

C A T A L O G U E



P A O L I
P I T S T O P
C A T A L O G U E





paoli®

dino pool

DINO PAOLI S.r.l. supplies all the teams participating in F1, F2, DTM, V8-SUPERCAR, INDYCAR, NASCAR, F. NIPPON, and almost all racing teams in ENDURANCE, GT, IMSA.

DINO PAOLI, the strength of a winning idea embodied in a company working in different sectors: motorsport, automotive, and industry.

A craft industry vocation and a long-standing tradition in the production of pneumatic impact wrenches and accessories have led the company to lead the Motorsport sector, making it the ideal partner for several teams, thanks to the high speed and reliability of its products.

Wheel guns to suit all the needs of those who believe in speed, making the pit stop a fundamental element in the outcome of a race.

Quality, technology, innovation and close collaboration with customers are just some of the features that have made DINO PAOLI a successful name in the racing world.



HISTORY

THE US MARKET

Dino Paoli S.r.l. enters for the first time the highly competitive US motorsport market.

DP 5000 TI MARK II

Paoli starts manufacturing new wheel guns using aerospace materials. Titanium, carbon and magnesium alloy are now used to produce the model DP5000 TI MARK II.

MECHATRONIC TECHNOLOGY

Dino Paoli S.r.l. starts the development of cutting edge new mechatronics products.

CAR PARTS DEVELOPMENT AND MANUFACTURING FOR OEM CUSTOMER

Thanks to its years of experience, Dino Paoli S.r.l. is finally able to compete in the market of car parts.

THE ORIGINS

Dino Paoli S.r.l. was incorporated in 1968 and it has specialized in the production of wheel guns used in workshops for commercial vehicles and standard road cars.

1968

1994

NASCAR CHAMPIONSHIP

Dino Paoli S.r.l. gets into NASCAR with Red Devil. This represents Paoli's debut in the one of the most important U.S. championships.

2011

2014

RED DEVIL 2.0

Designed for Nascar, the RED DEVIL 2.0 has been developed in order to give an extraordinary fastness and smoothness to the Nascar tire change

2017

2019

SUPERSPORT FOR NASCAR CUP

Dino Paoli S.r.l. develops the updated SUPERSPORT to be the sole wheel gun used in the Nascar Cup Series.

2021

2024

1975

F1 PODIUM

Thanks to the superior fastness and compactness of its products, Paoli becomes the official supplier for one of the most famous F1 teams.

2000

BRAND AWARENESS

Paoli becomes synonym of race wheel gun.

2012

TSA SYSTEM

Dino Paoli S.r.l. introduces an innovative technology which is able to monitor the torque and angle signal on the wheel nut.

2016

DP 6000

Dino Paoli S.r.l. produces the DP 6000. The use of high quality materials and the revolutionary 90° ergonomics handle make the latest Paoli wheel gun a technology gem.

2018

NASCAR

Dino Paoli S.r.l., thanks to the development of new mechatronic technologies, becomes the sole pit equipment supplier of Nascar.

2020

E-SHUTTLE

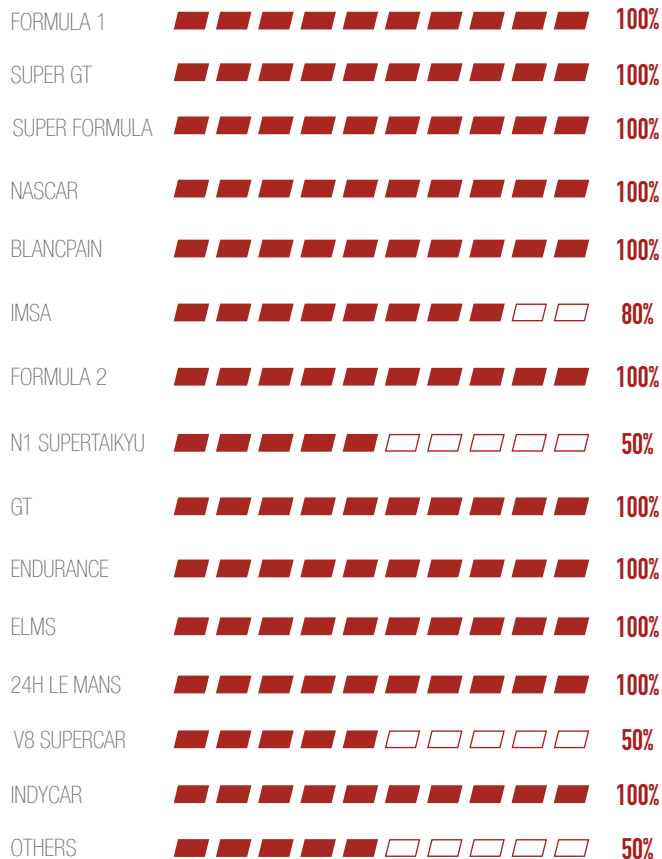
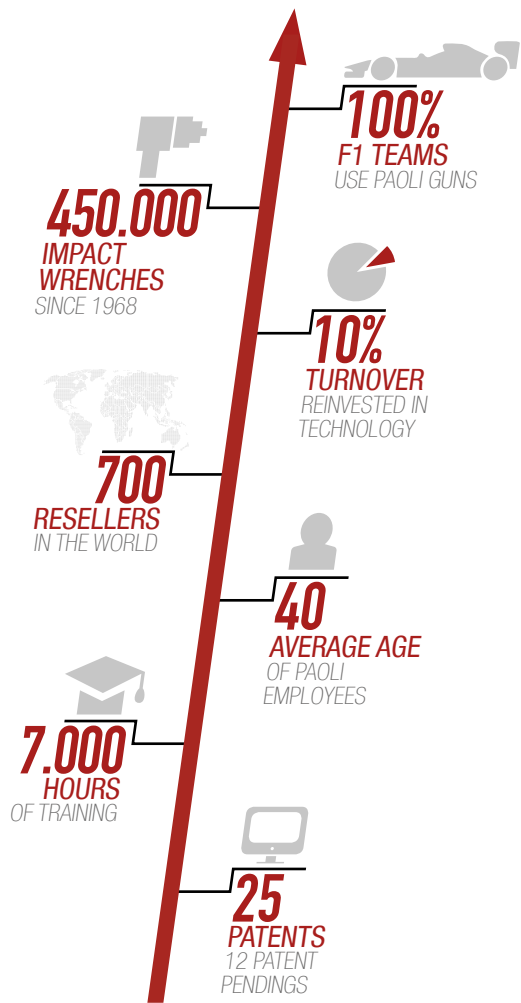
This new device was born from the combination of electronic power and a highly innovative software. E-SHUTTLE: the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion.

2022

TYPHOON PLUS WITH TORQUE INDICATOR FOR F2 & F3

In the attempt of improving safety during pit stop, the new generation of electric cordless wheel guns has been equipped with sensors for the monitoring of the fundamental parameters necessary to determine the correct execution of the tyre change event during a race pit stop.

DEVELOPMENT



NEW PRODUCT HIGHLIGHTS



W

WHEEL GUNS

- HURRICANE 2.0 90°ANGLE ANGLE 16
- TYPHOON PLUS TORQUE INDICATOR WITH SHUT OFF 56

S

PAOLI SOCKETS

- 90 BMW M4 GT3
- 92 MERCEDES AMG GT3
- 94 FORMULA E
- 95 INDYCAR GHOST MAGNETS



A

AIR SUPPLY SYSTEM

- High Pressure Oiler 149
- Trolley front protection ACO Le Mans compliant 154
- Bottle Anti-Deflagration Booths 160
- Extra flow safety valve 161



E

PIT EQUIPMENT

- 178 New helmets
- 200 Fuel Measuring System



WHEEL GUNS

The unique wheel guns
in motorsport races

W

9

PAOLI SOCKETS

The new Paoli
wheel nut sockets

S

79

FAST REVERSE DEVICES

Speed up your wheel
gun direction-change

R

105

WHEEL GUN OPTIONALS

Enhance your Paoli guns

O

109

AIR SUPPLY SYSTEM

Equipment for
the maximum power

A

119

PIT EQUIPMENT

All you need for the pitlane

E

169

PRODUCT CARE

Service and overhaul

C

207

FAQ

Your questions.
Our answers

F

221

AUTOMOTIVE PRODUCTS

Discover Paoli automotive products
(lower pressure - 6,3 bar)

P

225

ENGINEERING

ENGINEERING SERVICE



Since 1968 we have been manufacturing wheel guns, and we would now like to get our professionalism and experience available to our customers to an even greater extent.

We have heavily invested in research and development in order to get procedures and instruments suitable for the study and creation of products most suited to the growing needs of the automotive industry.

Dino Paoli is in fact now able to offer to customers an Engineering service which consists in the development of variations of wheel guns components customized according to different needs.

The engineering offer covers several areas: performances, durability, ergonomics, lightness.

To obtain these results we use and work on materials from the aviation and military industry, such as special steels, carbon fibre, aluminium and magnesium alloy, titanium.

The design of the new components is tested using finite element analysis (FEM) and once designed (CAD) these are produced using CAM, which allows us to easily obtain even geometrically complex parts.

Lately we have introduced the CFD air flow analysis to further optimize our wheel guns performances.

We also have a range of suppliers very skilled in heat treatments, who are capable to accurately identify the expected mechanical features.



WHEEL GUNS

The unique wheel guns in motorsport races

DIFFERENCE BETWEEN 2-PORT AND 3-PORT SHUTTLE

THE PORTS ARE THE HOLES IN THE SHUTTLE (THEY CAN BE 2 OR 3). THIS DEFINITIONS REFERES TO THE SHUTTLE MOTION.

3-PORT (STANDARD AND MORE PERFORMING VERSION)



DIFFERENCE BETWEEN 2-PORT AND 3-PORT SHUTTLE

THE PORTS ARE THE HOLES IN THE SHUTTLE (THEY CAN BE 2 OR 3). THIS DEFINITIONS REFERES TO THE SHUTTLE MOTION.

2-PORT (ON DEMAND)



PUSH THE SHUTTLE FROM RIGHT TO LEFT
→ THE WHEEL NUT TURNS COUNTERCLOCKWISE



PUSH THE SHUTTLE FROM LEFT TO RIGHT
→ THE WHEEL NUT TURNS CLOCKWISE

RADIAL HAMMER MECHANISM

RHM Radial Hammer Mechanism for intensive industrial use and for increased durability. **RHM** is the technological evolution of the 3-JAW SYSTEM, which thanks to a different distribution of impacts, guarantees greater **EFFICIENCY**, a superior **PERFORMANCE** and a **LONGER LIFESPAN** of the hammer mechanism parts thanks to the new developed geometry.



PRODUCT	RHM	PRODUCT	RHM
HURRICANE 2.0 CLASSIC HANDLE	✓	RED DEVIL BLACKBIRD	✗
HURRICANE 2.0 90° ANGLED HANDLE	✓	DP36 SF EVO	✗
HURRICANE 2.0 SPLINE	✓	4BIKE	✗
HURRICANE 90° ANGLED HANDLE	✓	DP1040	✗
DP6000 CLASSIC HANDLE	✓	E-GUN	✗
DP6000 90° ANGLED HANDLE	✓	TYPHOON PLUS TORQUE INDICATORS WITH SHUT OFF	✗
DP6000 SPLINE	✓	TYPHOON PLUS WITH TORQUE INDICATORS	✗
DP6000 BIAS	✓	TYPHOON PLUS	✗
SUPERSPORT NEXTGEN	✓	TYPHOON 1"	✗
DP5000 TI MARK II	✓	TYPHOON BRUSHLESS	✗
DP4000 ALU	✗	TYPHOON	✗
DP4000 30BAR	✓	ROCKET	✗
DP2000 SE	✗	TORNADO	✗
DP177SFE	✗	TOOLKIT	✗
RED DEVIL 2.0 STREET LEGAL	✗		

SPLINE DRIVE

From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new technology is born: the **SPLINE DRIVE**. This means the following advantages:

- More **EFFICIENT CONNECTION** than traditional square drive anvil thanks to the elimination of gap and vibrations
- More **DURABILITY** due to less wear
- More comfort and **SAFETY FOR THE OPERATOR** thanks to the removal of the pin

PRODUCT	SPLINE DRIVE	PRODUCT	SPLINE DRIVE
HURRICANE 2.0 CLASSIC HANDLE	✓	RED DEVIL BLACKBIRD	✗
HURRICANE 2.0 90° ANGLED HANDLE	✓	DP36 SF EVO	✗
HURRICANE 2.0 SPLINE	✓	4BIKE	✗
HURRICANE 90° ANGLED HANDLE	✓	DP1040	✗
DP6000 CLASSIC HANDLE	✓	E-GUN	✓
DP6000 90° ANGLED HANDLE	✓	TYPHOON PLUS TORQUE INDICATORS WITH SHUT OFF	✓
DP6000 SPLINE	✓	TYPHOON PLUS WITH TORQUE INDICATORS	✓
DP6000 BIAS	✓	TYPHOON PLUS	✓
SUPERSPORT NEXTGEN	✓	TYPHOON 1"	✓
DP5000 TI MARK II	✓	TYPHOON BRUSHLESS	✗
DP4000 ALU	✗	TYPHOON	✗
DP4000 30BAR	✓	ROCKET	✗
DP2000 SE	✗	TORNADO	✗
DP177SFE	✗	TOOLKIT	✗
RED DEVIL 2.0 STREET LEGAL	✗		





HURRICANE 2.0 CLASSIC HANDLE

BEST PRACTICE FORMULA 1 / INDYCAR

Product name	HURRICANE 2.0		
Handle Type	CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version	HURRICANE2.10		HURRICANE2.07
Product code RH Version	2 port HURRICANE2.11	3 port	HURRICANE2.08
Product code UH Version	HURRICANE2.12		HURRICANE2.09
Square drive	1"		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

AVAILABLE VERSIONS

LH Fast left hand version:
loosens nuts tightened
clockwise faster

RH Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH



**E-SHUTTLE
(ON DEMAND)**

**NEW OPTIONAL
MONOLITHIC PIN**



**SPLINE DRIVE
READY**

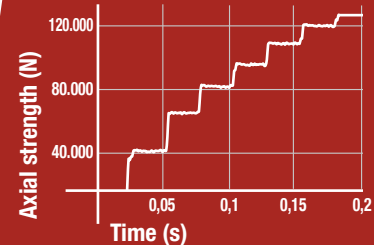
COLOUR CODES

BUILT-IN FRS

COLOUR CODES

**ERGONOMIC TRIGGER
(ON DEMAND)**

TIGHTENING



MANUAL



Operating and
Maintenance
Manual

NEW HURRICANE 2.0 90° ANGLED HANDLE

BEST PRACTICE FORMULA 1 / INDYCAR



Product name	HURRICANE 2.0		
Handle Type	90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.04	HURRICANE2.01
Product code RH Version	2 port	HURRICANE2.05	3 port HURRICANE2.02
Product code UH Version		HURRICANE2.06	HURRICANE2.03
Square drive	1"		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

AVAILABLE VERSIONS

LH Fast left hand version:
loosens nuts tightened
clockwise faster

RH Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH



**E-SHUTTLE
(ON DEMAND)**

**NEW OPTIONAL
MONOLITHIC PIN**



**SPLINE DRIVE
READY**

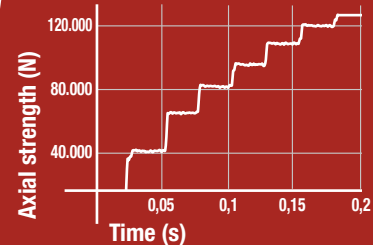
COLOUR CODES

BUILT-IN FRS

COLOUR CODES

**ERGONOMIC TRIGGER
(ON DEMAND)**

TIGHTENING



MANUAL



Operating and
Maintenance
Manual

HURRICANE 2.0 SPLINE

BEST PRACTICE FORMULA 1 / INDYCAR



Product name	HURRICANE 2.0 SPLINE		
Handle Type	CLASSIC HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.22	HURRICANE2.19
Product code RH Version	2 port	HURRICANE2.23	3 port HURRICANE2.20
Product code UH Version		HURRICANE2.24	HURRICANE2.21

Drive Shaft	Spline		
Weight	3,9 kg (8.59 lbs)		
Length	203 mm (7.99")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

ALSO AVAILABLE

Product name	HURRICANE 2.0 SPLINE		
Handle Type	90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE2.16	HURRICANE2.13
Product code RH Version	2 port	HURRICANE2.17	3 port HURRICANE2.14
Product code UH Version		HURRICANE2.18	HURRICANE2.15

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Increase robustness and reliability
- Faster at reaching the required tightening torque
- Electronic devices readiness

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL
TO INCREASE DURABILITY AND STRENGTH

NEW OPTIONAL MONOLITHIC PIN



SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin



New Paoli
spline drive anvil



Traditional
square drive anvil



NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



MANUAL



Operating and
Maintenance
Manual



HURRICANE 90° ANGLED HANDLE

BEST PRACTICE

FORMULA 1 / INDYCAR
FORMULA 2 / DTM

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	CARBON COVER		
Product code LH Version		HURRICANE.010	HURRICANE.007
Product code RH Version	2 port	HURRICANE.011	3 port HURRICANE.008
Product code UH Version		HURRICANE.012	HURRICANE.009
Square drive	1"		
Weight	3,70 kg (8.15 lbs)		
Length	200 mm (7.87")		
Air inlet	3/8" BSP		
Supply hose inside diameter	13 mm (0.51")		
Max pressure	25 bar (362 psi)		
Free Speed (25 bar / 362 psi)	LH / RH 15000 rpm UH 14800 rpm		
Max torque	LH / RH 4300 Nm (3172 ft-lbs) UH 4200 Nm (3100 ft-lbs)		

ALSO AVAILABLE

Product name	HURRICANE 90° ANGLED HANDLE		
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY		
Product code LH Version		HURRICANE.004	HURRICANE.001
Product code RH Version	2 port	HURRICANE.005	3 port HURRICANE.002
Product code UH Version		HURRICANE.006	HURRICANE.003
Weight	3,74 kg (8.24 lbs)		

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More gap between tightening and loosening
- Improved air motor performance
- Lost wax casting handle

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL
TO INCREASE DURABILITY AND STRENGTH

NEW OPTIONAL MONOLITHIC PIN



**1000 CYCLES
ROTOR INSIDE**

COVER

Double option:
• Carbon Cover
• Aluminium Cover

**SPLINE DRIVE
READY**

MANUAL



Operating and
Maintenance
Manual

JAN LARSEN ART

ARTIST: JAN LARSEN
BORN: 1967
NATIONALITY: USA
STYLE: NEO-POP

Talked about as one of the most interesting, thoughtful, entertaining, and important artists at work in contemporary art today, **Danish-American Neo-Pop celebrity artist Jan Larsen** credits his collectors, clients, patrons, mentors, and contemporaries with inspiring him to new heights in his work, as his career progresses seemingly into the art-historical firmament.

After starting his fine-art-and-production business **Jan Larsen Art** in the apartment he took over from Brian Donnelly (also known as **KAWS**, now one of the world's most-successful artists) in 2000 as a means of learning the fine art trade prior to joining it as an artist himself, Larsen built the enterprise and brought it to trade globally, founding and running **four contemporary art galleries** in New York City from 2000 to 2015, **producing hundreds of exhibitions**, and representing **over 50 artists and hundreds of clients**, on primary markets and at auction, with accounts at the **Christie's**, **Sotheby's**, and **Phillips** auction houses.

Having thoroughly researched the markets for fine art in terms of content and mechanics of the trade while reflecting on what he wanted to say with his work during those 15 years, Larsen finally **launched his career with a solo show in 2015** in partnership with a retail gallery in Manhattan's Chelsea neighborhood, and has mounted show after show since, 10 solo shows in the first 4 years, each well-received and selling well in New York, London, and Singapore.

From his **popular-culture-based reflections** to his abstract digital prints, his 'word-work' meditations, his Dada-esque conceptual sculptures and performances, to his abstract-expressionist paintings in the traditions of Jackson Pollock and Japan's Gutai Group, Larsen's powerful range demonstrates a mastery of **art-as-social-commentary** in a wide array of contexts and formats, commenting precisely, presciently, and powerfully on the times we live in.



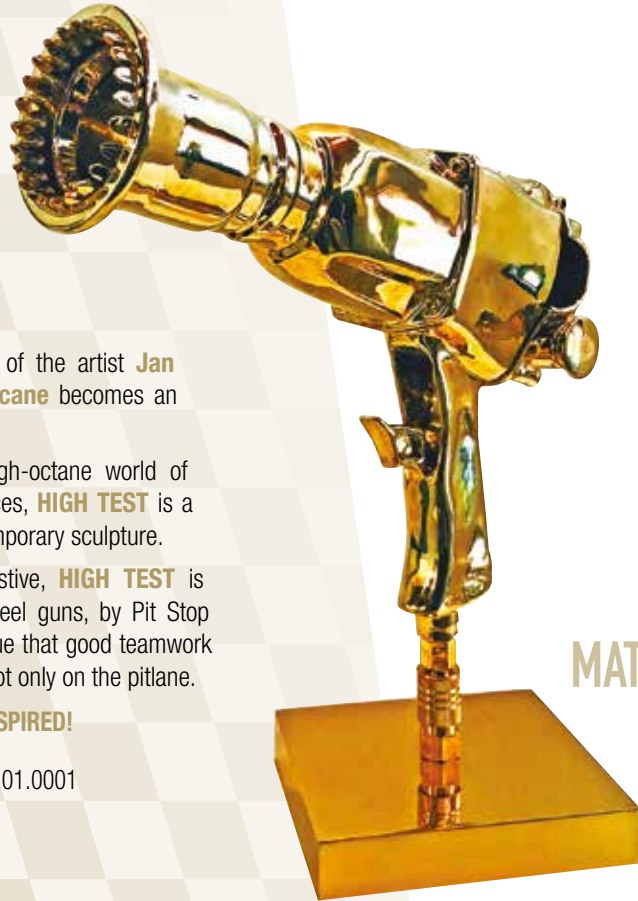
Thanks to the work of the artist **Jan Larsen**, **Paoli Hurricane** becomes an art masterpiece.

Dedicated to the high-octane world of motorsport's elite races, **HIGH TEST** is a limited edition contemporary sculpture.

Precious and suggestive, **HIGH TEST** is inspired by Paoli wheel guns, by Pit Stop world and by the value that good teamwork holds for everyone, not only on the pitlane.

LET YOURSELF BE INSPIRED!

Product Code: B.38.05.01.0001



HIGH TEST 2019

MATERIALS: BRASS AND STEEL
SIZE: 35 X 30 X 15 CM
STYLE: NEO-POP
LIMITED EDITION: 8 PIECES



DP 6000 CLASSIC HANDLE

BEST PRACTICE INDYCAR / ENDURANCE

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	CARBON COVER
Product code LH Version	006000.00017
Product code RH Version	006000.00018
Product code UH Version	006000.00019
Square drive	1"
Weight	3,74 kg (8,2 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 14700 rpm UH 14300 rpm
Max torque	LH / RH 4200 Nm (3100 ft-lbs) UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 6000 CLASSIC HANDLE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	006000.00014
Product code RH Version	006000.00015
Product code UH Version	006000.00016
Weight	3,78 kg (8.33 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- New aluminium body

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL
TO INCREASE DURABILITY AND STRENGTH

Titanium
inside



**1000 CYCLES
ROTOR INSIDE**

**NEW
ALUMINIUM BODY!**

Stronger and more
durable!

NEW OPTIONAL MONOLITHIC PIN



CLOUR CODES



**SPLINE DRIVE
READY**

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

**DOUBLE STAGE TRIGGER
(ON DEMAND)**

**CLASSIC HANDLE
(72° ANGLED)**

MANUAL



Operating and
Maintenance
Manual



DP 6000 90° ANGLED HANDLE

BEST PRACTICE INDYCAR / ENDURANCE

Product name	DP 6000 90° ANGLED HANDLE
Front Cover Type	CARBON COVER
Product code LH Version	006000.00004
Product code RH Version	006000.00005
Product code UH Version	006000.00006
Square drive	1"
Weight	3,70 kg (8.1 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 14700 rpm UH 14300 rpm
Max torque	LH / RH 4200 Nm (3100 ft-lbs) UH 4000 Nm (2950 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 6000 90° ANGLED HANDLE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	006000.00001
Product code RH Version	006000.00002
Product code UH Version	006000.00003
Weight	3,74 kg (8.2 lbs)

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body
- New alluminium body

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL
TO INCREASE DURABILITY AND STRENGTH

Titanium
inside



1000 CYCLES
ROTOR INSIDE

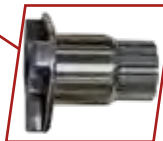
NEW
ALLUMINIUM BODY!

Stronger and more
durable!

NEW OPTIONAL MONOLITHIC PIN



COLOUR
CODES



SPLINE DRIVE
READY

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover

DOUBLE STAGE TRIGGER
(ON DEMAND)

MANUAL



Operating and
Maintenance
Manual

DP 6000 SPLINE

BEST PRACTICE

INDYCAR / ENDURANCE



From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new wheel gun is born: the **SPLINE DRIVE DP 6000**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product.

A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket.

Spline drive wheel guns, because of the increased contact points between the anvil and the socket, offer a better torque transmission and a reduced load on each contact point.

This means the following **ADVANTAGES**: more power; more strength; more endurance.

Paoli supplies spline sockets to be used with **DP 6000 SPLINE**.

PRODUCT NAME	FRONT COVER TYPE	VERSION	PRODUCT CODE
DP 6000 SPLINE 90° ANGLED HANDLE	Carbon Cover	LH	006000.00051
		RH	006000.00052
		UH	006000.00053
	Aerospace 7075 aluminium alloy	LH	006000.00048
		RH	006000.00049
		UH	006000.00050
DP 6000 SPLINE CLASSIC HANDLE	Carbon Cover	LH	006000.00057
		RH	006000.00058
		UH	006000.00059
	Aerospace 7075 aluminium alloy	LH	006000.00054
		RH	006000.00055
		UH	006000.00056

(2 port available on demand)

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Paoli patent pending profile
- Cutting edge anvil-socket fixing system

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH

NEW OPTIONAL MONOLITHIC PIN



SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin



**NEW
ALLUMINIUM BODY!**
Stronger and more
durable!



New Paoli
spline drive anvil



Traditional Paoli
square drive anvil



NEW ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



MANUAL



Operating and
Maintenance
Manual



DP 6000 BIAS

BEST PRACTICE

ENDURANCE / IMSA
LE MANS SERIES

Product name	DP 6000 BIAS
Front Cover Type	CARBON COVER
Product code	6000BS.00001
Square drive	1"
Weight	3,94 kg (8.68 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	14300 rpm
Max torque	3900 Nm (2876 ft-lbs)

ALSO AVAILABLE

Product name	DP 6000 BIAS
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code	6000BS.00002
Weight	4.01 kg (8.84 lbs)

HIGHLIGHTS

- Pimply faster!
- 2 wheel guns in 1

The **BIAS SYSTEM** gives you both RH and LH versions inside a single wheel gun. Using the special lever you can change the mode during the pitstop. This model is particularly suitable for those championships in which the use of a single wheel gun is mandatory. The **BIAS SYSTEM** is capable to give to the operator all the advantages of both the RH and LH modes in a single wheel gun.



BLACK ANODIZED ALUMINIUM LEVER ON DEMAND

NEW OPTIONAL MONOLITHIC PIN

COVER

- Double option:
- Carbon Cover
 - Aluminium Cover



SPLINE DRIVE READY

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL TO INCREASE DURABILITY AND STRENGTH

BIAS SYSTEM

RH & LH versions included in a single wheel gun

OPTIONAL ALUMINIUM LEVER

D.01.21.0056

NEW ALLUMINIUM BODY!

Stronger and more durable!

ON TOP LEVER FROM RH TO LH FROM LH TO RH

MANUAL



Operating and Maintenance Manual

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- male 1/2" BSP fittings





SUPERSPORT NEXTGEN



BEST PRACTICE

NASCAR CUP SERIES
GT-ENDURANCE

Product name	SUPERSPORT NEXTGEN
Product code LH Version	SSNXGEN.0001
Product code RH Version	SSNXGEN.0002
Product code UH Version	SSNXGEN.0003
Drive shaft	Spline Drive
Weight	4,03 kg (8.9 lbs)
Length	202 mm (7.95")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed (25 bar / 362 psi)	LH / RH 11500 rpm UH 11000 rpm
Max torque	LH / RH 3500 Nm (2590 ft-lbs) UH 2800 Nm (2065 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	SUPERSPORT NEXTGEN
Drive shaft	SQUARE DRIVE
Product code LH Version	SSNXGEN.0004
Product code RH Version	SSNXGEN.0005
Product code UH Version	SSNXGEN.0006

AVAILABLE VERSIONS

LH Fast left hand version:
loosens nuts tightened
clockwise faster

RH Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Radial Hammer Mechanism



NEW FAST REVERSE SYSTEM

Longer and easier to move.
Positioned on the side where
the rotation reverse mechanism
turns from loosening to
tightening.

BUILT-IN FRS

SUGGESTED COUPLINGS & FITTINGS

- couplings: minimal bore of 10 mm (25/64")
- Inlet made by steel

NEW FRONT COVER SHAPE
AEROSPACE ALUMINIUM FRONT COVER



NEW OPTIONAL MONOLITHIC PIN



SQUARE DRIVE READY

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



ALREADY INCLUDED!
TO INCREASE DURABILITY AND STRENGTH

MANUAL



Operating and
Maintenance
Manual

DP 5000 TI MARK II

BEST PRACTICE ENDURANCE / INDYCAR



Product name	DP 5000 TI MARK II
Front Cover Type	CARBON COVER
Product code LH Version	5000TI.00022
Product code RH Version	5000TI.00023
Product code UH Version	5000TI.00024
Square drive	1"
Weight	3,63 kg (8 lbs)
Length	198 mm (7.79")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	25 bar (362 psi)
Free Speed	LH / RH 14500 rpm
(25 bar / 362 psi)	UH 14000 rpm
Max torque	LH / RH 3800 Nm (2810 ft-lbs)
	UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 5000 TI MARK II
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	5000TI.00019
Product code RH Version	5000TI.00020
Product code UH Version	5000TI.00021
Weight	3,70 kg (8.1 lbs)

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

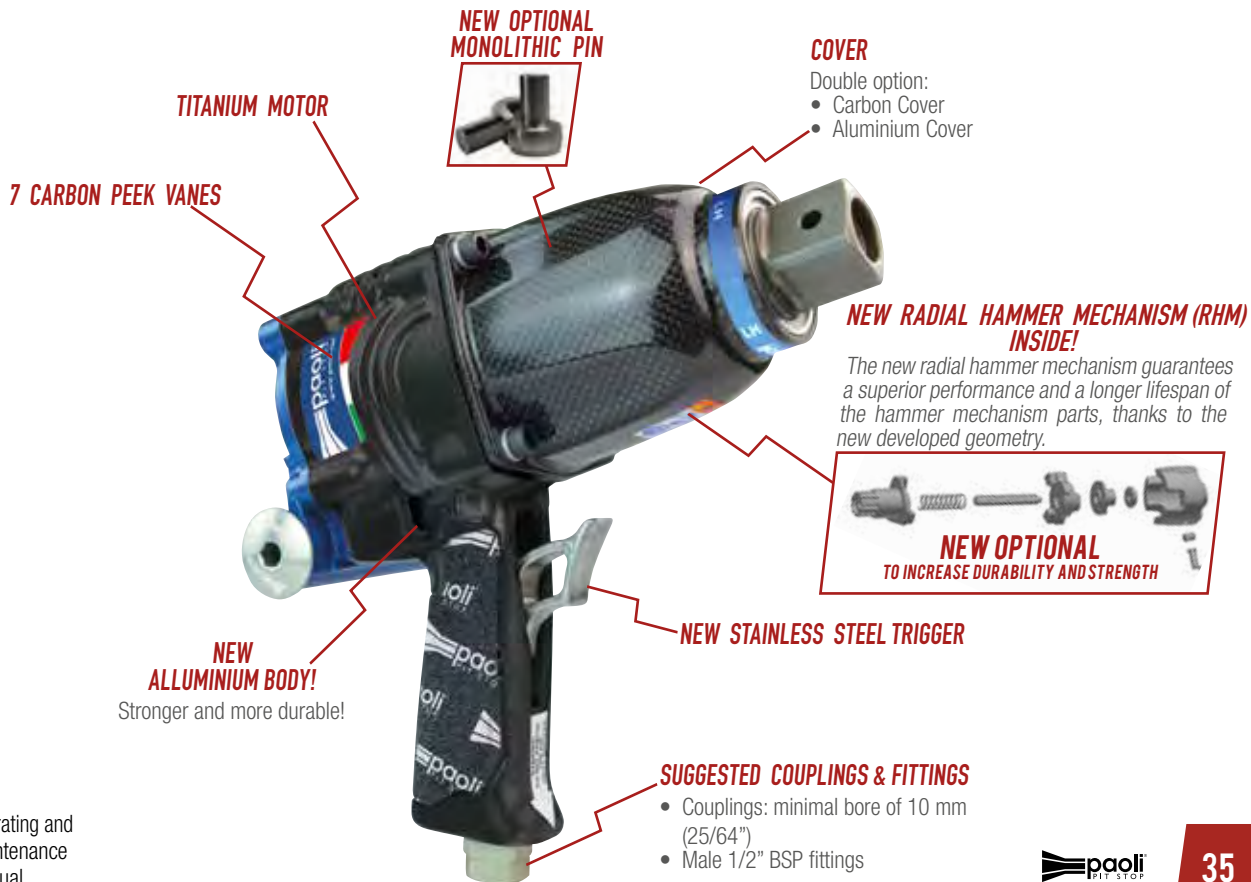
Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Standard carbon cover
- Anodized blue and red covers, according to the motorsport tradition



MANUAL



Operating and
Maintenance
Manual



DP 4000 ALU

BEST PRACTICE

FORMULA 1 / DTM

Product name	DP 4000 ALU
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	4000ALU.0001
Product code RH Version	4000ALU.0002
Product code UH Version	4000ALU.0003
Square drive	1"
Weight	3,91 kg (8.62 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed	LH / RH 13500 rpm
(25 bar / 362 psi)	UH 12500 rpm
Max torque	LH / RH 3500 Nm (2590 ft-lbs)
	UH 3300 Nm (2442 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 ALU
Front Cover Type	CARBON COVER
Product code LH Version	4000ALU.0004
Product code RH Version	4000ALU.0005
Product code UH Version	4000ALU.0006
Weight	3,84 kg (8.46 lbs)

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Powerful
- Light
- Reliable





DP 4000 30BAR

BEST PRACTICE

ENDURANCE / GT

Product name	DP 4000 30BAR
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	400030.00013
Product code RH Version	400030.00014
Product code UH Version	400030.00015
Square drive	1"
Weight	3,97 kg (8.7 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	30 bar (435 psi)
Free Speed (25 bar / 362 psi)	LH / RH / UH 15500 rpm
Max torque	LH / RH 3800 Nm (2810 ft-lbs) UH 3500 Nm (2590 ft-lbs)
Gun selector plate	3 port (2 port available on demand)

ALSO AVAILABLE

Product name	DP 4000 30BAR
Front Cover Type	CARBON COVER
Product code LH Version	400030.00016
Product code RH Version	400030.00017
Product code UH Version	400030.00018
Weight	3,90 kg (8.6 lbs)

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



Special unhand version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

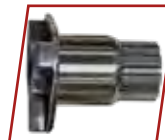
- Optional front cover made of carbon
- New carbon peek vane

- 30 BAR DYNAMIC RESISTANT
- INCREASED POWER
- VERY TOUGH MATERIALS AND TECHNICAL SOLUTIONS APPLIED

NEW OPTIONAL MONOLITHIC PIN



AEROSPACE ALUMINIUM FRONT COVER



SPLINE DRIVE READY

BUILT-IN FRS

NEW RADIAL HAMMER MECHANISM (RHM) INSIDE!

The new radial hammer mechanism guarantees a superior performance and a longer lifespan of the hammer mechanism parts, thanks to the new developed geometry.



NEW OPTIONAL TO INCREASE DURABILITY AND STRENGTH

STANDARD DOUBLE STAGE TRIGGER

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 10 mm (25/64")
- Male 1/2" BSP fittings

MANUAL



Operating and
Maintenance
Manual



DP 2000 SE

BEST PRACTICE

IMSA / GARAGE

Product name	DP 2000 SE
Front Cover Type	AEROSPACE 7075 ALUMINIUM ALLOY
Product code LH Version	2000SE.00010
Product code RH Version	2000SE.00011
Product code UH Version	2000SE.00012
Square drive	1"
Weight	3,90 kg (8.6 lbs)
Length	186 mm (7.32")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (25 bar / 362 psi)	LH / RH 9500 rpm UH 9000 rpm
Max torque	LH / RH 2500 Nm (1843 ft-lbs) UH 2200 Nm (1622 ft-lbs)
Gun selector plate	2 port

ALSO AVAILABLE

Product name	DP 2000 SE
Front Cover Type	CARBON COVER
Product code LH Version	2000SE.00013
Product code RH Version	2000SE.00014
Product code UH Version	2000SE.00015
Weight	3,83 kg (8.4 lbs)

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- More power / more gap
- Metallic powder painted body

6 NEW CARBON VANES INSIDE

THE CLASSIC PAOLI GUN

From 18 years always on the pit-lanes

- Lighter
- More powerful
- Evergreen

NEW AEROSPACE ALUMINIUM
FRONT COVER AS STANDARD
(CARBON COVER OPTIONAL ON DEMAND)

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings

MANUAL



Operating and
Maintenance
Manual





DP 177 SFE

BEST PRACTICE GT / ENDURANCE / GARAGE

Product name	DP 177 SFE
Product code LH Version	177SFE.00004
Product code RH Version	177SFE.00005
Product code UH Version	177SFE.00006
Square drive	1"
Weight	4,20 kg (9.2 lbs)
Length	193 mm (7.59")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	20 bar (290 psi)
Free Speed (20 bar / 290 psi)	LH / RH 10000 rpm UH 9500 rpm
Max torque	LH / RH 1900 Nm (1400 ft-lbs) UH 1800 Nm (1327 ft-lbs)
Gun selector plate	2 port

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Fast, powerful and reliable
- New carbon vanes
- Increased max pressure



MANUAL



Operating and
Maintenance
Manual



RED DEVIL 2.0 STREET LEGAL

BEST PRACTICE TOURING CARS



Product name	RED DEVIL 2.0 STREET LEGAL
Product code	RDEVSL.00003
Square drive	1/2"
Weight	2,40 kg (5.3 lbs)
Length	192 mm (7.56")
Air inlet	1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (12 bar / 175 psi)	12.000 rpm
Max torque	1.000 Nm (740 ft-lb)
Gun selector plate	2 port

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Aerospace aluminium front cover
- New carbon vanes



MANUAL



Operating and
Maintenance
Manual



RED DEVIL BLACKBIRD



BEST PRACTICE

DESERT RACES

Product name	RED DEVIL BLACK BIRD
Product code	RDEVBB.00001
Square drive	1/2"
Weight	2,42 kg (5.33 lbs)
Length	193 mm (7.60")
Air inlet	3/8"
Supply hose inside diameter	3/8" - 1/2"
Max pressure	12 bar (175 psi)
Free Speed (12 bar / 175 psi)	15120 rpm
Max torque	1015 Nm (749 ft-lb)
Gun selector plate	3 port

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

UH

Special unhand version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Aerospace aluminium front cover
- New carbon vanes



REDDEVIL™
WHEEL GUNS



MANUAL



Operating and
Maintenance
Manual



DP 36 SF EVO

BEST PRACTICE

TOURING CARS

Product name	DP 36 SF EVO
Product code LH Version	36SFEV.00005
Product code RH Version	36SFEV.00006
Product code UH Version	36SFEV.00007
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	LH / RH 3/8" BSP LH* 1/4" NPT
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Free Speed (14 bar / 200 psi)	LH / RH 14500 rpm LH* 15000 rpm
Max torque	LH / RH 850 Nm (626 ft-lbs) LH* 900 Nm (663 ft-lbs)
Gun selector plate	2 port

*US VERSION

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

HIGHLIGHTS

- New carbon vanes
- Developed for 5 nuts
- Additional air exhausts to increase the speed

VERY FAST!

WHEEL GUN FOR 5 NUTS WHEELS
(TOURING) APPLICATION!

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

TWIN HAMMER MECHANISM

AEROSPACE ALUMINIUM
FRONT COVER

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings (UE version)
- 1/4" NPT fittings (US version)

MANUAL



Operating and
Maintenance
Manual





4BIKE

BEST PRACTICE

FORMULA WEC / SUPERSTOCK

Product name	4BIKE
Product code	04BIKE.00001
Square drive	1/2"
Weight	2,23 kg (4.9 lbs)
Length	161 mm (6.3")
Air inlet	3/8" BSP
Supply hose inside diameter	13 mm (0.51")
Max pressure	14 bar (200 psi)
Operating pressure	10/14 bar (150/200 psi)
Free Speed - Loosening (14 bar / 200 psi)	14800 rpm
Free Speed - Tightening (14 bar / 200 psi)	11500 rpm
Max torque - Loosening (14 bar / 200 psi)	1025 Nm (756 ft-lbs)
Max torque - Tightening (14 bar / 200 psi)	850 Nm (627 ft-lbs)
Gun selector plate	2 port

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster

HIGHLIGHTS

- New carbon vanes
- Developed for 5 nuts
- Additional air exhausts to increase the speed
- Less powered on tightening

TWIN HAMMER MECHANISM

VERY FAST!

WHEEL GUN FOR BOTH REAR
AND FRONT WHEEL.



SQUARE DRIVE WITH SPRING PIN

AEROSPACE ALUMINIUM FRONT COVER

6 NEW CARBON VANES INSIDE

BUILT-IN FRS

SUGGESTED COUPLINGS & FITTINGS

- Couplings: minimal bore of 7,6 mm (19/64")
- Male 3/8" BSP fittings

MANUAL



Operating and
Maintenance
Manual

DP 1040

BEST PRACTICE

MECHANICAL WORKS



Product name	DP 1040
Product code	001040.00001
Square drive	1/2"
Weight	1,30 kg (2.86 lbs)
Length	98 mm (3.86")
Air inlet	1/4"
Supply hose inside diameter	3/8"
Max pressure	6.3 bar (90 psi)
Free Speed (6.3 bar / 90 psi)	9500 rpm
Max torque	650 Nm (479 ft-lb)

HIGHLIGHTS

- New jumbo hammer typ
- Aluminum alloy body
- Built-in air power regulator



MANUAL



Operating and
Maintenance
Manual



E-GUN

BEST PRACTICE

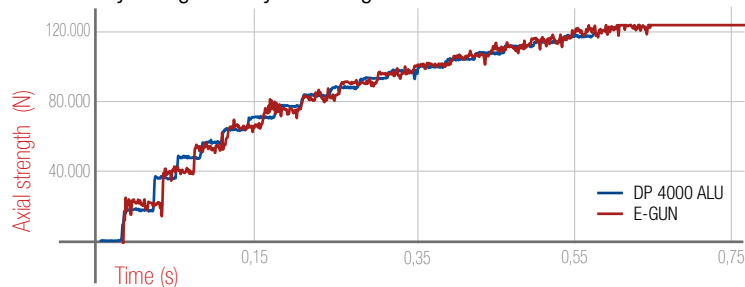
PIT STOP

Generated from **PAOLI'S EXPERIENCE** in the sector and cutting edge engineering solutions, is the first electric cordless gun for pit stop application: the **E-GUN**. The latest creation of Paoli's highly skilled R&D technicians is an innovative and highly performing product never seen before.

This is the first electric wheel gun with performances equivalent to those of a pneumatic wheel gun like the DP4000 ALU and, unlike any other cordless on the market, equipped with a set of electronic components designed specifically for motorsport.

Fully metal built, E-GUN is equipped with the patented 3-jaw hammer mechanism, and with the ergonomic handle evolved together with the teams on the pit lane.

The E-GUN is completed by a data logging system and a control which allows the user to modify a large variety of settings.



PRODUCT NAME	VERSION	PRODUCT CODE
E-GUN SQUARE DRIVE	Product code LH Version	00EGUN.00001
	Product code RH Version	00EGUN.00002
	Product code UH Version	00EGUN.00003
E-GUN SPLINE	Product code LH Version	00EGUN.00004
	Product code RH Version	00EGUN.00005
	Product code UH Version	00EGUN.00006

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

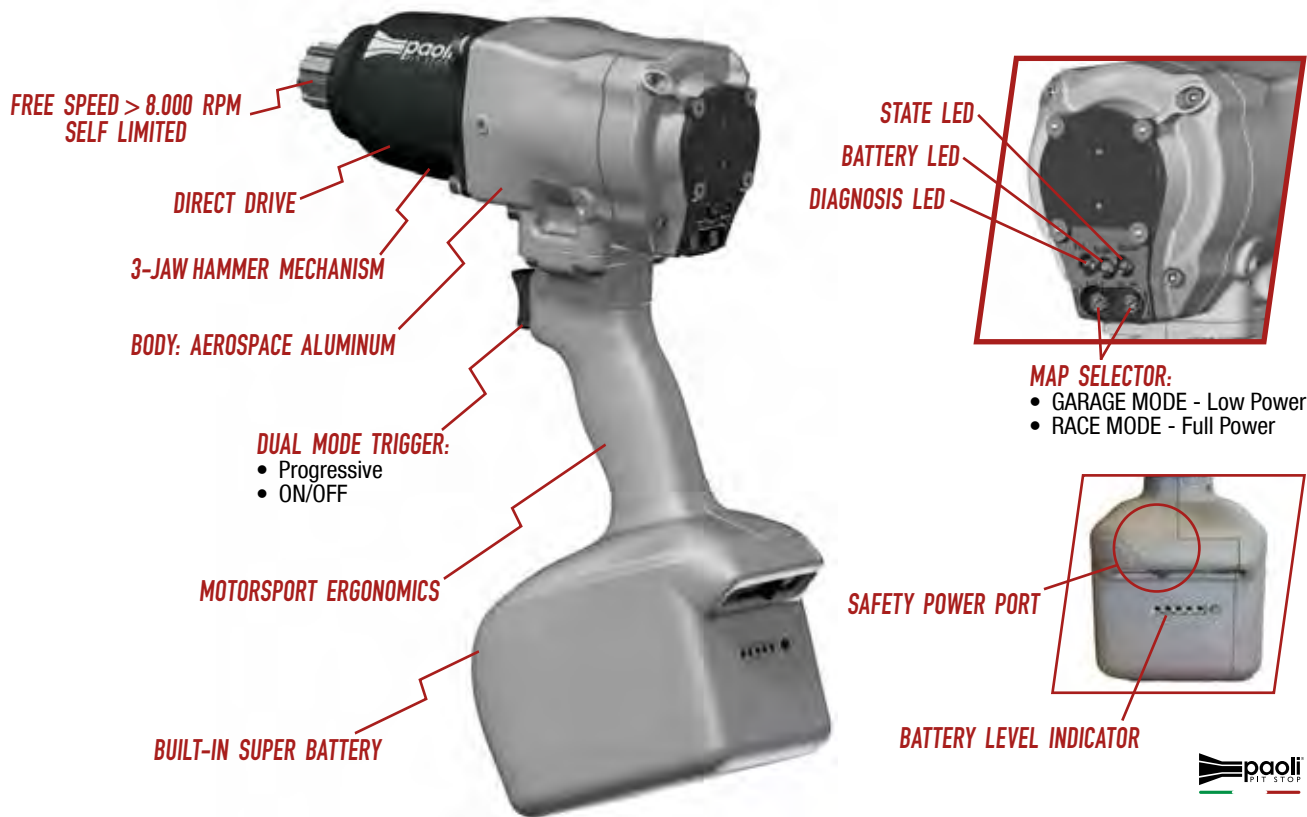
UH

Special unhanded version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Brushless specially engineered electric motor (with titanium aerospace parts)
- Data logging system
- Water proof

THE FASTEST AND MOST ADVANCED ELECTRIC CORDLESS GUN FOR PIT STOP APPLICATIONS





TYPHOON PLUS

TORQUE INDICATOR

WITH SHUT OFF



DON'T WASTE TIME, EVERY SECOND MATTERS!

Paoli is pleased to announce its new Typhoon Plus Torque Indicator **WITH SHUT OFF**, the latest result of research and development in the field of Paoli cordless impact wrenches.

Engineered for maximum performance and safety during competition pit stops, it features the innovative **SHUT OFF** function which automatically stops the tool when the optimal tightening torque is reached. This cutting-edge feature ensures that each wheel is securely fastened with precision, eliminating the risk of over or under-tightening.

This new generation of impact wrench is the ultimate tool for any professional pit crew looking to enhance efficiency, safety and precision during the race.

AVAILABLE VERSIONS



Fast left hand version:
loosens nuts tightened
clockwise faster



Fast right hand version:
loosens nuts tightened
anticlockwise faster



NEW FEATURES COMING SOON

JANUARY 2025



TYPHOON PLUS WITH TORQUE INDICATOR

BEST PRACTICE FORMULA 2 / FORMULA 3

The first electric wheel gun to be officially used in a motorsport world championship, is now available to the market. The cordless Paoli impact wrench with highest power density has been equipped with an electric system for **MONITORING THE NUT TIGHTENING**. On top of highlighting errors during nut installation, the **TORQUE INDICATOR SYSTEM** allows to have a more consistent value of torque during tightening, leading to **OPTIMISED TYRE CHANGING TIMES** during pit stops. Performance can be further refined with a tailored **CALIBRATION FOR EACH VEHICLE, HUB AND SOCKET UTILISED**.

Product name	TYPHOON PLUS WITH TORQUE INDICATOR
Product code LH Version	A.08.0051
Product code RH Version	A.08.0052
Version	Cordless
Drive shaft	Spline
Weight (battery included)	4,3 kg (9.47 lbs)
Length	253 mm (9.96")
Width	98,5 mm (3.87")
Height	287 mm (11.29")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

ALSO AVAILABLE

Product name	TYPHOON PLUS WITH TORQUE INDICATOR
Drive shaft	SQUARE DRIVE
Product code LH Version	A.08.0049
Product code RH Version	A.08.0050

AVAILABLE VERSIONS

LH

Fast left hand version:
loosens nuts tightened
clockwise faster

RH

Fast right hand version:
loosens nuts tightened
anticlockwise faster

HIGHLIGHTS

- Led torque indicators
- Calibration for each vehicle, hub and socket utilised
- Optimised tyre changing times



SQUARE DRIVE
READY

SW UPGRADE!
CROSS-THREAD
DETECTION SYSTEM

LED LIGHT ON THE WORKING
POINT DURING USE

LITHIUM ION BATTERY 20.0 V D.C.

OPTIONAL LOG IN DEVICE TO
DOWNLOAD PIT STOP EVENT



RAIN AND BATTERY COVER
AVAILABLE!
SEE PAGE 113

ERGONOMIC HANDLE

FAST BATTERY CHARGER

MANUAL



Operating and
Maintenance
Manual





TYPHOON PLUS

BEST PRACTICE

PIT STOP / GARAGE

Product name	TYPHOON PLUS
Product code	A.08.0024
Version	Cordless
Drive shaft	Spline
Weight (battery included)	3,5 kg (7.7 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

ALSO AVAILABLE

Product name	TYPHOON PLUS
Drive shaft	SQUARE DRIVE
Product code	A.08.0026

AVAILABLE VERSIONS



Special unhandled version: loosens at same speed both the nuts tightened clockwise and anticlockwise

HIGHLIGHTS

- Fast, powerful and reliable
- Provided in a hard case
- Including: No. 2 Ultra Power batteries, a cable and a re-charger

**A NEW PLAYER IN THE MOTORSPORT INDUSTRY!
LIGHTER AND FASTER THAN ANY COMPETITOR MODEL!**



**SQUARE DRIVE
READY**



SPLINE ANVIL

Advantages:

- More efficient connection than traditional square drive anvil thanks to the elimination of gap and vibrations
- More durability due to less wear
- More comfort and safety for the operator thanks to the removal of the pin

**MOTORSPORT SOCKET
CONNECTION**

AEROSPACE ALUMINUM

ERGONOMIC HANDLE

**LED LIGHT ON THE WORKING
POINT DURING USE**

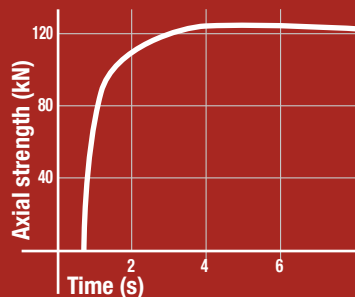


**BATTERY LEVEL
INDICATOR**

**LITHIUM ION BATTERY
20.0 V D.C.**

**RAIN AND BATTERY COVER
AVAILABLE!**

SEE PAGE 113



MANUAL



Operating and
Maintenance
Manual



TYPHOON 1"

BEST PRACTICE

PIT STOP / GARAGE

Product name	TYPHOON 1"
Product code	A.08.0014
Version	Cordless
Square drive	1"
Weight (with battery)	3,4 kg (7.5 lbs)
Length	260 mm (10.23")
Width	84 mm (3.3")
Height	278 mm (10.94")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1600 Nm (1180 ft-lbs) <i>Tests carried out on hub with M54x3 thread, friction coefficient <0.10 and nut/rim contact surface with 45° cone shape</i>
Amperage	6.0 Ah

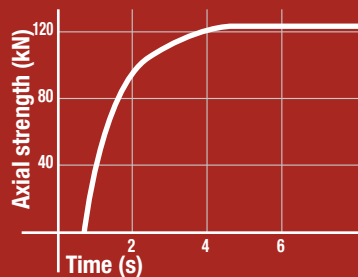
AVAILABLE VERSIONS



Special unhandled version:
loosens at same speed both
the nuts tightened clockwise
and anticlockwise

HIGHLIGHTS

- Fast, powerful and reliable
- Provided in a hard case
- Including: No. 2 Ultra Power batteries, a cable and a re-charger



NEW FLANGED SHAFT:
MUCH MORE RELIABLE!



SPLINE DRIVE
READY

MOTORSPORT SOCKET
CONNECTION

AEROSPACE ALUMINUM

LED LIGHT ON THE WORKING
POINT DURING USE

ERGONOMIC HANDLE

RAIN AND BATTERY COVER
AVAILABLE!

SEE PAGE 113

MANUAL



Operating and
Maintenance
Manual

FAST
BATTERY
CHARGER



BATTERY LEVEL
INDICATOR

LITHIUM ION BATTERY 20.0 V D.C.



TYPHOON BRUSHLESS

BEST PRACTICE

TOURING CARS



Product name	TYPHOON BRUSHLESS
Product code	A.08.0040
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.79 kg (8.35 lbs)
Length	231 mm (9.10")
Width	80 mm (3.14")
Height	295 mm (11.61")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	1000 Nm (738 ft-lbs)

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Fast and powerful
- Provided in a hard case
- 2 Batteries included, one in use and one as a spare

ALSO AVAILABLE

TYPHOON BRUSHLESS 3/4"

A.08.0058 (5 Ah)

A.08.0059 (6 Ah)

MAX TORQUE	1000 Nm
COPPIA MASSIMA	738 ft-lb

WEIGHT	3,80 Kg
PESO	8,40 lbs



MANUAL



Operating and
Maintenance
Manual



TYPHOON

BEST PRACTICE

TOURING CARS

Product name	TYPHOON 1/2"
Product code	A.08.0006
Version	Cordless
Square drive	1/2"
Weight (with battery)	3.66 kg (8.07 lbs)
Length	231 mm (9.10")
Width	87 mm (3.42")
Height	290 mm (11.42")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	880 Nm (650 ft-lbs)

ALSO AVAILABLE

Product name	TYPHOON 3/4"
Product code	A.08.0007
Square drive	3/4"
Weight (with battery)	3.70 kg (8.16 lbs)
Length	233 mm (9.17")
Max torque	1000 Nm (885 ft-lbs)

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Fast and powerful
- Provided in a hard case
- 2 Batteries included, one in use and one as a spare



**BATTERY COVER
AVAILABLE!
SEE PAGE 113**

MANUAL



Operating and
Maintenance
Manual



ROCKET

BEST PRACTICE

TOURING CARS

Product name	ROCKET
Product code	A.08.0004
Version	Cordless
Square drive	1/2"
Weight (without battery)	2.15 kg (4,74 lbs)
Length	242 mm (9.5")
Width	80 mm (3.1")
Height	255 mm (10")
Voltage	20.0V d.c.
Free speed	1650 rpm
Max torque	540 Nm (400 ft-lbs)

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Light and compact
- Built-in torque selection system
- Six Torque Sections

LIGHTER AND
MORE COMPACT!

ERGONOMIC HANDLE



TORQUE
SELECTION SYSTEM

LITHIUM ION BATTERY
20.0 V D.C.



MANUAL



Operating and
Maintenance
Manual



TORNADO

BEST PRACTICE

RALLY / OFFROAD

Product name	TORNADO
Product code	A.08.0037
Version	Cordless
Square drive	1/2"
Weight (with battery)	2.1 kg (4.62 lbs)
Length	170 mm (6.7 in)
Width	78 mm (3.07 in)
Height	257 mm (10.11 in)
Voltage	18.0V d.c.
Free speed	2450 rpm
Max torque	461 Nm (340 ft-lbs)
Amperage	5.0 Ah

INCLUDED IN THE BOX

The package contains: charger, 2 batteries, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Fast and powerful
- Provided in a hard case
- 2 Batteries included, one in use and one as a spare

BRUSHLESS MOTOR!

LED LIGHT ON THE WORKING POINT DURING USE

ERGONOMIC HANDLE

SELECTOR SWITCH (3 POSITION)

NEW LITHIUM ION BATTERY 18.0 V D.C.

FAST AND POWERFUL CORDLESS GUN

MANUAL



Operating and Maintenance Manual



TOOLKIT

BEST PRACTICE

GARAGE

Product name	TOOLKIT
Product code	A.08.0030
Version	Cordless
Square drive	1/4"
Weight (with battery)	0,88 kg (1.94 lbs)
Length	158 mm (6.22")
Width	54 mm (2")
Height	216 mm (8.50")
Voltage	10.8V d.c.
Free speed	1550 rpm
Max torque	23.5 Nm (17 ft-lbs)

INCDED IN THE BOX

The package contains: charger, 1 battery, operating and maintenance manual, after-sales suggestions.

HIGHLIGHTS

- Light and compact
- With ergonomic handle
- For garage work



MANUAL



Operating and
Maintenance
Manual

MIX AND MATCH

STANDARD PACKAGE

THE PACKAGE INCLUDES:

- CORDLESS IMPACT WRENCH
- 1 BATTERY
- OPTIONAL: 2ND BATTERY



NB: In order to guarantee the best performance for each product, please ask our customer care to sales@paoli.net and what is the recommended coupling between cordless and battery.



TYPHOON BRUSHLESS



TYPHOON 1/2" - 3/4"



ROCKET



TORNADO



TOOLKIT



TYPHOON PLUS
WITH TORQUE INDICATOR



TYPHOON PLUS



TYPHOON 1"

CONFIGURE YOUR STANDARD PACKAGE

1 Choose your cordless impact wrench (without battery)

Model	Product Code	
Typhoon Plus with Torque Indicator - Spline	LH A.08.0045	RH A.08.0046
Typhoon Plus with Torque Indicator - 1"	LH A.08.0047	RH A.08.0048
Typhoon Plus - Spline	A.08.0025	
Typhoon Plus - 1"	A.08.0027	
Typhoon 1"	A.08.0015	
Typhoon Brushless 1/2"	A.08.0031	
Typhoon 1/2"	A.08.0009	
Typhoon 3/4"	A.08.0010	
Rocket	A.08.0011	
Tornado	A.08.0038	
Toolkit	A.08.0039	

2 Choose your battery pack

	Model	Product Code
T7	2.0Ah (for Toolkit)	B.50.0016
	5.0Ah	B.50.0009
	6.0Ah	B.50.0010
	6.0Ah Enhanced	B.50.0012
T9	5.0Ah	B.50.0019
	6.0Ah	B.50.0020

MIX AND MATCH

TYPHOON PLUS WITH TORQUE INDICATOR

PRODUCT CODE - SPLINE

LH A.08.0045 - RH A.08.0046

PRODUCT CODE - 1"

LH A.08.0047 - RH A.08.0048



TYPHOON PLUS

PRODUCT CODE - SPLINE

A.08.0025

PRODUCT CODE - 1"

A.08.0027



TYPHOON 1"

PRODUCT CODE

A.08.0015



TOOLKIT

PRODUCT CODE

A.08.0039



BASIC PACKAGE

THE PACKAGE INCLUDES:

- CORDLESS IMPACT WRENCH WITHOUT BATTERY



TYPHOON BRUSHLESS 1/2"-3/4"

PRODUCT CODE - 1/2"

A.08.0031



TYPHOON 1/2"-3/4"

PRODUCT CODE - 1/2"

A.08.0009

PRODUCT CODE - 3/4"

A.08.0010



ROCKET

PRODUCT CODE

A.08.0011



TORNADO

PRODUCT CODE

A.08.0038

MIX AND MATCH

BATTERIES AND BATTERY CHARGER

BATTERY PACK

Lithium ion battery pack 20.0 V D.C.

- Options available:
5.0Ah - 6.0Ah
- Remaining capacity Led indicator



	Battery Models	Product Code
T7	2.0Ah - for Toolkit	B.50.0016
	5.0Ah	B.50.0009
	6.0Ah	B.50.0010
	6.0Ah Enhanced	B.50.0012
T9	5.0Ah	B.50.0019
	6.0Ah	B.50.0020



CHARGING TIME

Battery Pack	Battery charger	
	B.50.0002	B.50.0011
5.0Ah	120 min	80 min
6.0Ah	140 min	100 min

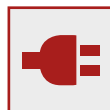


BATTERY ADAPTER - T7 to T9
B.50.0021

BATTERY CHARGER

Battery charger for Paoli cordless impact wrenches.

- Led light indicators
- Battery diagnosis indicator
- Cable (available versions: EU, UK, US)



	Product name	Product Code
T7	2.0Ah - for Toolkit	B.50.0017
	5.0Ah - 6.0Ah	B.50.0011
T9	5.0Ah - 6.0Ah	B.50.0018



CHOOSE YOUR CABLE

Cable version	Product code
EU	B.50.0003
UK	B.50.0004
US	B.50.0005

HARD CASE

MIX AND MATCH

HARD CASE

Hard case for Paoli cordless impact wrenches.

Designed to hold:

- Impact wrench
- Batteries
- Battery charger



Product name	Product Code
Rocket case	T.03.11.0015
Typhoon case	T.03.11.0014
Tornado case	T.03.11.0016





PAOLI SOCKETS

The new Paoli wheel nut sockets

PAOLI SOCKETS



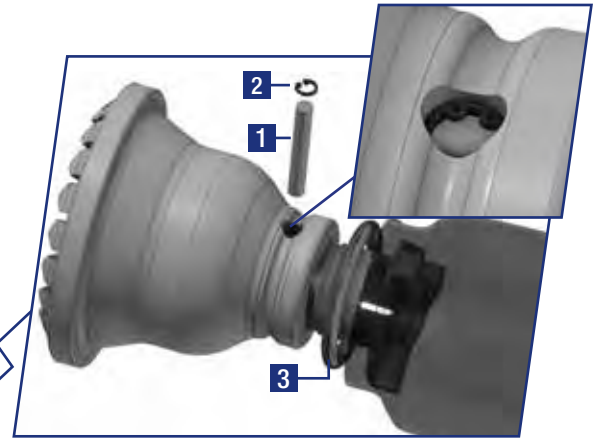
The new Paoli sockets are an unprecedented product and the result of a long and complex engineering research. The continuous consultation with many customers such as **ORECA**  **NASCAR**  and many others has meant that the technological development of Paoli sockets went hand in hand with the real needs of the teams in terms of **VERSATILITY, SAFETY, MATERIALS** and **MAINTENANCE**.

- Three different materials: titanium, special steel and aerospace aluminium. The first and the second are suitable for the race application, the third one is suitable for non-intensive use and torque wrench.
- Innovative design, attractive shapes and aesthetically pleasing.
- Accuracy in fitting the socket to the square drive, perfect clearance that allows the socket to be assembled and disassembled just by hand.
- Innovative safety system to insert the pin through the socket/square drive hole:
 - Unbalance of the center of the pin on the side of the blind hole
 - Elastic ring to prevent pin ejection
 - Cover O-ring

Maximum safety, assembly precision and reduced assembly times.

- Insertion of service holes for maintenance of magnets: replacing magnets is quick and easy, with a simple plug-locator.
- Internal 'O' ring retaining nut made from new Paoli Sockets material. The customized resin gives the socket an ideal grip with its high gripping power.
- The Paoli Sockets Service Kit for the maintenance and replacement of worn parts contains everything needed to work on the socket simply and safely. A brief instruction manual indicates the optimum way to carry out operations (E.g. replacement and subsequent refinement of magnets).

INTERNAL 'O' RING RETAINING NUT ESPECIALLY MADE FOR PAOLI SOCKETS.



INNOVATIVE SAFETY SYSTEM

- 1 Insert the locking pin in transverse hole of the wheel nut socket.
- 2 Place the elastic ring for bore in the seat formed in the hole where the locking pin was positioned, to prevent it from escaping.
- 3 Place the retaining O-ring in the housing on the collar of the wheel nut socket.

REPLACING MAGNETS IS QUICK AND EASY THANKS TO REAR SERVICE HOLES.



ALSO AVAILABLE IN AEROSPACE ALUMINIUM, SUITABLE FOR TORQUE WRENCH APPLICATIONS.

ACCURACY IN FITTING THE SOCKET TO THE WRENCH (MINIMAL CLEARANCE).

INNOVATIVE DESIGN, ATTRACTIVE SHAPES AND AESTHETICALLY PLEASING.

MANUAL



Operating and Maintenance Manual

“GHOST MAGNETS” TECHNOLOGY

Designed for the **PORSCHE 992 GT3 R**, the wheel socket with “ghost magnets” technology features Paoli’s patented Spline system and an innovative retention system for the center lock nuts.

The magnets are fully surrounded and protected during use. It’s an advanced technology also used in wheel sockets **developed for NASCAR** and **BMW M4 GT3**.



GHOST MAGNETS



VISIBLE MAGNETS

The magnets can be held in place by an O-ring for easy inspection or be covered with a special resin that makes them totally immovable.



O-RING



SPECIAL RESIN

SPLINE DRIVE TECHNOLOGY

PATENTED
PRODUCT

From **PAOLI'S EXPERIENCE** and its cutting edge sectorial engineering research a new technology is born: the **SPLINE DRIVE**. The work in R&D of the Paoli highly skilled technicians and the partnership with the most recognized racing teams has allowed the development of an innovative and greatly performing product. A spline drive wheel gun differs from a square drive tool mainly in the teeth that connect the anvil with the socket.

This means the following advantages:

- More **EFFICIENT CONNECTION** than traditional square drive anvil thanks to the elimination of gap and vibrations
- More **DURABILITY** due to less wear
- More comfort and **SAFETY FOR THE OPERATOR** thanks to the removal of the pin



ANVIL-SOCKET FIXING SYSTEM!

The wheel nut socket is connected to the anvil by a cutting edge fixing screw system.



SOCKETS CONFIGURATOR

BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE	BEST PRACTICE	CODE	DRIVE	MATERIAL	STOCK	PAGE
FERRARI F488/F296	B.28.0104	Spline	300M steel	In stock	85	MERCEDES A GT3	B.28.0133	Square 1"	Grade 5 titanium	In stock	92
	B.28.0106	Square 1"	300M steel	In stock	85		B.28.0137	Spline	Grade 5 titanium	In stock	92
	B.28.0107	Square 1"	Grade 5 titanium	In stock	86		B.28.0119	Square 1"	7075 aluminium alloy	On demand	99
	B.28.0090	Spline	Grade 5 titanium	In stock	86	MCLAREN 720 GT3/GT3 EVO/GTX	B.28.0157	Square 1"	Grade 5 titanium	In stock	93
	B.28.0136	Square 1"	7075 aluminium alloy	In stock	87		B.28.0149	Spline	Grade 5 titanium	In stock	93
	B.28.0058	Square 1"	Grade 5 titanium	On demand	98	FORMULA E	B.28.0156	Spline	Grade 5 titanium	In stock	94
HURACAN GT3 & AUDI R8 GT3	B.28.0108	Spline	Grade 5 titanium	In stock	87	SUPER FORMULA	B.28.0152	Spline	300M steel	In stock	94
	B.28.0081	Spline	300M steel	In stock	88		B.28.0080	Spline	Grade 5 titanium	In stock	96
	B.28.0050	Square 1"	300M steel	In stock	88	INDYCAR	B.28.0033	Square 1"	Grade 5 titanium	In stock	96
BMW M4 GT3	B.28.0132	Spline	Grade 5 titanium	In stock	89		B.28.0161	Square 1"	Grade 5 titanium	In stock	95
	B.28.0131	Square 1"	Grade 5 titanium	In stock	89	FERRARI F488/F296 & FERRARI 599XX	B.28.0151	Spline	300M steel	On demand	98
	B.28.0153	Square 1"	300M steel	In stock	90	LAMBORGHINI HURACAN & AUDI RSR	B.28.0095	Square 1"	300M steel	On demand	99
PORSCHE 991/992 GT3-R	B.28.0139	Spline	Grade 5 titanium	In stock	90	ASTON MARTIN	B.28.0144	Spline	Grade 5 titanium	On demand	100
	B.28.0140	Square 1"	Grade 5 titanium	In stock	91						
PORSCHE 991/992 CUP	B.28.0052	Square 1"	7075 aluminium alloy	In stock	91						

IN STOCK

FERRARI



F488/F296

BEST PRACTICE → GT3 SERIES

CODE	B.28.0104
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	-
TEETH NUMBER	12



F488/F296

BEST PRACTICE → GT3 SERIES

CODE	B.28.0106
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	-
TEETH NUMBER	12



F488/F296

BEST PRACTICE → GT3 SERIES

CODE	B.28.0107
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12

F488/F296

BEST PRACTICE → GT3 SERIES

CODE	B.28.0090
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12

FERRARI



F488/F296

BEST PRACTICE → FERRARI CHALLENGE

CODE	B.28.0136
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	circlip
TEETH NUMBER	20

LAMBORGHINI - AUDI



HURACAN GT3 / AUDI R8 GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0108
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	magnets
TEETH NUMBER	10

LAMBORGHINI - AUDI



HURACAN GT3 / AUDI R8 GT3

BEST PRACTICE → LAMBORGHINI GT3 SERIES

CODE	B.28.0081
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10



HURACAN GT3 / AUDI R8 GT3

BEST PRACTICE → LAMBORGHINI GT3 SERIES

CODE	B.28.0050
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10

GHOST MAGNETS SOCKET



BMW M4 GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0132
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12

GHOST MAGNETS SOCKET



BMW M4 GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0131
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12

BMW**NEW****GHOST MAGNETS SOCKET****BMW M4 GT3****BEST PRACTICE → GT3 SERIES**

CODE	B.28.0153
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	12

PORSCHE**GHOST MAGNETS SOCKET****PORSCHE 991/992 GT3-R****BEST PRACTICE → GT3 SERIES**

CODE	B.28.0139
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	18

GHOST MAGNETS SOCKET



PORSCHE 991/992 GT3-R

BEST PRACTICE → GT3 SERIES

CODE	B.28.0140
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets
TEETH NUMBER	18



ALUMINIUM SOCKET:
ONLY FOR TORQUE
WRENCH APPLICATION

PORSCHE 991/992 CUP

BEST PRACTICE → PORSCHE CUP

CODE	B.28.0052
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	O-ring
TEETH NUMBER	15

MERCEDES



NEW



MERCEDES AMG GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0133
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12

MERCEDES AMG GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0137
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	12

MCLAREN

GHOST MAGNETS SOCKET



B.28.0157

B.28.0149

MCLAREN 720 GT3/GT3 EVO/GTX

BEST PRACTICE → GT3 SERIES

CODE	B.28.0157	B.28.0149
DRIVE	1"	Paoli Spline
MATERIAL	Grade 5 titanium	Grade 5 titanium
RETENTION SYSTEM	ghost magnets	ghost magnets
TEETH NUMBER	10	10



FORMULA E

NEW



FORMULA E

BEST PRACTICE → FORMULA E

CODE	B.28.0156
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	circlip

SUPER FORMULA



SUPER FORMULA

BEST PRACTICE → SUPER FORMULA

CODE	B.28.0152
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	circlip

INDYCAR

NEW

GHOST MAGNETS SOCKET



INDYCAR

BEST PRACTICE → INDYCAR

CODE	B.28.0161
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	ghost magnets and o-ring
TEETH NUMBER	20



INDYCAR



BEST PRACTICE → INDYCAR

CODE	B.28.0080
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	magnets and o-ring
TEETH NUMBER	20



BEST PRACTICE → INDYCAR

CODE	B.28.0033
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	magnets and o-ring
TEETH NUMBER	20



ON DEMAND

FERRARI



F488/F296

BEST PRACTICE → GT3 SERIES

CODE	B.28.0058
DRIVE	1"
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	24



F488/F296 & FERRARI 599XX

BEST PRACTICE → F488/F296 CHALLENGE & FERRARI 599XX

CODE	B.28.0151
DRIVE	Paoli Spline
MATERIAL	300M steel
RETENTION SYSTEM	circlip
TEETH NUMBER	20

MERCEDES



MERCEDES AMG GT3

BEST PRACTICE → GT3 SERIES

CODE	B.28.0119
DRIVE	1"
MATERIAL	7075 aluminium alloy
RETENTION SYSTEM	-
TEETH NUMBER	24

LAMBORGHINI - AUDI



LAMBORGHINI HURACAN & AUDI RSR

BEST PRACTICE → GT3 SERIES

CODE	B.28.0095
DRIVE	1"
MATERIAL	300M steel
RETENTION SYSTEM	magnets
TEETH NUMBER	10

ASTON MARTIN



ASTON MARTIN

BEST PRACTICE → GT3 SERIES

CODE	B.28.0144
DRIVE	Paoli Spline
MATERIAL	Grade 5 titanium
RETENTION SYSTEM	-
TEETH NUMBER	22

SPLINE SOCKETS SERVICE KIT



CODE: B.23.0222

The kit includes:

- 1 adjustable hook wrench with round pin
- 3 disc springs
- 3 self-locking washers
- 1 axial retaining screw

CODE: B.23.0243

The kit includes:

- 3 disc springs
- 3 self-locking washers
- 1 axial retaining screw

INSERT ADAPTERS



Recommended just for garage use.
With this compact insert adapter to a bigger square drive the overall length is reduced to an absolute minimum.
The insert adapter sticks to the socket by means of a magnet.

CODE	WHEEL GUN	SOCKETS
B.29.0001	1/2"	3/4"
B.29.0002	3/4"	1"

SOCKET RINGS, RETAINERS & SEEGER



WARNING!

Always ensure the correct installation of the retainer to avoid the risks of working with a loose socket!

CODE	RINGS	RETAINERS	SEEGER
B.28.0052			
B.28.0058			
B.28.0033			
B.28.0095			
B.28.0106			
B.28.0107			
B.28.0034			
B.28.0119			
B.28.0050	B.30.02.0004	B.30.01.0014	D.09.08.0043
B.28.0136			
B.28.0143			
B.28.0153			
B.28.0140			
B.28.0131			
B.28.0133			
B.28.0157			
B.28.0051			



PAOLI WHEEL HUBS

Thanks to years of experience in the production of motor-sport wheel guns, sockets and nuts, Dino Paoli S.R.L. is finally ready to add wheel hubs to its product offering. The expansion of our manufacturing capabilities, the dedication of our workers and the knowledge gained over the years by our team of engineers alongside major racing teams has made us ready to take on any engineering challenge.



CONTACT US!
OUR TEAM WILL BE AT YOUR SERVICE

PAOLI WHEEL NUTS

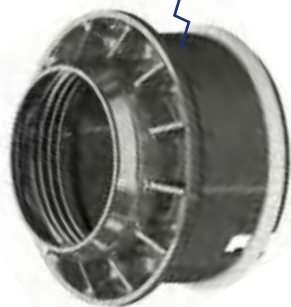
Paoli is not only the go to for wheel guns: from the experience gained on the field and the internal engineering research, a new complete racing parts supply service is born. The R&D work of our highly qualified technicians, the cooperation with some of the most famous racing teams, and our 50 years long experience as wheel gun constructors make us experts in the field of forces applied to the **WHEEL NUTS** and in knowing how to manage them in order to improve **TOUGHNESS, DURABILITY** and **RELIABILITY** of the products.

We look at the system of wheel gun, socket, nut, and wheel hub as a whole to be optimised together in order to achieve a **FAST** and **SAFE PIT STOP**.



HIGH GRADE
AERONAUTICAL STEEL

HIGH QUALITY
SURFACE FINISHING



ANTI OXIDATION
COATING



IN STOCK

FERRARI



COMPATIBLE WITH F488/F296

CODE	VERSION	DESCRIPTION
B.32.0030	LH - aerospace steel	with slots
B.32.0031	RH - aerospace steel	with slots

ON DEMAND WE ARE ABLE TO PRODUCE AND SUPPLY MORE WHEEL NUTS FOR DIFFERENT SPECIFIC NEEDS



FAST REVERSE DEVICES

Speed up your wheel gun shuttle motion

E-SHUTTLE

BEST PRACTICE

MOTORSPORT APPLICATIONS



The E-Shuttle is the latest wheel gun equipment which enhance the traditional manual spool position swap to a fully automatic motion. The combination of electronic power and software control guarantees higher accuracy and repeatability allowing changes in less than 15 hundredths of a second. The operator can now command the spool position with a conventional switch that, conveniently located, can reduce effort and time of actuation.

The entire system is controlled by an electronic circuit housed in the back cover which logs and shares many analog and digital signal via CANBUS communication protocol; and it is powered with a 12 volts, 2 ampères supply.

The E-Shuttle system logs and controls several parameters:

- SOCKET ROTATION ANGLE RPM
- TELEMETRY PRESSURE
- E-SHUTTLE TELEMETRIC DATA
- SPOOL POSITION

Product name

E-SHUTTLE V5.2

E-SHUTTLE V7

Product code LH Version

B.23.0219

B.23.0228

Product code RH Version

B.23.0220

B.23.0229

AVAILABLE ACCESSORIES

- Telemetry pressure sensor and hose
- Angle sensor Kit
- Spool switch and cable

HIGHLIGHTS

- Ease of actuation
- 0.15s spool change
- Repeatability



FAST SHIFT



CODE	DESCRIPTION	APPLY ON
B.23.0187	LH 2-PORT BLUE	
B.23.0189	RH 2-PORT RED	HURRICANE
B.23.0188	LH 3-PORT BLUE	CLASSIC HANDLE
B.23.0190	RH 3-PORT RED	
B.23.0183	LH 2-PORT BLUE	
B.23.0185	RH 2-PORT RED	HURRICANE
B.23.0184	LH 3-PORT BLUE	90° ANGLED HANDLE
B.23.0186	RH 3-PORT RED	
B.23.0175	LH 2-PORT BLUE	
B.23.0179	RH 2-PORT RED	DP 6000
B.23.0177	LH 3-PORT BLUE	CLASSIC HANDLE
B.23.0181	RH 3-PORT RED	
B.23.0176	LH 2-PORT RED	
B.23.0180	RH 2-PORT RED	DP 6000
B.23.0178	LH 3-PORT BLUE	90° ANGLED HANDLE
B.23.0182	RH 3-PORT RED	



- Operator-controlled auto-reverse device
- Operator-friendly
- Increased speed of wheel gun direction-change
- Light weight: 430 grams

The Fast shift is an active system. So, to activate the inversion, it is sufficient to release the lever.



WHEEL GUN OPTIONALS

Enhance your Paoli guns

FAST REVERSE SYSTEM



B.31.0001

Available only for DP 2000 S, DP 2000 SE, DP 197 SFE,
DP 177 SFE



B.31.0016



B.31.0017



B.31.0018

Available for DP 3000, DP 4000 ALU, SUPERSPORT,
DP 3000 SUPERSPORT, DP 4000 BIAS, DP 5000
BIAS, DP6000 BIAS, DP 5000 TI MARK II, DP 6000,
BLUEDEVIL.



B.31.0009



B.31.0010



B.31.0013



B.31.0005
(B.31.0019 only for
DP3000 SUPERSPORT)

Available only for wheel guns DP 3000, DP 4000 ALU,
SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II,
5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.



B.31.0033

Available only for wheel guns DP 3000, DP 4000 ALU,
SUPERSPORT, DP 4000 BIAS, DP 5000 TI MARK II,
5000 BIAS, DP 6000 BIAS, DP 6000 and HURRICANE.

DOUBLE STAGE TRIGGER



DOUBLE STAGE

B.23.0132

This new system has been designed to act easily on the trigger even at very high pressures (over 25 bar).

AVAILABLE FOR:

- 5000 TI MARK II
- 5000 TI MARK II TSA
- 4000 ALU (only for models from January 2015)

TRIGGERS



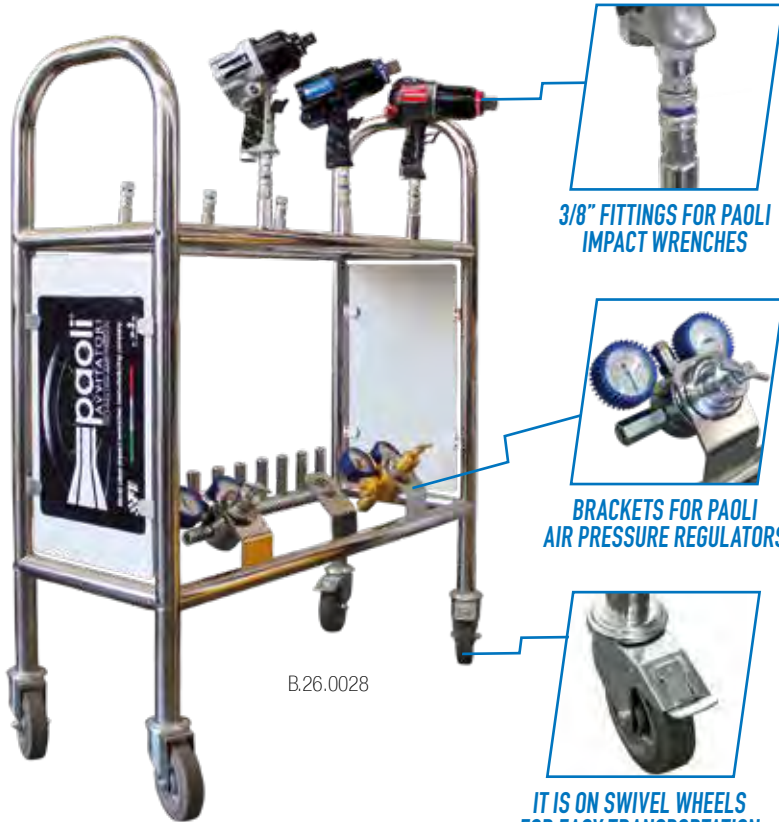
CODE	MATERIAL	AVAILABLE FOR
D.01.21.0070	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (90° angled handle)
D.01.21.0069	Martensitic PH 17.4 Stainless Steel	HURRICANE - DP 6000 DP 5000 TI MARK II (72° angled handle)
D.01.21.0028	Steel	DP 6000 - DP 5000 TI MARK II DP 4000ALU
D.01.21.0027	PA w/ glass fiber	DP 6000 - DP 5000 TI MARK II DP 4000 ALU
D.01.21.0001	PA w/ glass fiber [standard]	DP 5000 TI MARK II DP 4000 BIAS DP 4000 ALU
D.01.21.0026	PA w/ carbon fiber	DP 6000 - DP 5000 TI MARK II DP 4000 ALU

PAOLI DISPLAYERS

Demountable stand for Paoli wheel guns, air pressure regulators and accessories.

Easy to be disassembled.

Side panel graphics can be customized on request.



B.26.0028

**3/8" FITTINGS FOR PAOLI
IMPACT WRENCHES**

**BRACKETS FOR PAOLI
AIR PRESSURE REGULATORS**

**IT IS ON SWIVEL WHEELS
FOR EASY TRANSPORTATION**



B.26.0015

Table displayers made of steel for Paoli impact wrenches with quick release couplings included.

Models available:

- 1 position (B.26.0015)
- 3 positions (B.26.0009)
- 5 positions (B.26.0010)

WHEEL GUN BAGS



B.19.0011

Made of technical fabric with polyethylene foam padding.
Removable padding.

Hand wash with soap and water (not washing machine).

- New design: more ergonomic!
- Each bag can contain: 2 wheel guns with sockets mounted on
- Tags available

COVERS – PAOLI ELECTRIC



RAIN COVER

Rain protective cover made of rubber.

Embroidery available in:

 black

AVAILABLE FOR	PRODUCT CODE
Typhoon Plus with torque indicator	
Typhoon Plus	B.18.0073
Typhoon 1"	



BATTERY COVER

Protects the battery from impact and prevents its unhook.

AVAILABLE FOR	PRODUCT CODE
Typhoon Plus with torque indicator	
Typhoon Plus	B.50.0023
Typhoon 1"	
Typhoon	

TORQUE INDICATOR PROTECTIVE COVER COMING SOON!

Covers specifically designed to protect your typhoon's electronics from impacts and drops.

COVERS - PNEUMATIC WHEEL GUN



**TRANSPARENT
PLASTIC COVER**

AVAILABLE FOR PRODUCT
CODE

HURRICANE B.18.0050

DP 6000
DP 5000 TI B.18.0013
DP 4000 ALU

DP 5000 BIAS - B.18.0043
DP 6000 BIAS

DP 2000 S, SE B.18.0000

DP 4000 BIAS B.18.0024

DP 197 SFE B.18.0001

DP 36 SF EVO B.18.0006
4BIKE



**BALLISTIC
NYLON COVER**

Technical fabric cover made of ballistic nylon.
Strong and durable, thick and resistant.

Available in:

 black  red  blue

AVAILABLE FOR PRODUCT CODE

HURRICANE B.18.0047 black

HURRICANE B.18.0048 red

HURRICANE B.18.0049 blue

DP 6000, B.18.0031 black
DP 5000 TI,

DP 4000 ALU B.18.0032 red

DP 6000, B.18.0033 blue
DP 5000 TI,

DP 4000 ALU B.18.0056 black

DP 3000 B.18.0057 red
SUPERSPORT

DP 3000 B.18.0058 blue
SUPERSPORT

Other models coming soon.



**CARBON LOOK
COVER**

Cover made of leather with carbon texture,
with 3 mm thick internal padding made of
high density closed cell sponge.

Embroidery available in:

 red  blue
 yellow  light blue  white

AVAILABLE FOR PRODUCT CODE

HURRICANE B.18.0068 red

HURRICANE B.18.0069 blue

HURRICANE B.18.0070 yellow

HURRICANE B.18.0071 light blue

HURRICANE B.18.0072 white

DP 6000, B.18.0063 red
DP 5000 TI,

DP 4000 ALU B.18.0064 blue

DP 4000 30BAR B.18.0065 yellow

DP 4000 30BAR B.18.0066 light blue

DP 4000 30BAR B.18.0067 white

Different embroidery color
available on demand.



RUBBER COVER

AVAILABLE FOR PRODUCT
CODE

4BIKE B.18.0006

DP1050 B.18.0037

GRIP TAPES



B.23.0076



T.02.0030



T.02.0023



T.02.0022

PRODUCT CODE	DESCRIPTION
T.02.0030	Handle sticker for HURRICANE 90° ANGLED HANDLE, DP 6000 90° ANGLED HANDLE
T.02.0023	Handle sticker for HURRICANE 72° ANGLED HANDLE, DP 6000 72° ANGLED HANDLE, DP 5000 TI, DP 4000 ALU, DP 2000 SE, SUPERSPORT, DP 197 SFE
T.02.0022	Handle sticker for DP 36 SF EVO
B.23.0076	Grip Tape (15 m x 50 mm)

LABELS



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
HURRICANE 2.0	LH Version T.02.0097	T.02.0212
	RH Version T.02.0099	T.02.0213
	UH Version T.02.0098	T.02.0214



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
SUPERSPORT	LH Version T.02.0097	T.02.0088
NEXTGEN	RH Version T.02.0099	T.02.0089
	UH Version T.02.0098	T.02.0090



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 2000 SE	LH Version T.02.0097	T.02.0091
DP 197 SFE	RH Version T.02.0099	T.02.0092
DP 177 SFE	UH Version T.02.0098	T.02.0093
DP 36 SF EVO		



AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 6000 BIAS	T.02.00158	T.02.0095

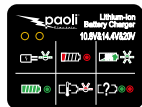


AVAILABLE FOR	PRODUCT CODE	
	Cover	Handle
DP 6000 CLASSIC HANDLE	LH Version T.02.0097	T.02.0096
DP 6000 90° ANGLED HANDLE	RH Version T.02.0099	T.02.0094
DP 6000 SPLINE		
DP 5000 TI MARK II		
DP 4000 ALU	UH Version T.02.0098	T.02.0095
DP 4000 30BAR		



AVAILABLE FOR	PRODUCT CODE		
	Cover	Handle	Battery
TYPHOON PLUS WITH TORQUE INDICATOR	LH Version T.02.0226, T.02.0228	T.02.0192	T.02.0189
	RH Version T.02.0227, T.02.0228	T.02.0192	T.02.0189

LABELS



AVAILABLE FOR PRODUCT CODE

TYPHOON PLUS T.02.0183,
T.02.0098

TYPHOON 1" T.02.0232,
T.02.0098

AVAILABLE FOR PRODUCT CODE

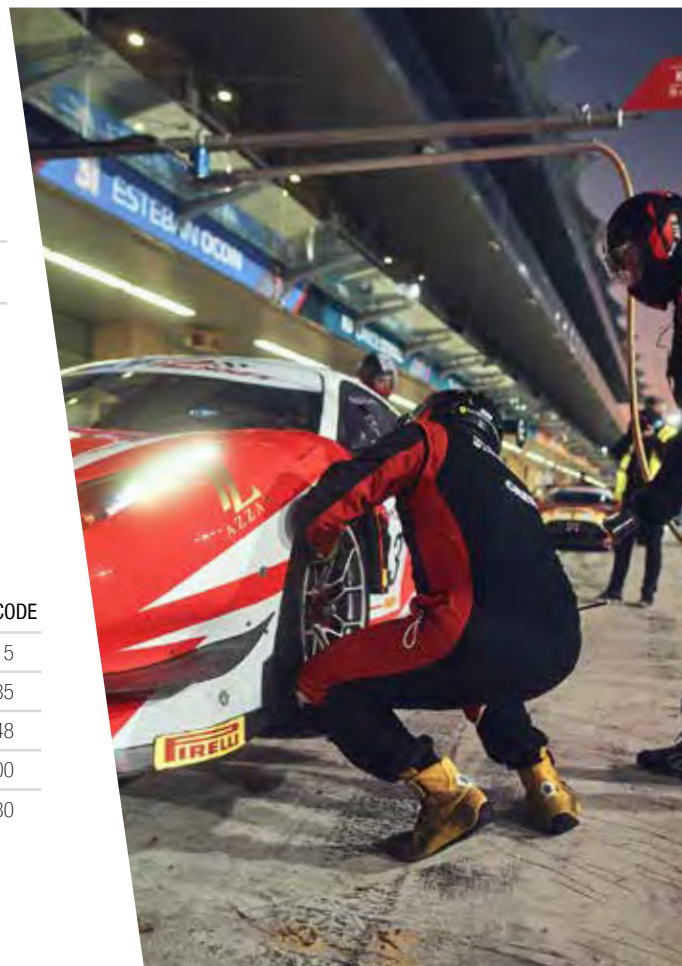
TYPHOON BRUSHLESS T.02.0215

TYPHOON 1/2" T.02.0135

TYPHOON 3/4" T.02.0148

ROCKET T.02.0100

TORNADO T.02.0230





UNDER.10

ISR
FUEL
STOP
BOX



50 years a

50

50

RAVENNA

paoli®
PIT STOP
SPEED YOUR RACE

anniversary celebration
anniversary celebration
anniversary celebration

MAGSEAM
SEAMLESS SWIRLING

AIR SUPPLY SYSTEM

Equipment for the maximum power



AIR SUPPLY SYSTEM



QUICK RELEASE
COUPLINGS

124



HOSES

136



AIR BOTTLES
& TROLLEYS

152



TURNING
CONNECTORS

132



AIR PRESSURE
REGULATORS

138



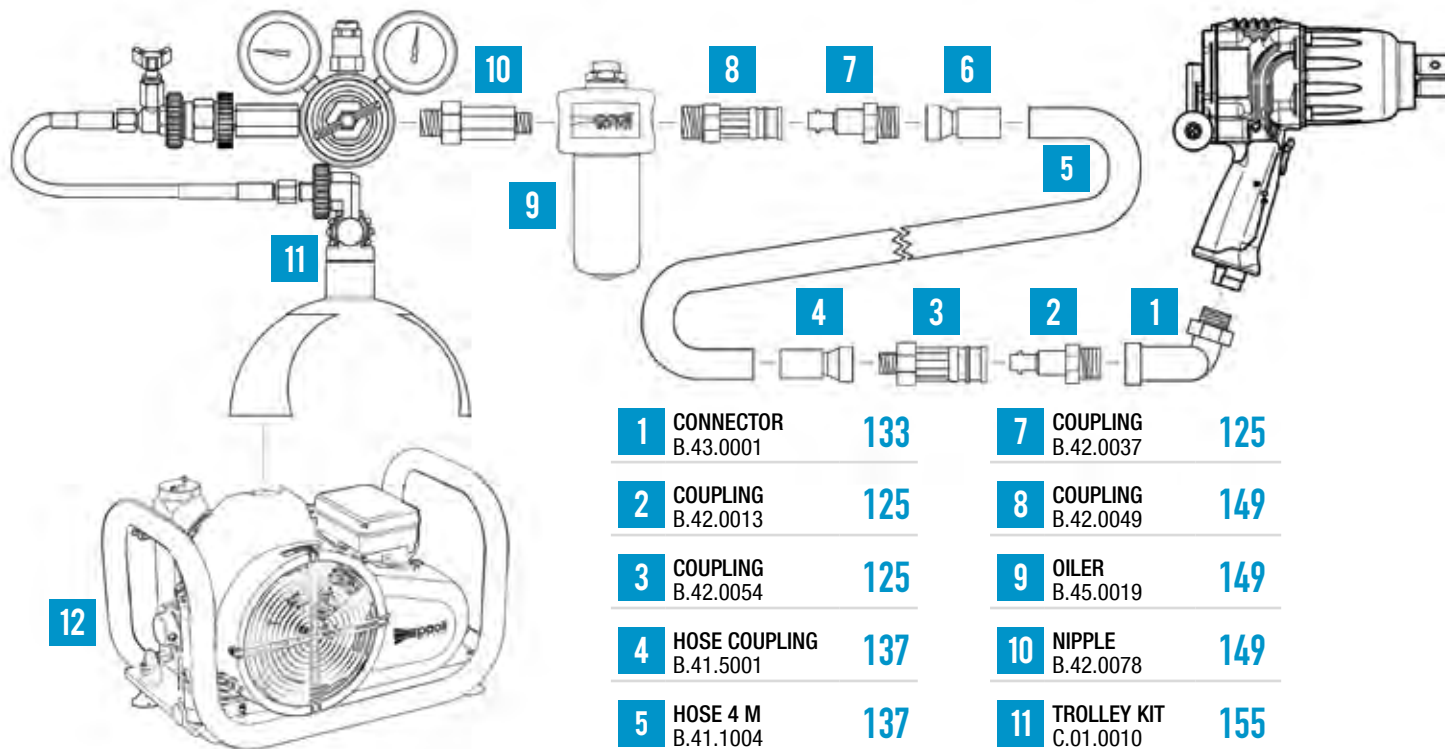
AIR BOTTLE
COMPRESSORS

162

RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

1/2" FITTING

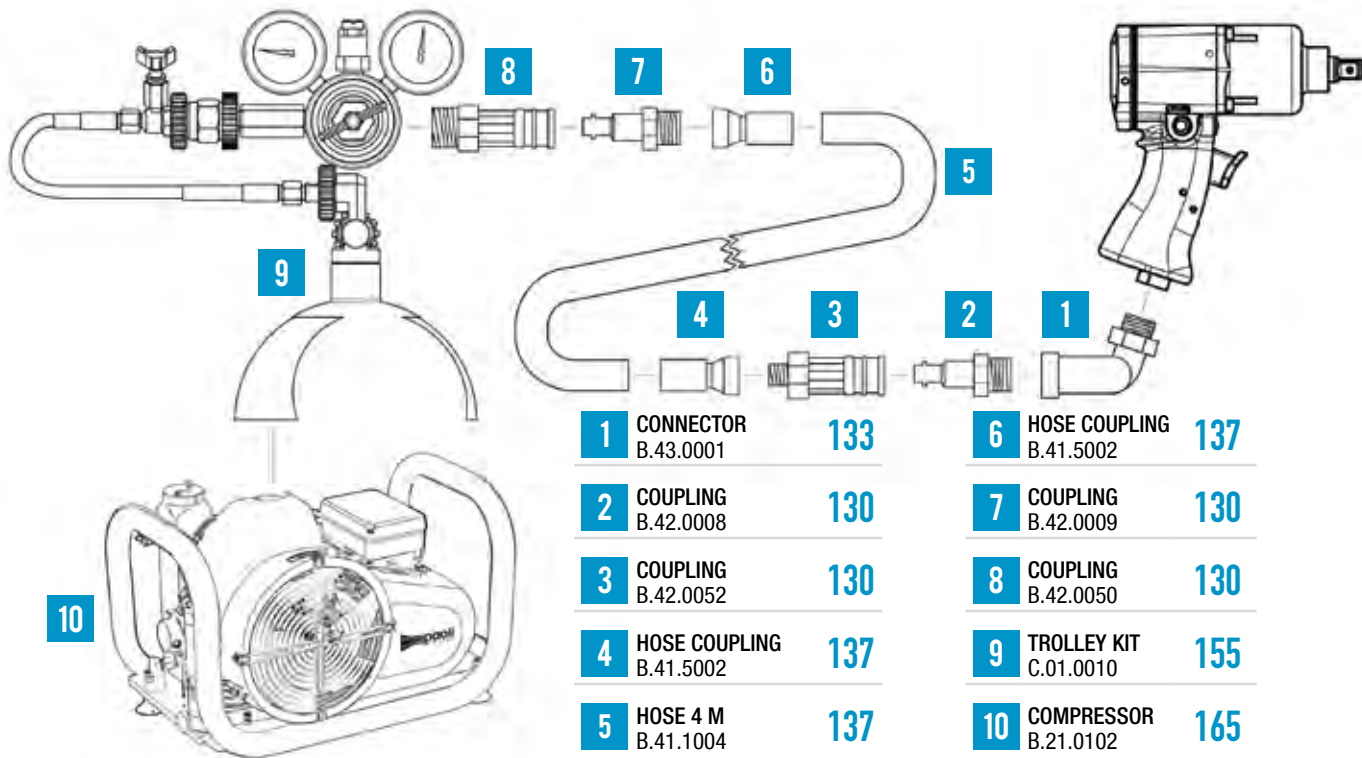


1	CONNECTOR B.43.0001	133	7	COUPLING B.42.0037	125
2	COUPLING B.42.0013	125	8	COUPLING B.42.0049	149
3	COUPLING B.42.0054	125	9	OILER B.45.0019	149
4	HOSE COUPLING B.41.5001	137	10	NIPPLE B.42.0078	149
5	HOSE 4 M B.41.1004	137	11	TROLLEY KIT C.01.0010	155
6	HOSE COUPLING B.41.5001	137	12	COMPRESSOR B.21.0102	165

RECOMMENDED PAOLI PIT STOP SYSTEM

SUITABLE FOR: DP 36 SF EVO • 4BIKE

3/8" FITTING



1	CONNECTOR B.43.0001	133	6	HOSE COUPLING B.41.5002	137
2	COUPLING B.42.0008	130	7	COUPLING B.42.0009	130
3	COUPLING B.42.0052	130	8	COUPLING B.42.0050	130
4	HOSE COUPLING B.41.5002	137	9	TROLLEY KIT C.01.0010	155
5	HOSE 4 M B.41.1004	137	10	COMPRESSOR B.21.0102	165

QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

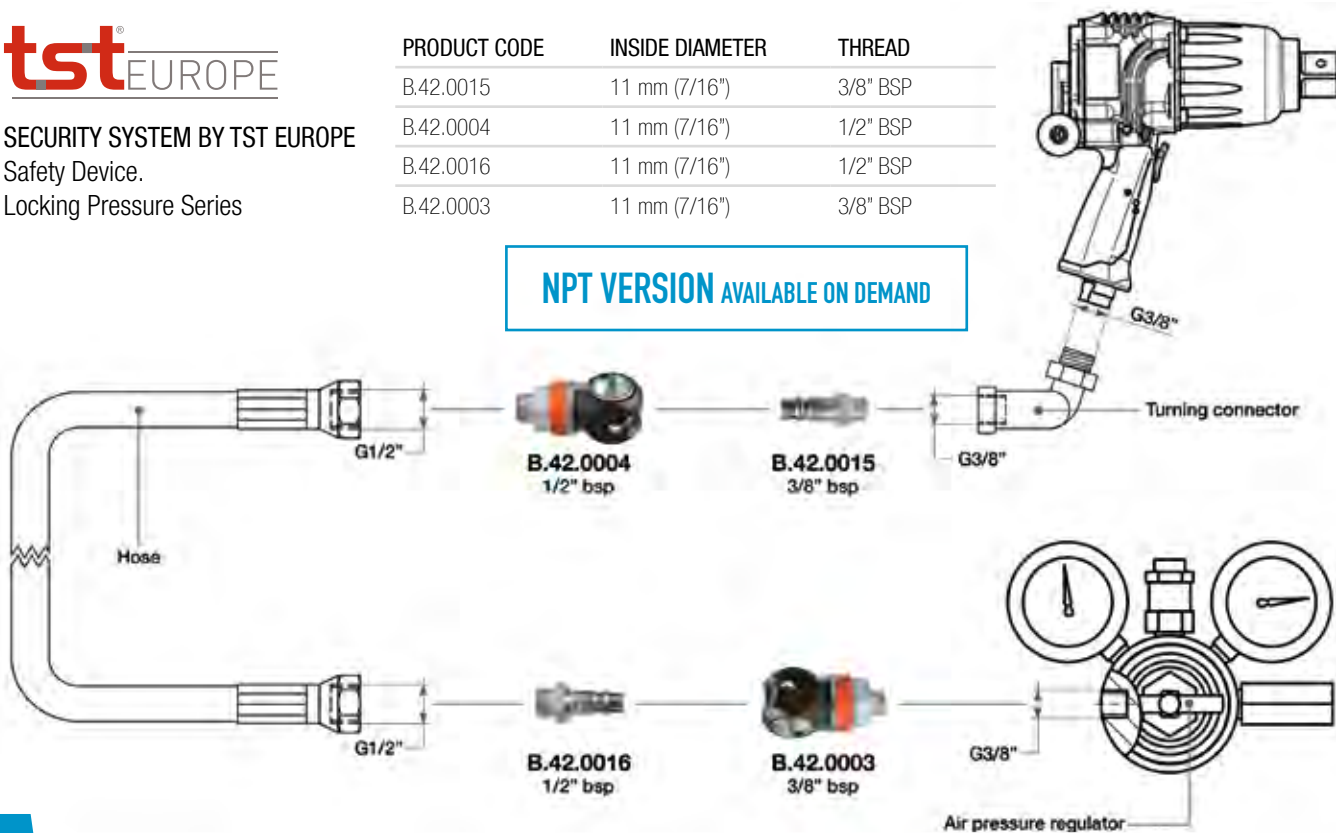
SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

tst EUROPE

SECURITY SYSTEM BY TST EUROPE
Safety Device.
Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0015	11 mm (7/16")	3/8" BSP
B.42.0004	11 mm (7/16")	1/2" BSP
B.42.0016	11 mm (7/16")	1/2" BSP
B.42.0003	11 mm (7/16")	3/8" BSP

NPT VERSION AVAILABLE ON DEMAND



QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

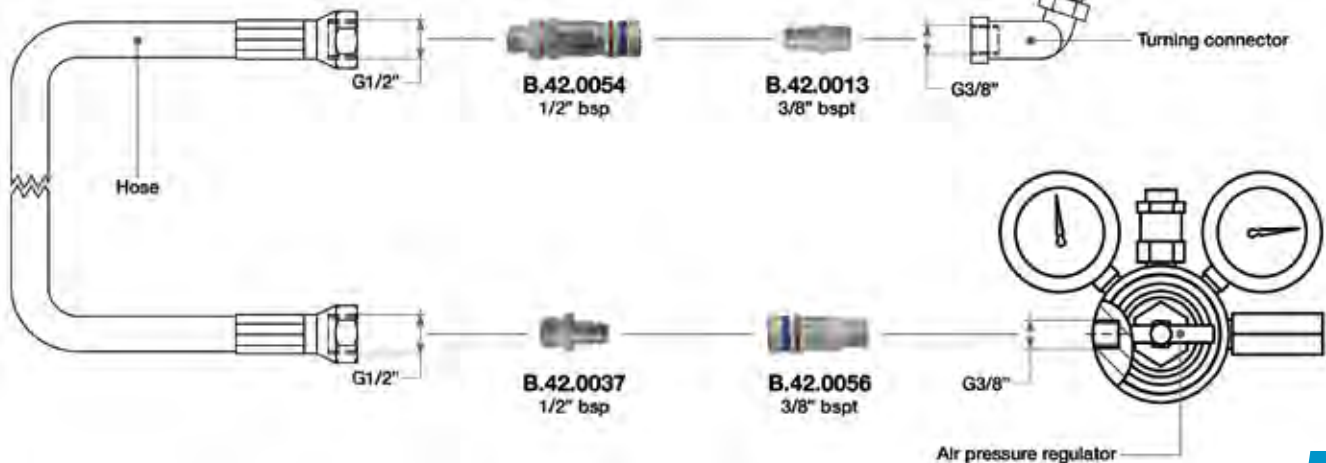
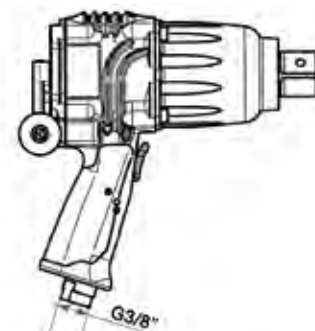


ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0013	10,4 mm (13/32")	3/8" BSPT
B.42.0054	10,4 mm (13/32") ID 60°	1/2" BSP
B.42.0037	10,4 mm (13/32") ID 60°	1/2" BSP
B.42.0056	10,4 mm (13/32")	3/8" BSPT

NPT VERSION AVAILABLE ON DEMAND



QUICK RELEASE COUPLINGS 1/2" (FOR HOSE THREADED 1/2" BSP)

SUITABLE FOR: HURRICANE • DP 6000 • DP 6000 BIAS • DP 4000 ALU • DP 4000 30BAR • DP 3000 SUPERSPORT • DP 2000 SE • DP 197 SFE • DP 177 SFE

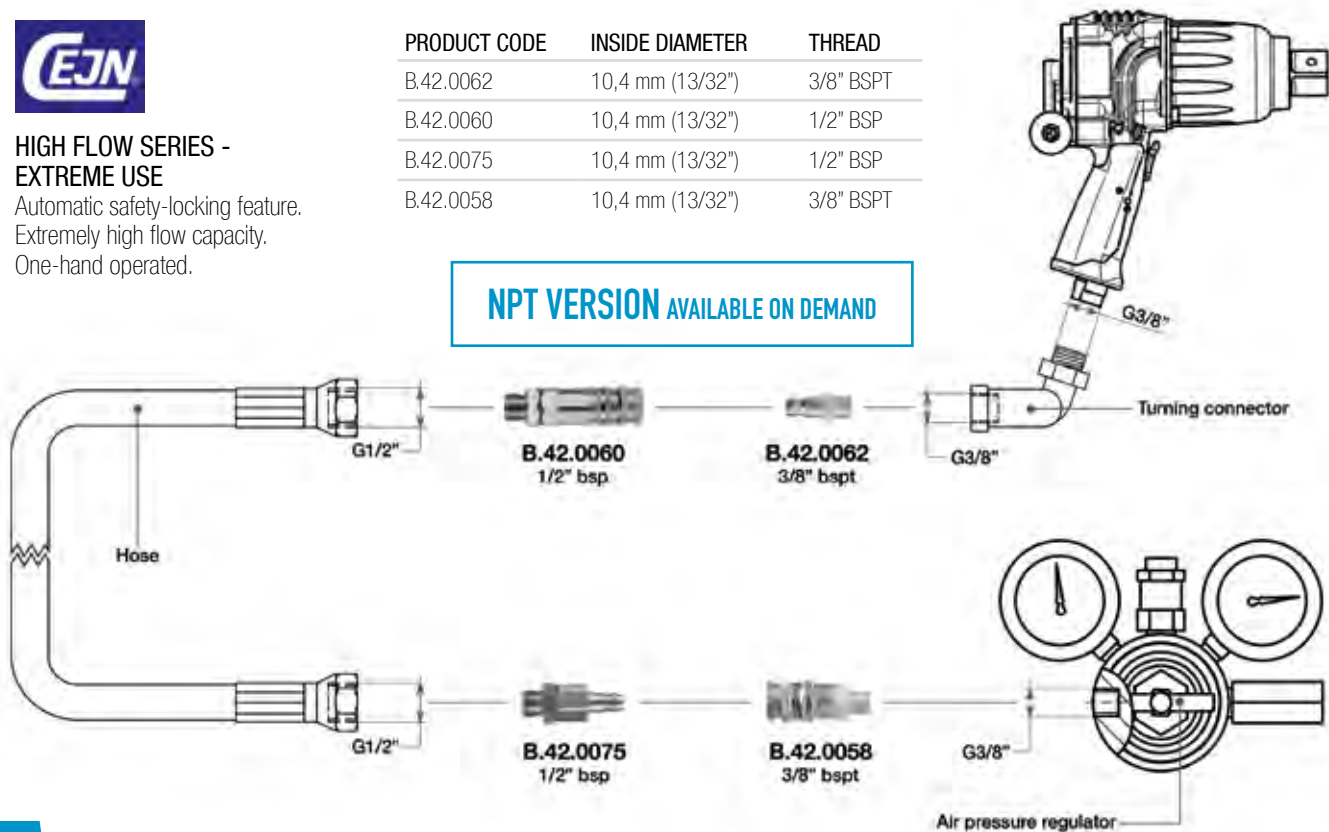


HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0062	10,4 mm (13/32")	3/8" BSPT
B.42.0060	10,4 mm (13/32")	1/2" BSP
B.42.0075	10,4 mm (13/32")	1/2" BSP
B.42.0058	10,4 mm (13/32")	3/8" BSPT

NPT VERSION AVAILABLE ON DEMAND

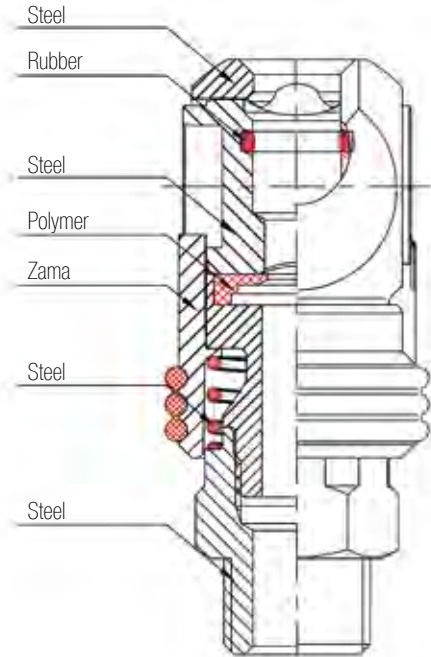




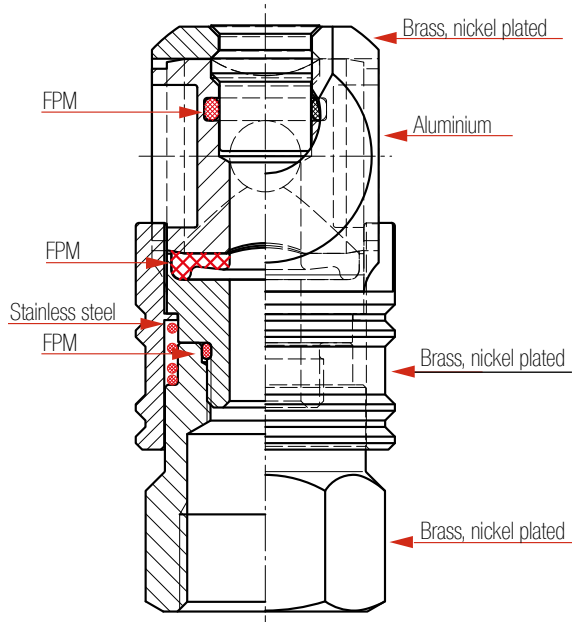
High technology materials

New colour codes

Available versions:
 3/8" - Code B.42.0001
 1/2" - Code B.42.0002



NPT VERSION AVAILABLE ON DEMAND



Available versions:
 3/8" - Code B.42.0119
 1/2" - Code B.42.0120

NPT VERSION AVAILABLE ON DEMAND

QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 36 SF EVO • 4BIKE

tst EUROPE

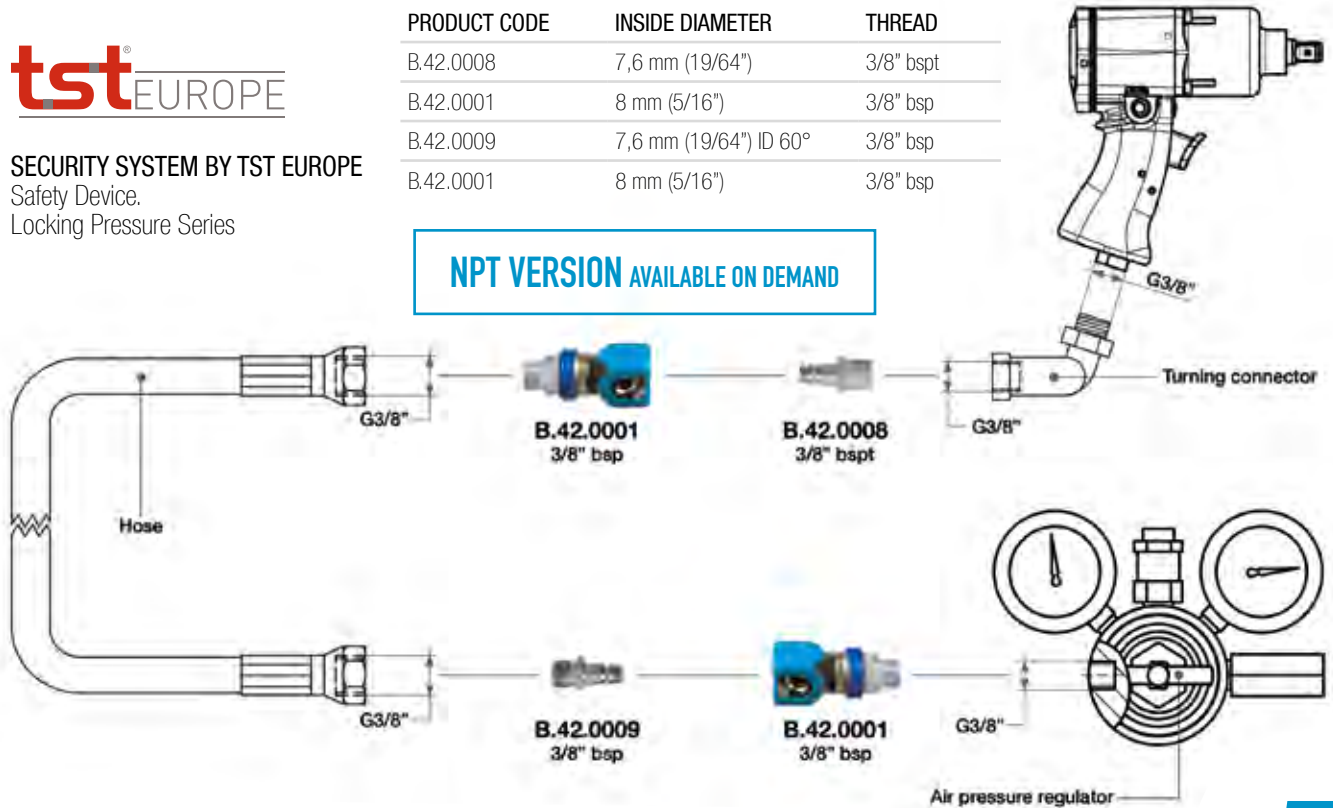
SECURITY SYSTEM BY TST EUROPE

Safety Device.

Locking Pressure Series

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0008	7,6 mm (19/64")	3/8" bspt
B.42.0001	8 mm (5/16")	3/8" bsp
B.42.0009	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0001	8 mm (5/16")	3/8" bsp

NPT VERSION AVAILABLE ON DEMAND



QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 36 SF EVO • 4BIKE

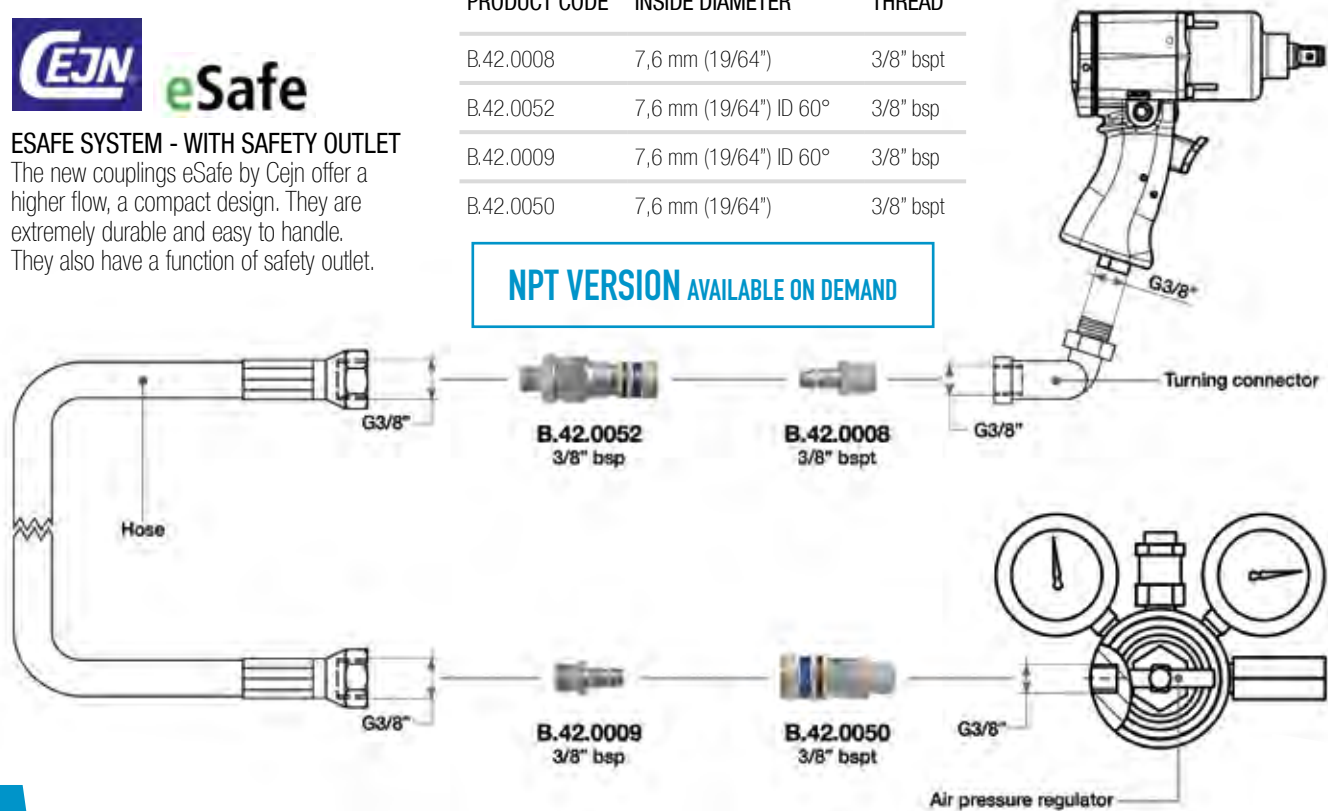


ESAFE SYSTEM - WITH SAFETY OUTLET

The new couplings eSafe by Cejn offer a higher flow, a compact design. They are extremely durable and easy to handle. They also have a function of safety outlet.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0008	7,6 mm (19/64")	3/8" bspt
B.42.0052	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0009	7,6 mm (19/64") ID 60°	3/8" bsp
B.42.0050	7,6 mm (19/64")	3/8" bspt

NPT VERSION AVAILABLE ON DEMAND



QUICK RELEASE COUPLINGS 3/8" (FOR HOSE THREADED 3/8" BSP)

SUITABLE FOR: DP 36 SF EVO • 4BIKE

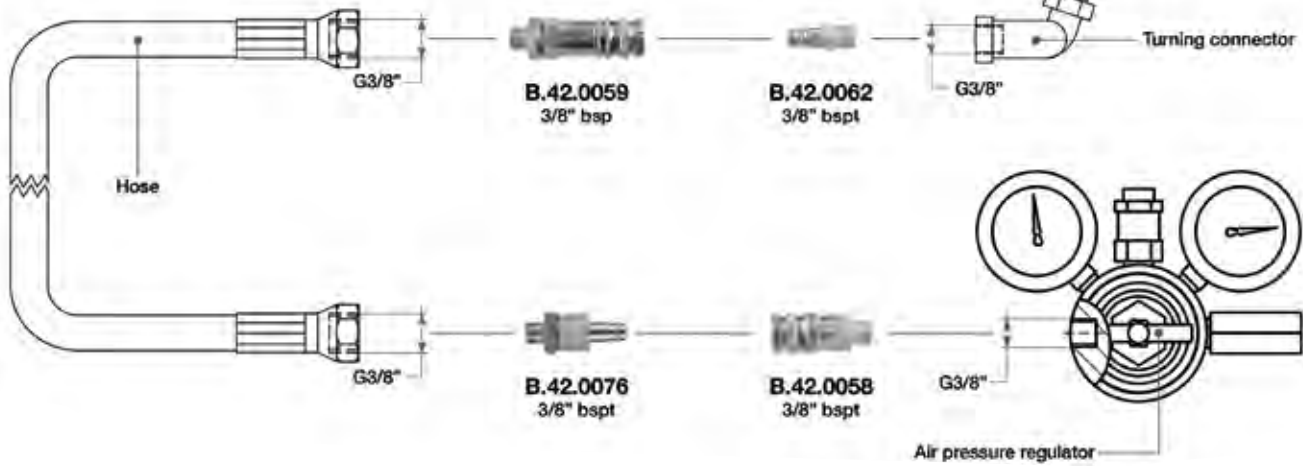


HIGH FLOW SERIES - EXTREME USE

Automatic safety-locking feature.
Extremely high flow capacity.
One-hand operated.

PRODUCT CODE	INSIDE DIAMETER	THREAD
B.42.0062	10,4 mm (13/32")	3/8" bspt
B.42.0059	10,4 mm (13/32") ID 60°	3/8" bsp
B.42.0076	10,4 mm (13/32")	3/8" bspt
B.42.0058	10,4 mm (13/32")	3/8" bspt

NPT VERSION AVAILABLE ON DEMAND





TURNING CONNECTORS

COLOURED TURNING CONNECTORS!

BLUE AND RED



The brand new coloured turning connectors are born to be matched to the RH-RED and LH-BLUE Paoli wheel guns.

The TYPE D coloured turning connectors are available in 1/2" and 3/8" versions.

PRODUCT CODE	COLOUR	MALE/FEMALE	INSIDE DIAMETER	TURNING
B.43.0061	red	3/8" BSP	11 mm	360°
B.43.0062	blue	3/8" BSP	11 mm	360°
B.43.0063	red	1/2" BSP	11 mm	360°
B.43.0064	blue	1/2" BSP	11 mm	360°

TURNING CONNECTORS

TYPE R



A

TYPE D



B

A

TYPE D3



C

B

A

	PRODUCT CODE	MALE/FEMALE	INSIDE DIAMETER	TURNING	FLEXING HOSE CONNECTOR	TURNING
TYPE D	B.43.0001	3/8" BSP	11 mm	360°	90°	
	B.43.0004	1/4" NPT	7 mm	360°	90°	
	B.43.0007	1/2" BSP	11 mm	360°	90°	
TYPE R	B.43.0003	3/8" BSP	11 mm	360°	--	
	B.43.0011	1/2" BSP	11 mm	360°	--	--
TYPE D3	B.43.0002	3/8" BSP	11 mm	360°	90°	360°
	B.43.0041	1/2" BSP	11 mm	360°	90°	360°

**NO MORE
TANGLED HOSES!**





WHIP HOSES



WH3C - B.20.01.0007
Whip Hose w/D3 Turning Connector



WHSC - B.20.01.0002
Whip Hose w/Swivel Fitting



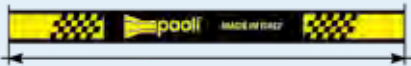
WHTC - B.20.01.0001
Whip Hose w/360° Turning Connector

PRODUCT NAME	PRODUCT CODE	INSIDE DIAMETER	OUTSIDE DIAMETER	LENGTH		CONNECTION SIDE 1	CONNECTION SIDE 2	
WHTC	B.20.01.0001	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0001	B.41.0003	female
WHSC	B.20.01.0002	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0003	B.41.0003	female
WH3C	B.20.01.0007	13 mm	23,5 mm	18" (46 cm)	3/8" BSP	B.43.0003	B.41.0003	female

HOSES

HOW TO ORDER:

1. Select the length of the hose
(TABLE A)



2. Select the couplings at both ends
of the hose (TABLE B/C)



More items and configurations
on demand.



BLACK HOSE

- 75 bar
- Customizable lengths and fittings
- High quality and strength

FLUORESCENT HOSE

- 75 bar
- Customizable lengths and fittings
- Fluorescent yellow marking along the entire hose: it shines in the dark!
- High visibility during night operations.

YELLOW HOSE

- 75 bar
- Customizable lengths and fittings
- High visibility in any light condition!

HOSES

B.41.0068



B.41.0071



B.41.0070



B.41.0069



HOSECOVER

- Expandable hose cover
- Flexo PET Techflex
- More colors available on demand

TECHNICAL DATA

- Bore size: 13 mm
- Braid od: 23,5 mm
- Working pressure: 75 bar

TABLE A - SELECT LENGTH

CODE			LENGTH
Black hose	Yellow hose	Fluorescent hose	
B.41.1001	B.41.3501	B.41.1501	1 m
B.41.1002	B.41.3502	B.41.1502	2 m
B.41.1003	B.41.3503	B.41.1503	3 m
B.41.1004	B.41.3504	B.41.1504	4 m
B.41.1005	B.41.3505	B.41.1505	5 m
B.41.1006	B.41.3506	B.41.1506	6 m
B.41.1007	B.41.3507	B.41.1507	7 m
B.41.1008	B.41.3508	B.41.1508	8 m
B.41.1009	B.41.3509	B.41.1509	9 m
B.41.1010	B.41.3510	B.41.1510	10 m

TABLE B/C - SELECT COUPLINGS

	ANGLE	1/2"	3/8"	NPT 3/8
	0°	B.41.5001	B.41.5002	B.41.5003
Female	45°	B.41.5004	B.41.5005	
	90°	B.41.5007	B.41.5008	
Male	0°	B.41.5010	B.41.5011	

PAOLI REGULATORS



Main features: Paoli regulators have all been conceived to first guarantee the correct (very high) air flow to all the models of Paoli guns. Furthermore, all the Paoli regulators minimize the pressure drop from static to dynamic. We do deliver mostly piston regulators for high pressure and diaphragm regulators for lower pressures.

- All of our regs are entirely made of brass
- We can deliver different kind of gauges (standard, filled w/Vaseline to stabilize the needle, w/double main scale psi/bar)
- We do always recommend to match a high pressure oiler to each regulator and to ship them back regularly to us or to an authorized service centre for a complete overhaul.

F5 FEATURES

GAUGES AVAILABLE WITH BOTH MAIN SCALES (BAR/PSI)

SAFETY VALVE ADJUSTED AT 50 BAR

HIGH FLOW FILTER EASY TO REPLACE

IMMEDIATELY REPLACEABLE TO THE OLD F4 MODEL

PISTON INSIDE

AIR PRESSURE AND VOLUME BALANCER DEVICE

BODY MADE OF BRASS

The 'Paoli F5' pressure regulator is one of the best models available. It can immediately replace the old F4 model without the need for modifications. In addition, the fixing nut is already included.

- It grants constant air flow also at high pressures.
- It keeps high performances also when the air bottle is almost empty.
- It gives very high air flow

MANUAL



Operating and Maintenance Manual

MODEL F1 / MODEL F2



TWO MODELS IN 1!

F1 can be converted into the F2 model with just one overpressure valve adjustment and replacement of spring, plate and pressure gauge

MODEL F1

CODE	B.40.0001	B.40.0034	B.40.0040
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-60 bar
OVER PRESSURE VALVE SETTING	30 bar	30 bar	30 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK			
HIGH FLOW FILTER			
BALANCED			

MODEL F2

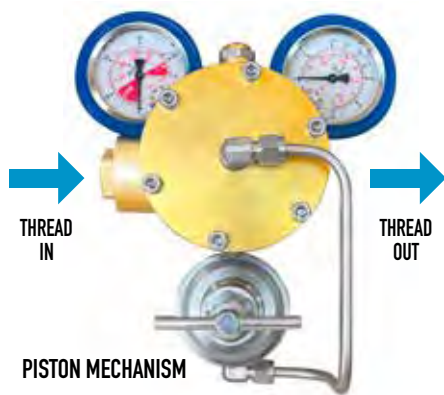
CODE	B.40.0002	B.40.0035	B.40.0041
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	150 Nm ³ /h	150 Nm ³ /h	200 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-100 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar	50 bar	50 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	medium	medium	medium
AIRJACK	•	•	
HIGH FLOW FILTER			
BALANCED			

MODEL F5



CODE	B.40.0103
INLET PRESSURE	350 bar
MAX FLOW (20 BAR/OUT)	500 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-100 bar
OVER PRESSURE VALVE SETTING	50 bar
THREAD IN	1/4" BSP
THREAD OUT	3/8" BSP
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	•
BALANCED	•

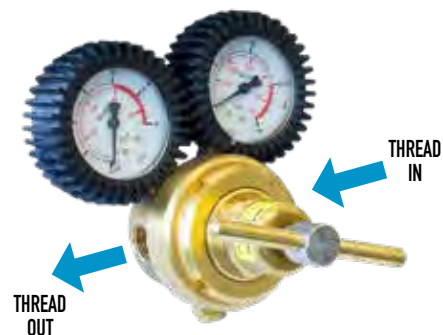
MODEL F9 2.0



PISTON MECHANISM

CODE	B.40.0104	B.40.0105	B.40.0106
INLET PRESSURE	220 bar	220 bar	350 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h	400 Nm ³ /h	500 Nm ³ /h
GAUGES IN	0-450 bar	0-6500 PSI	0-450 bar
GAUGES OUT	0-60 bar	0-870 PSI	0-100 bar
OVER PRESSURE VALVE SETTING	40 bar	40 bar	40 bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	3/8" BSP
FLOW	high	high	high
AIRJACK			
HIGH FLOW FILTER	•	•	•
BALANCED	•	•	•

MODEL F40



DIAPHRAGM MECHANISM

CODE	B.40.0049
INLET PRESSURE	300 bar
MAX FLOW (20 BAR/OUT)	700 Nm ³ /h
GAUGES IN	0-450 bar
GAUGES OUT	0-60 bar
OVER PRESSURE VALVE SETTING	40 bar
THREAD IN	1/4" BSP
THREAD OUT	1/2" BSPT
FLOW	high
AIRJACK	•
HIGH FLOW FILTER	
BALANCED	

RELIEF VALVE



Used to reduce pressure peaks occurring in the air supply circuit. The maximum pressure can be finely adjusted for each application.

SET PRESSURE	15-25 bar
MAX FLOW (20 BAR/OUT)	400 Nm ³ /h

AIR PRESSURE REGULATOR SERVICE FIXTURE



S.01.0161

The air pressure regulator service fixture sustains the regulator during its assembling and disassembling phases.

It is compatible with the following Paoli air pressure regulator models: F1, F2, F4 and F9 2.0.



AIR PRESSURE REGULATOR TESTING BENCH



This kit has been designed to test the air pressure regulators.
The air pressure regulator testing bench is composed by:

- 1 bench (350 x 130 x 80 mm)
- 1 hose
- 1 valve

DIN 200 Bar coupling for compressor available on demand (Code: B.21.0088)

SPARE GUN AIR SUPPLY DEVICE



B.42.0073

This device allows the operator to get a second spare gun connected to the same air supply. It is needed in case of EMERGENCY (first gun failing) during the pit stop operations.

WARNING: you should use just on gun at a time otherwise the air flow drops down very quickly.

Couplings not included.

FIXING NUTS



B.40.0007



B.40.0094

Fixing nuts for air pressure regulators
F1 - F2 - F4



ANALOGIC GAUGES



B.40.0071



B.40.0072



B.40.0073



B.40.0074



B.40.0075



B.40.0076

CODE	DIAMETER	CONNECTION	RANGE		GLYCERIN	DISPLAY
B.40.0071	63 mm	1/4" BSP	0-450 bar	0-6500 PSI	X	analogic
B.40.0072	63 mm	1/4" BSP	0-6500 PSI	0-450 bar	X	analogic
B.40.0073	63 mm	1/4" BSP	0-60 bar	0-870 PSI	X	analogic
B.40.0074	63 mm	1/4" BSP	0-100 bar	0-1450 PSI	X	analogic
B.40.0075	63 mm	1/4" BSP	0-400 PSI	0-28 bar	X	analogic
B.40.0076	63 mm	1/4" BSP	0-870 PSI	0-60 bar	X	analogic

ELECTRONIC PRESSURE SWITCH



Electronic pressure switch mountable on all Paoli pressure regulators.

The acoustic alarm, audible at a distance, alerts the user when the cylinder is emptying. This limits the risk of running out of air and reduces the possibility of compromising the wheel gun performance in case of semi-empty air bottles.

FEATURES

- Easily readable digital display
- Intuitive and fast setup
- Settable Pressure
- Easy and flexible mounting
- Acoustic alarm
- Power adapter included



CODE	B.40.0090
CONNECTION	1/4" BSP
RANGE	0-400 bar
VOLTAGE	9-36V DC (without the included power adapter); 110V-220V AC (using the included power adapter).
DECIBEL	100 dB
PIN CONNECTION	Pin 1: 9-36V DC Pin 2: GND



DIGITAL GAUGES



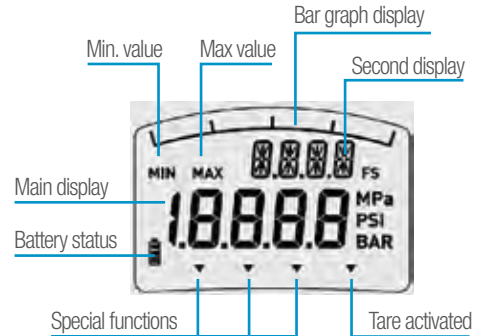
BACKLIGHTING:

the display can be easily read, even under poor lighting conditions.

ROTABILITY OF THE DISPLAY:

The display can be rotated through 300°, thus it can be read from almost any position. Therefore the gauge can also be used in situations where mounting is difficult.

PRECISE AND QUICK READING OF THE DISPLAY



The robust stainless steel case and the battery power enable a flexible operation of the digital gauge. For a precise and quick on-site reading of a pressure value, a digital indicator is the ideal solution. The bargraph display and drag pointer function integrated into the display, as well as retrievable Min/Max peak values, enable effective analysis of the measuring point.

Thanks to the rotatable display, the digital pressure gauge can be easily adapted to difficult conditions. The backlighting also provides easy readability of the display in poor lighting conditions.

FEATURES

- Battery operation (2 x 1.5 V AA cell)
- Min/Max memory function
- Unit switching: bar, psi, MPa
- Accuracy 0.5 % ± 1 digit

CODE	DIAMETER	CONNECTION	RANGE		DISPLAY
B.40.0085	80 mm	1/4" BSP	0-100 bar	0-1500 PSI	digital
B.40.0086	80 mm	1/4" BSP	0-600 bar	0-8700 PSI	digital

HIGH FLOW FILTER



B.45.0005

**FILTER CAPSULE
TO BE REPLACED REGULARLY**



D.03.07.0078

HIGH FLOW FILTER FOR AIR PRESSURE REGULATOR KIT

Suitable for air pressure regulators for heavy duty application.

High surface area to grant bigger air flow.

Easy maintenance service.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male

Regularly replace the filter cartridge.



HIGH PRESSURE OILER



Oil level indicator



NEW


MORE SPEED AND PERFORMANCE, INCREASED LIFESPAN OF YOUR PAOLI GUN

The oiler constantly lubricates the air motor getting the maximum speed and increasing its reliability.

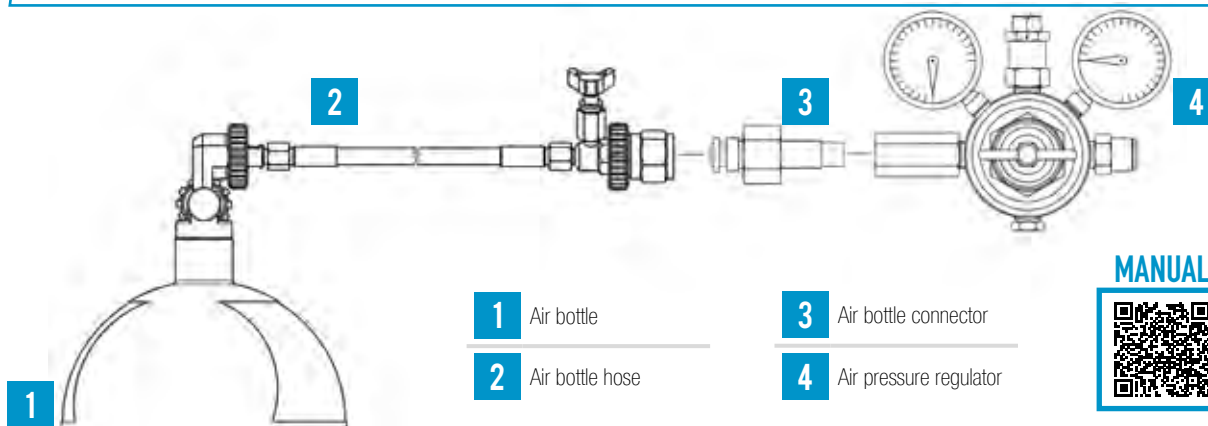
CODE	B.45.0019
MAX OPERATING PRESSURE	60 bar
EFFECTIVE BOWL VOLUME	120 cm ³
SIZE	1/2" BSP
MOUNTING POSITION	Vertical
BOWL MATERIAL	Brass

ACCESSORIES

The following accessories are essential to assemble the oiler:

-  **NIPPLE**
Product Code B.42.0078
-  **COUPLING**
Product Code B.42.0049

AIR BOTTLE CONNECTORS



B.01.0002



B.01.0006



B.01.0011



B.01.0007



B.01.0013



B.01.0017

1 Air bottle

2 Air bottle hose

3 Air bottle connector

4 Air pressure regulator

MANUAL



Operating and
Maintenance
Manual

CODE	WORKING PRESSURE	DESCRIPTION	UNI CODE (OLD)	UNI CODE (NEW)
B.01.0001	220 bar	COD-BSP		BS341 NR3
B.01.0002	220 bar	COD-D		DIN 477-13
B.01.0029	220 bar	COD-D		DIN 477-13
B.01.0003	220 bar	COD-FR-J	ex UNI 4406 02	UNI 11144 NR2
B.01.0004	220 bar	COD-FR-N2		NF E29-650
B.01.0005	220 bar	COD-IT	ex UNI 4410 AIR	UNI 11144 NR6
B.01.0006	220 bar	COD-N2	ex UNI 4409 N2	UNI 11144 NR5
B.01.0007	220 bar	COD-US	ex UNI 4412 AR-HE	UNI 11144 NR8
B.01.0011	220 bar	COD-J	JAPAN	
B.01.0014	220 bar	COD-IN	INDIAN STANDARD	3224 2002
B.01.0013	220 bar	COD-CN	CHINA	N2 G5/8"
B.01.0016	220 bar	CGA580	use with F1, F2, F4, F9 2.0	
B.01.0017	220 bar	CGA580	use with F6, F7	
B.01.0027	300 bar	DIN 300	with pin	

BOTTLE CONNECTION SUPPORT



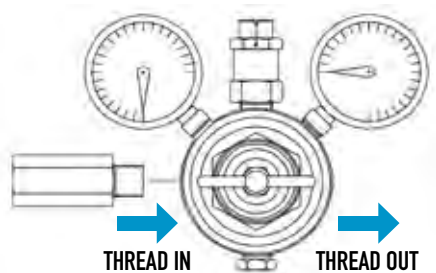
B.40.0008

This support connects the air bottle connector to the air pressure regulator. Suitable for F1 and F2 air pressure regulators.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: 3/8" BSP male



ADAPTERS



B.40.0056

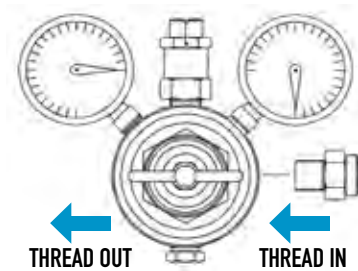
NEW ADAPTER FOR PRESSURE REGULATORS

New adapter for air pressure regulators F40 and F15.

Technical Data:

Thread IN: 1/4" BSP female

Thread OUT: M15x1 male



AIR BOTTLE COVERS



AIR BOTTLE COVER FOR PAOLI AIR BOTTLES

- Black textile cover
- Available for 18 and 15 litres air bottles
- New design

PRODUCT CODE	LITRES
B.22.05.0000	18
B.22.05.0001	15

AIR BOTTLE



COMPOSITE AIR BOTTLE WITH CARBON FIBER

- Capacity: 9 liters
- Max pressure at 15° C: 300 bar
- Double connection (B.22.01.0014)

Air bottle valves M25x2:
Double connection (B.22.04.0011)

SINGLE INLET BOTTLE



B.22.01.0000
B.22.01.0002

DOUBLE INLET BOTTLE



B.22.01.0003
B.22.01.0001



C.01.0009

MOBILE AIR BOTTLE

Ideal to restore the tire pressure.
Equipped with: pressure gauge, air pressure regulator, hooking system on the belt.

Tyre inflating gun not included.

PRODUCT CODE	CAPACITY (LITRES)	PRESSURE (BAR)	CONNECTION	CONNECTION TYPE
B.22.01.0000	15	200	Single	INT - Female / DIN - Male
B.22.01.0003*	15	200	Double	INT - Female / DIN - Male
B.22.01.0002**	18	220	Single	INT - Female / DIN - Male
B.22.01.0001***	18	220	Double	INT - Female / DIN - Male
C.01.0009	1	200		

* Suggested in order to avoid to dismount the air pressure regulator while recharging the bottle

** Just on demand

AIR BOTTLE TROLLEYS



The single trolley can be converted in double trolley

C.01.0003 Single



The double trolley can be converted in single trolley

C.01.0002 Double

- Just one trolley capable to carry the 15 or the 18 litres bottles.
- The trolley has got a support specifically designed for the PAOLI PIT STOP® Regulators F1, F2, F4.
- Two brackets designed to roll and easily carry the supply hose.

AIR BOTTLE TROLLEY KIT INCLUDED



Accessories included: belt, fixing nut and high pressure hose to connect the air bottle to the air pressure regulator.

PRODUCT CODE	OVERALL DIMENSIONS	WEIGHT (W/O BOTTLE AND REGULATOR)	WEIGHT (WITH BOTTLE AND REGULATOR)
C.01.0003	47,3 x 39,5 x 116 cm	10,1 kg	36,6 kg
C.01.0002	47,3 x 65 x 116 cm	18 kg	71 kg

DOUBLE TROLLEY KIT

EXTRA-STRONG
MICRO SHOT PEENING STAINLESS
STEEL CHASSIS

DOUBLE CONNECTION BOTTLES
FOR EASY FILLING

HIGH PRESSURE HOSE TO CONNECT
THE AIR BOTTLE TO THE AIR
PRESSURE REGULATOR.

C.01.0011

The kit includes:

- No. 1 double trolley
- No. 2 18 litres bottles with double connection
- No. 2 air bottle trolley kit
- No. 1 F5 air pressure regulator
(DIN air bottle connector included)

Also available with 2 F5 air pressure regulators
(code C.01.0013).

THE AIR PRESSURE REGULATOR
IS PROTECTED BY A ROLL-BAR



OPTIONAL FRONT PROTECTION

ACO Le Mans COMPLIANT

WHEEL GUN HOLDER

HOSE HOLDER

LARGE DIAMETER WHEELS
TO OVERCOME OBSTACLES



IT CAN BE CONVERTED
IN SINGLE TROLLEY

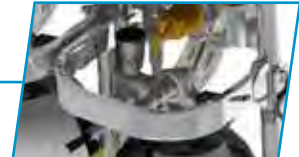
SINGLE TROLLEY KIT

EXTRA-STRONG
MICRO SHOT PEENING STAINLESS
STEEL CHASSIS

DOUBLE CONNECTION BOTTLE
FOR EASY FILLING

HIGH PRESSURE HOSE TO CONNECT
THE AIR BOTTLE TO THE AIR PRESSURE
REGULATOR.

THE AIR PRESSURE REGULATOR
IS PROTECTED BY A ROLL-BAR



OPTIONAL FRONT PROTECTION

ACQ Le Mans COMPLIANT

WHEEL GUN HOLDER

HOSE HOLDER

LARGE DIAMETER WHEELS
TO OVERCOME OBSTACLES

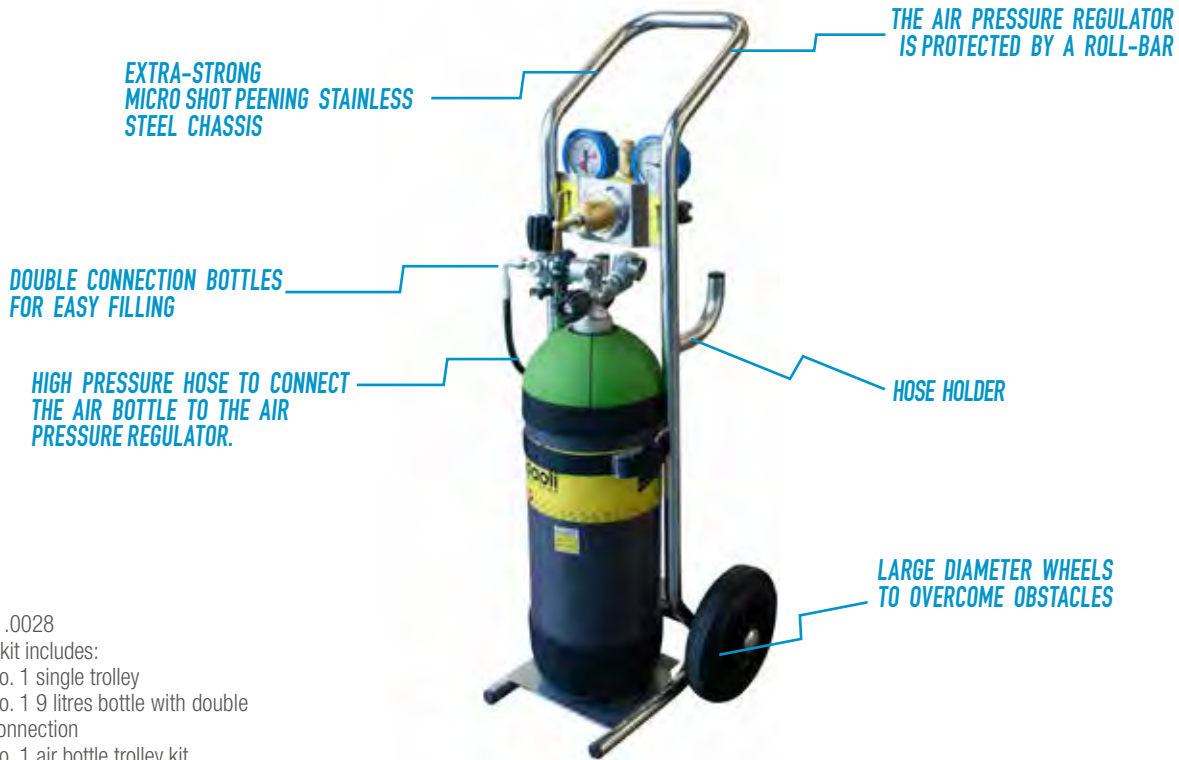
C.01.0010

The kit includes:

- No. 1 single trolley
- No. 1 18 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F5 air pressure regulator (DIN air bottle connector included)



MINI TROLLEY KIT

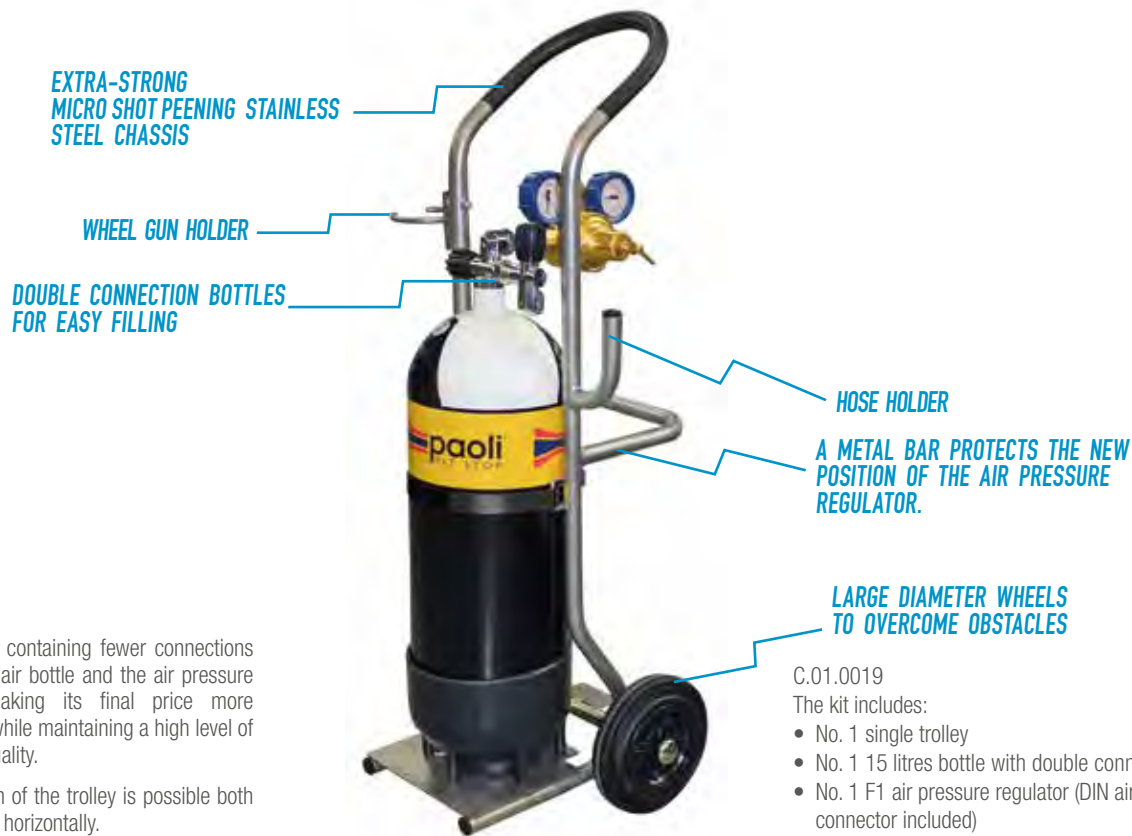


C.01.0028

The kit includes:

- No. 1 single trolley
- No. 1 9 litres bottle with double connection
- No. 1 air bottle trolley kit
- No. 1 F5 air pressure regulator (DIN air bottle connector included)

AIR JACK TROLLEY KIT



An assembly containing fewer connections between the air bottle and the air pressure regulator, making its final price more competitive while maintaining a high level of safety and quality.

The utilization of the trolley is possible both vertically and horizontally.

C.01.0019

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator (DIN air bottle connector included)

TRACK DAYS TROLLEY KIT



SIMPLIFIED STEEL CHASSIS

DOUBLE CONNECTION BOTTLES FOR EASY FILLING

A METAL BAR PROTECTS THE NEW POSITION OF THE AIR PRESSURE REGULATOR.

HOSE HOLDER

LARGE DIAMETER WHEELS TO OVERCOME OBSTACLES

The simplified steel chassis and the fewer connections between the air bottle and the air pressure regulator make the final price more competitive while maintaining a high level of safety and quality.

The utilization of the trolley is possible both vertically and horizontally.

C.01.0021

The kit includes:

- No. 1 single trolley
- No. 1 15 litres bottle with double connection
- No. 1 F1 air pressure regulator (DIN air bottle connector included)

AIR BOTTLE HOSE



B.21.0034

High pressure hose connection (220 bar) between air bottle and air pressure regulator. Equipped with paintball, connector and valve. Other dimensions available on demand.

NIPPLE FOR AIR BOTTLE



B.21.0089

Nipples 1/4" bsp female - 7/16" unf male

This is the nipple to adapt the air pressure regulators connectors to be connected to the air bottle through the high pressure hose coming from the high pressure compressor.

AIR BOTTLE VALVES



B.22.04.0001



B.22.04.0000

The air bottle valve is available with single or double connection. It can be fitted with the connection placed upon the air bottle collar M25x2.



NEW

BOTTLE ANTI-DEFLAGRATION BOOTHS



WORK SAFELY!

New anti-deflagration cabins allows you to safely recharge two or four cylinders at a time, protecting you and your working environment from debris caused by any air expansion explosion.

PRODUCT CODE	PRODUCT	NET WEIGHT	FITTINGS	TANK STORAGE B x W x H
B.22.07.0000	2 CYLINDERS CABIN	222 kg 452 lb	DIN 300 bar	60 x 73 x 104 cm 23.6 x 28.7 x 40.9 in
B.22.07.0001	4 CYLINDERS CABIN	500 kg 1102 lb	DIN 300 bar	70 x 65 x 80 x 116 (H2) cm 27.5 x 25.6 x 31.5 x 45.6 (H2) in

EXTRA FLOW SAFETY VALVE

NEW

An additional safety system designed to intervene in the event that the valve breaks, for example in the case of an accidental fall. In case the valve is damaged, the outflow pushes the sphere, held in the rest position by the calibrated spring, until the partial closure of the dipstick, a micro-hole still allows the discharge of the air counted in the cylinder with a reduced flow.

PRODUCT CODE	DESCRIPTION	INLET
B.22.08.0000	EXTRA FLOW SAFETY VALVE M6X0,75	M6
B.22.08.0001	EXTRA FLOW SAFETY VALVE M8X0,75	M8



HIGH PRESSURE AIR BOTTLE COMPRESSORS



AUTOMATIC PRESSURE REGULATOR



PRESSURE SWITCH FOR AUTOMATIC STOP



COMPRESSOR HOURS-COUNTER



GAUGE, TAP AND NON-RETURN VALVE



TROLLEY WHEELS

Standard compressor configuration with:

- automatic condensate drain with timer
- double pressure: 225 and 330 bar
- pressure switch for automatic stop
- non-return valve
- hours-counter (code B.21.0202)

Optionals available on request for DPH220 and DPH460 models:

- trolley (code B.21.0203)
- automatic pressure regulator (code B.21.0204)








TROLLEY HANDLE



AUTOMATIC CONDENSATE DRAIN WITH TIMER

SAFETY VALVE

The final safety valve protects bottles and the compressor from excessive pressure; the valve setting is made at the time of testing the compressor. The safety valves are pre-adjusted to:

NOMINAL OPERATING PRESSURE	SAFETY VALVE	
	WITHOUT PRESSURE SWITCH	WITH PRESSURE SWITCH
232 bar 3300 PSI	 6-05-015/3/232	 6-05-015/3/250
300 bar 4300 PSI	 6-05-015/3/300	 6-05-015/3/330
330 bar 4700 PSI	 6-05-015/3/330	 -

Before using a High-Pressure Compressor, check the safety valve by following these instructions:

1. **Position the unit:** Place the compressor in an open, well-ventilated area on a level surface with no more than a 15% incline.
2. **Check the oil:** Inspect the oil level and add more if needed.
3. **Inspect for damage:** Look for any signs of damage or tampering to the unit or its accessories before starting it.
4. **Check the safety valve:**
 - Attach the coupling to the bottle and start the compressor with the bottle valves closed.
 - Use the gauge to confirm that the safety valve activates correctly at the maximum working pressure.
 - Once confirmed, open the valves and begin refilling.

For compressors with an automatic shutdown pressure switch:

- Use the gauge to verify that the pressure switch shuts off the compressor at the designated pressure.

IMPORTANT:

- The safety valves must be replaced every 5 years or 1000 hours of operation, or in accordance with the regulations of the country where the high-pressure compressor is being used.
- **IF YOU ARE IN DOUBT OR UNSURE ABOUT ANY OF THE POINTS ABOVE PLEASE CONTACT DINO PAOLI SRL**

SAFETY VALVE

SCHEDULE MAINTENANCE TABLE

Maintenance	BEFORE EVERY REFILL	HOURS												YEARS				
		25	50	100	250	500	1000	1500	2000	3000	4000	5000	20000	1	5	10	15	
Condensate discharge	○																	
Intake filter		○		●														●
Lubricating oil	○		●															●
Belt wear and tension		○																●
1st, 2nd 3rd stage valves					○													●
4th stage valves					○													●
Condensate separator					○													●
HP filter					○													●
1st, 2nd 3rd stage segments																		●
4th stage																		●
HP flex hoses		○																●
Fitting/hose leak					○													●
General check-up																		○
Pumping unit, general overhaul																		○
Safety valve					○													●

○ = Checking and cleaning

● = Change

HIGH PRESSURE AIR BOTTLE COMPRESSORS



DPH380



DPH220



DPH460

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0101	DPH380*	Three-phase Electric 5,5kW - 7,5HP	300 l/min - 10,6 CFM - 18 m³/h	300 bar 4350 psi	6' 44" (air bottle 10 l - 0-200 bar)	78 dB	118x54x69 cm 46 1/2x21 1/4x27 5/32 inch	137 kg 302 lb
B.21.0102	DPH220*	Single-phase Electric 2,2kW - 3,0HP	100 l/min - 3,5 CFM - 6 m³/h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	79 dB	58x41x41 cm 22 7/8x16 9/64x16 9/64 inch	42,5 kg 93,7 lb
B.21.0103	DPH460*	Subaru Robin Petrol Engine 4,2kW - 6,0HP	100 l/min - 3,5 CFM - 6 m³/h	300 bar 4350 psi	20' (air bottle 10 l - 0-200 bar)	84 dB	75,5x39x41 cm 29 3/4x15 3/8x16 9/64 inch	42,0 kg 92,6 lb

Standard: final pressure switch with automatic stop.

The new Paoli Pit Stop Compressors can deliver both 220 bar and 300 bar air pressure thanks to the 2 different high pressure hoses included.

HIGH PRESSURE AIR BOTTLE COMPRESSORS



DPH380-2



DPH220-2



DPH460-2

PRODUCT CODE	PRODUCT NAME	ENGINE	CAPACITY	OPERATING PRESSURE	FILLING TIME	NOISE LEVEL	OVERALL DIMENSIONS	DRY WEIGHT
B.21.0281	DPH380-2	Three-phase Electric 5,5kW - 7,5HP	315 l/min - 11,1 CFM - 18 m³/h	232-300-330 bar 3300-4300-4700 psi	6'20" (air bottle 10 l - 0-200 bar)	72 dB	112x63x77 cm 44.1x24.8x30.3 in	152 kg 335 lb
B.21.0280	DPH220-2	Single-phase Electric 2,2kW - 3,0HP	100 l/min - 3,5 CFM - 6 m³/h	232-300-330 bar 3300-4300-4700 psi	20' (air bottle 10 l - 0-200 bar)	72 dB	59,2x38x42,7 cm 23.3x15.0x16.8 inch	57,1 kg 125,9 lb
B.21.0282	DPH460-2	Honda HP 200 petrol 4,3kW - 7,7HP	100 l/min - 3,5 CFM - 6 m³/h	232-300-330 bar 3300-4300-4700 psi	20' (air bottle 10 l - 0-200 bar)	80,5 dB	79,8x37x43,5 cm 31.4x14.6x17.1in	53 kg 116,8 lb

FLIGHT CASES FOR PAOLI COMPRESSORS



PRODUCT CODE	DIMENSION	DESCRIPTION
B.48.0002	73x44x56 cm	for Paoli compressors DPH220
B.48.0003	88x54x70 cm	for Paoli compressors DPH460
B.48.0038	62,5x38x42,8 cm	for Paoli compressors DPH220-2
B.48.0039	79,8x37x44 cm	for Paoli compressors DPH460-2
B.48.0040	112x64x81 cm	for Paoli compressors DPH380-2

PROFESSIONAL TYRE INFLATING GUN



DTIG/1

DIGITAL TYRE-INFLATING GUN

Unit of measure:
PSI, BAR, Kpa, Kg / cm²

PRODUCT NAME	DTIG/1
PRODUCT CODE	G.06.01.0002
PRESSURE GAUGE	Ø 80
WORKING PRESSURE	0 ÷ 12 BAR
HOSE LENGTH	100 cm
BATTERIES	lithium 3V

COMPRESSORS SERVICE KITS



B.21.0163 - SERVICE KIT 500 H

Specifically designed for DPH220 and DPH460
The kit includes: o-rings, stage segments' kits, upper gasket, inferior gasket, red knob condensate drain valve, filling valve seal, plate valve.

B.21.0164 - SERVICE KIT 500 H

Specifically designed for DPH380
The kit includes: o-rings, washer, inlet filter cartridge, cylinder o-ring, outlet valve o-ring, valve plate o-ring.

COMPRESSORS FITTINGS



STANDARD - B.21.0024



B.21.0028

PRODUCT CODE	DESCRIPTION
B.21.0024	DIN 300
B.21.0067	DIN/INT Reducer
B.21.0014	BC DIN 230
B.21.0028	BC Italian Connector
B.21.0025	BC DIN 300

COMPRESSORS LUBRICANTS



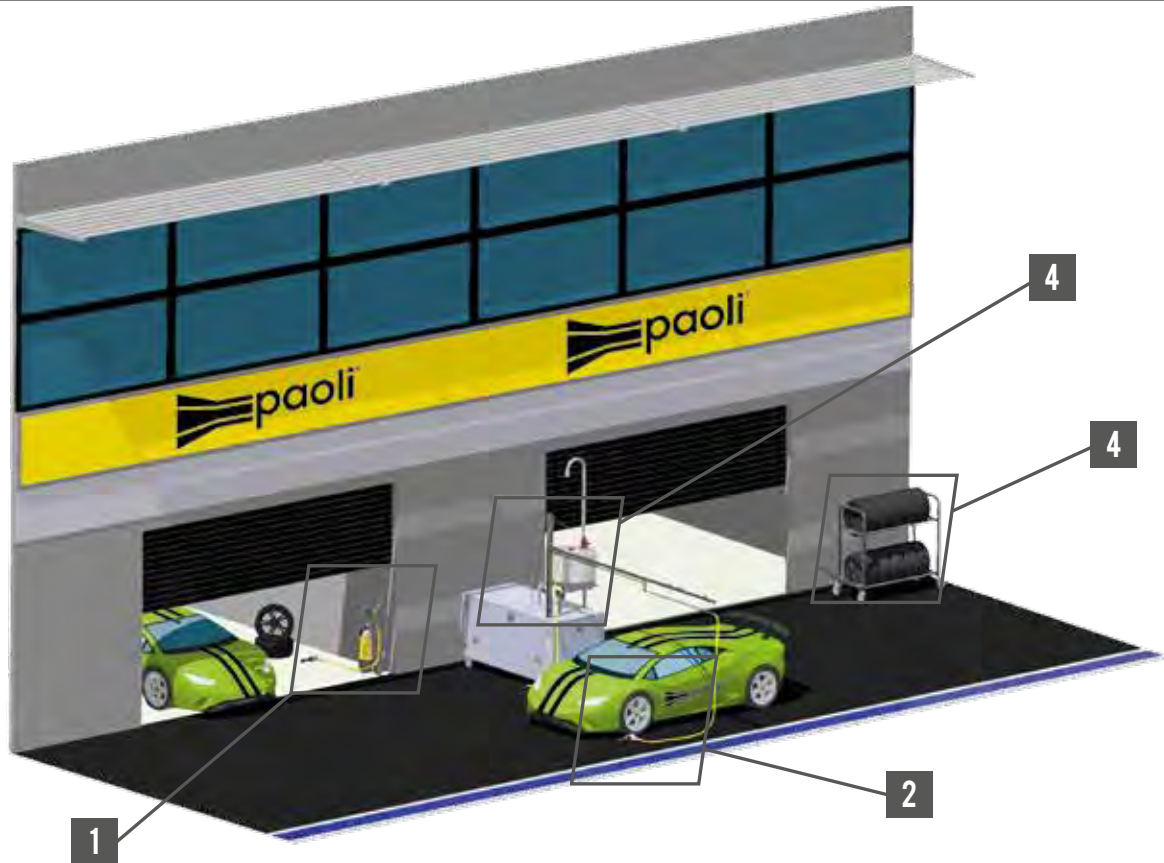
PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0001	1 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0003	0,5 l	Oil for compressor pumping unit DPH6, DPH13
B.27.0002	1 l	Oil for compressor engine unit
B.27.0026	1 l	Oil for compressor pumping unit DPH220, DPH460, DPH380



PIT EQUIPEMENT

Paoli Pitlane Equipement

ON THE PITLANE WITH PAOLI



ON THE PITLANE WITH PAOLI

1



PAOLI SINGLE
TROLLEY KIT

155

2



PAOLI HURRICANE 2.0
PAOLI HOSES

14
136

3



198

REFUELING
STATION

4



204

TYRE TROLLEY
PRO SERIES

AIRJACKS



LL-21 / LL-31
"PROFESSIONAL"




PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-21	B.37.02.0006	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-21-PP	B.37.02.0007	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-21-150	B.37.02.0008	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-21-SP	On request					
LL-31	B.37.02.0009	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-31-150	B.37.02.0010	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-31-SP	On request					244kg / 20bar


LL-22 / LL-32
"STANDARD"




PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-22	B.37.02.0014	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar
LL-22-PP	B.37.02.0015	230 mm	60 mm	68 mm	M60x1,5	562kg / 30bar
LL-22-150	B.37.02.0016	150 mm	60 mm	64 mm	M60x1,5	375kg / 20bar
LL-22-SP	On request					
LL-32	B.37.02.0017	230 mm	50 mm	53 mm	M50x1,5	488kg / 40bar
LL-32-150	B.37.02.0018	150 mm	50 mm	53 mm	M50x1,5	366kg / 30bar
LL-32-SP	On request					244kg / 20bar

AIRJACKS

	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-23 "PROFESSIONAL" 	LL-23	B.37.02.0011	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	LL-23-PP	B.37.02.0012	230 mm	60 mm	68 mm	M60x1,5	
	LL-23-150	B.37.02.0013	150 mm	60 mm	64 mm	M60x1,5	
	LL-23-SP	On request					

	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
LL-24 "STANDARD" 	LL-24	B.37.02.0019	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	LL-24-PP	B.37.02.0020	230 mm	60 mm	68 mm	M60x1,5	
	LL-24-150	B.37.02.0021	150 mm	60 mm	64 mm	M60x1,5	
	LL-24-SP	On request					

	PRODUCT NAME	PRODUCT CODE	STROKE	Ø	Ø MOUNTING	THREAD MAX	LIFT CAPABILITY
	JAC 06.9050	B.37.02.0001	236 mm	50 mm	53 mm	M50x1,5	488kg / 40bar 366kg / 30bar 244kg / 20bar
	JAC 06.9050/QE	B.37.02.0002	236 mm	50 mm	53 mm	M50x1,5	
	JAC 06.9060	B.37.02.0003	230 mm	60 mm	64 mm	M60x1,5	750kg / 40bar 562kg / 30bar 375kg / 20bar
	JAC 06.9060/PO	B.37.02.0004	230 mm	60 mm	68 mm	M60x1,5	
	JAC 06.9060/QE	B.37.02.0005	230 mm	60 mm	64 mm	M60x1,5	

AIRLANCE



KRONTEC
Fitting & Hose Systems

The KRONTEC “easy-push” system allows a powerless coupling process. The airlance can be used with three connection valves.



STÄUBLI

The STÄUBLI system allows a powerless coupling process. The airlance can be used with two connection valves.

AIRLANCE

	PRODUCT NAME	PRODUCT CODE	THREAD	OPERATING PRESSURE	SIZE
A		B.37.03.0006	3/8" BSP female	100 bar	
B		B.37.03.0007	M16x1,5 male 3/8" BSP male		
C	LL-03	B.37.01.0001	M16 x 1,5 female	0-40 bar	L 230 x D 37 mm
D	LL-16	B.37.03.0002	D-06 9/16-18 UNF	0-40 bar	L 86 mm
E	LL-13	B.37.03.0001	D-06 9/16-18 UNF	0-40 bar	L 81 mm
F	LL-16 plus	B.37.03.0003	D-06 9/16-18 UNF	0-40 bar	L 86 mm
G		D.04.06.0025	3/8" BSP male		
H	JAC 06.1102	B.37.01.0002	3/8" BSP female	15-40 bar	L 130 x D 48 mm
I	JAC 06.5655	B.37.03.0004	D-06	15-40 bar	L 102 mm
L	JAC 06.4655	B.37.03.0005	D-06	15-40 bar	L 83 mm

DIGITAL TORQUE WRENCHES



FEATURES

- Torque accuracy: $\pm 2\%$
- Torque/Angle accuracy: $\pm 2\%$
- Large LCD graphic display with high contrast and enhanced characters for easy-to-read figures.
- Function keys: just four buttons, in an ergonomic position, for an easy access to all the functions.
- Peak hold and track mode direct readings.
- Tolerance range adjustment both on torque and angle.
- Memory up to 900 values.
- Optical signals through 3 leds, and acoustical signal with buzzer.
- Clockwise and anticlockwise (CW and CCW) readings.
- 4xAA batteries.
- User tightening sets definition.
- Angle and Torque Preset.
- Different selectable languages.
- Auto switch-off.
- Nm, Kgf m, Lbf in, Lbf ft.
- Menu driven
- Lock.

PRODUCT NAME	23000-DGT	2600-DGT	2400-DGT
PRODUCT CODE	B.35.0002	B.35.0003	B.35.0004
CAPACITY	100-1000 Nm	80-800 Nm	20-200 Nm
DRIVE	Ratchet 1"	Ratchet 3/4"	Ratchet 1/2"
LENGTH	1340 mm	1100 mm	512 mm
WEIGHT	6,60 kg	4,40 Kg	1,25 kg
ACCESSORIES	USB data transfer kit (Product code: B.35.0011)		



TORQUE WRENCHES WITH RATCHET



FEATURES

- Fast and easy setting.
- Long life accuracy and repeatability.
- Ergonomic handle.
- It doesn't need to turn back to the minimum scale value after being used.
- Quick and precise slide adjustment by unscrewing the knob and guiding the slider on the scale to the required value.
- With graduated scale in Nm and Lbf.ft.
- Dual signal when the set torque is reached: acoustical click and effort decrease.
- Guaranteed accuracy $\pm 3\%$ in accordance with EN ISO 6789:2003.

PRODUCT NAME	300	330	350
PRODUCT CODE	B.35.0008	B.35.0009	B.35.0010
CAPACITY	40-200 Nm 30-150 lbf.ft	160-800 Nm 120-590 lbf.ft	200-1000 Nm 150-750 lbf.ft
<input type="checkbox"/>	1/2"	3/4"	3/4"
LENGTH	450 mm	1180 mm	1340 mm
WEIGHT	1,20 kg	6,70 kg	7,40 kg

DIAL TORQUE WRENCHES



FEATURES

- Left and right hand use.
- Precise tightening achieved by the torsion bar system.
- Dual needle: pointer needle and memory needle.
- The small head allows torque application even in narrow areas.
- Reading scale in Nm/Lbf.in or Nm/Lbf.ft.
- Accuracy $\pm 4\%$.
- Traceable calibration certificate through accredited laboratories.
- Led and buzzer (only for 7000 model)

PRODUCT NAME	7000	800	700
PRODUCT CODE	B.35.0005	B.35.0006	B.35.0007
CAPACITY	300-1500	80-400	40-200
STEP	20 Nm	5 Nm	2,5 Nm
<input type="checkbox"/>	1"	1/2"	1/2"
LENGTH	1956 mm (including extension)	559 mm	559 mm
WEIGHT	9,072 kg	1,361 kg	1,361 kg

NEW

MUGELLO



- Demi jet shell in ultra-resistant ABS with triple layer scratch-resistant and UV-resistant painting.
- Retractable sun visor and second transparent goggle visor (included with the helmet).
- The interior is totally removable and washable and has a slot for the Bluetooth system.
- Microfibre fabric with hypoallergenic treatment and leather/eco-leather finishes.
- Closing with micrometric system.
- Available size: M, L, XL

DAYTONA

NEW



- Demi-jet shell in ultra-resistant ABS with triple-layer scratch-resistant and UV-resistant paint.
- Retractable chrome visor with external movement lever.
- Choice of external scratch-resistant visor: goggle or long.
- Two large air vents and their covers.
- Removable and washable interior with provision for Bluetooth system.
- Microfibre fabric with hypoallergenic treatment and leather/eco-leather finishes.
- Closure with quick release micrometric system.
- Available size: M, L, XL.

CERTIFICATION ECE 22-06

TYRE SCRAPER



B.39.04.0001

PROFESSIONAL TYRE SCRAPER – TS-03

This professional tyre scraper removes pick and debris with ease leaving a smooth undamaged surface and prolonging the life of the tyres.

The tyre scraper has now been redesigned to make the process more effective and efficient.

- 2000W output – 100 to 600 degree temperature range
- 300-600l/min maximum airflow
- With a moulded handle for user comfort
- Adjustable handle and blade position to suit the user
- Integrated heat gun with variable temperature and fan speed
- Ergonomically design to increase productivity
- Suitable for all forms of racing from karting to F1

FUEL BROWSER











FUEL BROWSER

A stainless steel and aluminium fuel transfer bowser which has a 100L or 200L capacity, a 20L per minute bi-directional pump with automatic full tank pump shut off and is built with ATEX approved components.

- Storage cupboard for fuel lines and charging cable
- Dash 12 fuel lines - suitable for E20 & high octane fuels. Optional dry break fittings
- Mass and temperature display and automatic speed controller
- Anti-static braked castors
- Wi-Fi enabled
- 10" touch screen

GLOVES

PRODUCT NAME	PRODUCT CODE	SIZE	COLOURS	NOTE	
FAST FIT®	B.38.01.01.0002	M	black	Easy On/Off Fit Glove - With improved contours for a better fit, the Fast Fit® Glove is the tool to use for everyday jobs. The glove incorporates a Clarino Synthetic Leather palm, stretch panels between the fingers, two-way stretch Spandex padded back increases protection. A new taller cuff has been added to provide for additional protection and a more secure fit. Performance plus economy. Machine washable.	 
	B.38.01.01.0003	L			
	B.38.01.01.0004	XL			
M-PACT® 2	B.38.01.01.0026	M	black	Heavy Duty Glove - For super protection and an unbelievable fit, try the M-Pact® 2 Glove. Anatomically designed with advanced features that include tapered stretch side panels that form comfortably between fingers and a molded Neoprene cuff for a seamless fit to your wrist. It also has an integrating impact absorbing molded rubber finger protection and EVA deep ribbed accordion knuckle protection. This glove has it all. Machine washable.	 
	B.38.01.01.0027	L			
	B.38.01.01.0028	XL			
ORIGINAL® GLOVE	B.38.01.01.0006	M	black	All-Purpose Glove - Designed and manufactured to take on the toughest tasks you can throw at it, the Original® Glove provides a winning combination of versatility and performance. The Clarino Synthetic Leather palm and fingertips extends the life of the glove while the Thermal Plastic Rubber hook and loop cuff closure and two-way stretch Spandex top provides a perfect fit. Machine washable.	 
	B.38.01.01.0007	L			
	B.38.01.01.0008	XL			
	B.38.01.01.0011	L	red		
	B.38.01.01.0012	XL			
ORIGINAL® VENT	B.38.01.01.0014	M	blue	Fully Ventilated Glove - Improved design. Designed for hot or humid conditions, the Original® Vent Glove gives you a single-layer of lightweight air mesh on the top to minimize heat build-up while it's perforated Clarino Synthetic Leather palm and fully ventilated construction keeps the entire hand comfortable and cool. A new taller cuff with an improved rubber closure system gives you the confidence you need when the heat is on. Machine washable.	 
	B.38.01.01.0023	L			
	B.38.01.01.0024	XL			

GLOVES



LASER TG-3

Laser TG-3 is the top of the range Mechanic glove developed with the crew members of most important teams in WEC and FIA homologated. This model has many technical details as the anti-impact knuckles pad. Total padded wrist strap that protect the crew during the rapid tires change. Super grip suede leather appreciation into the palm to increase heat protection and a specific silicon area for the wheel gun operations.

- Technical Details:
- Back: Single layer
- Palm: Superthin
- Internal Stitching
- Suede leather palm insert for heat protection
- Silicon Wheel gun protection
- Knuckles protection
- Padded wrist strap
- Precurved design
- Printed logos
- Sizes: 9-13
- Homologation: FIA 8856-2018

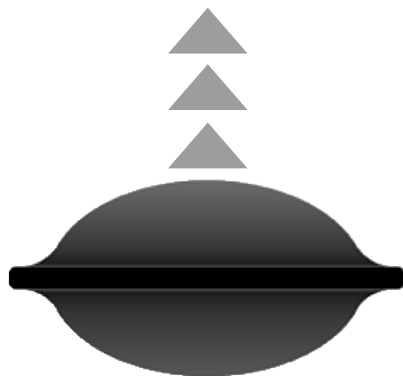


PIT EQUIPMENT

LIFTS

Car lifts for racing applications

HIGH PRESSURE LIFTING BAGS / ROUND SHAPED



SAFETY DEVICE FOR THE OPERATOR

ROUND LIFTING BAGS

High-pressure round lifting bags are used for lifting the heaviest loads. They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places.

- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design

PRODUCT NAME	PRODUCT CODE	DIMENSIONS cm	WEIGHT kg	WORKING PRESSURE		AIR REQUIREMENT l/min	MAX LIFTING CAPACITY		MAX LIFTING HEIGHT	
				bar	psi		t	pounds	cm	inches
SLK1	B.37.09.01.0001	15 x 15	0.55	8	116	5	1.1	2425.1	8	3.1
SLK3	B.37.09.01.0002	22.5 x 22.5	1.25	8	116	15	2.7	5952.5	13	5.1
SLK6	B.37.09.01.0003	30 x 30	2	8	116	42	5.5	12125.4	16	6.3
SLK10	B.37.09.01.0004	38 x 38	3.5	8	116	86	10.1	22266.7	21	8.3
SLK14	B.37.09.01.0005	45 x 45	5	8	116	152	13.5	29762.4	25	9.8
SLK21	B.37.09.01.0006	55 x 55	7	8	116	296	21.1	46517.5	30	11.8
SLK25	B.37.09.01.0007	61 x 61	9	8	116	416	25.2	55556.5	34	13.4
SLK33	B.37.09.01.0008	69 x 69	11	8	116	621	33	72752.5	38	15
SLK45	B.37.09.01.0009	78 x 78	14	8	116	921	44.6	98326.2	42	16.5
SLK55	B.37.09.01.0010	87 x 87	18	8	116	1305	55	121254	47	18.5
SLK70	B.37.09.01.0011	94.5 x 94.5	22.5	8	116	1505	70.4	155205.4	52	20.5

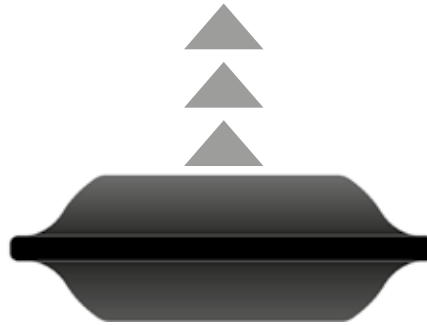
SAFETY DEVICE FOR THE OPERATOR

HIGH PRESSURE LIFTING BAGS / FLAT SHAPED

FLAT LIFTING BAGS

High-pressure flat lifting bags are used for lifting the heaviest loads. They exert maximum force in a concentrated area, making them ideal when lifting rigid structures in tight places. Flat lifting bags have a flat working surface: they start out flat and remain flat even when fully inflated.

- Flat surface
- Greater contact surface and stability
- High lift and high capacity
- Strong manipulation handles
- Cone-shaped protection edges
- Unique anti-slip surface
- EN 13731 Certified
- Extremely Durable
- Thin Design



PRODUCT NAME	PRODUCT CODE	DIMENSIONS	WEIGHT	WORKING PRESSURE			AIR REQUIREMENT		MAX LIFTING CAPACITY		MAX LIFTING HEIGHT		MAX LIFTING CAPACITY & MAX LIFTING HEIGHT	
				cm	kg	bar	psi	l/min	t	pounds	cm	inches	t	pounds
SFB-K7/17	B.37.09.02.0001	55 x 55	7,3	8	116	224	21.1	46517.5	17	6.7	6.7	14771		
SFB-K10/17	B.37.09.02.0002	61 x 61	9,2	8	116	350	25.2	55556.5	17	6.7	9.5	20943.9		
SFB-K20/17	B.37.09.02.0003	78 x 78	14,5	8	116	520	44.6	98326.2	17	6.7	20.2	44533.4		
SFB-K33/17	B.37.09.02.0004	91.5 x 91.5	20,6	8	116	810	64	141096	17	6.7	33.3	80689.2		



PAOLI LIFT

Paoli Pit Stop has designed and developed  a new range of **ROBUST, RELIABLE** and **EASY TO CARRY ON** air-hydraulic jacks to lift race cars of different shapes and different weights.

- Different standard shovels are available for various car models.
- More special/customized shovels are available on demand, by supplying the car's area drawings and pictures.
- Lighter race cars can be lifted by using just No. 2 jacks equipped with bar/paddle shovels, while the heavier race cars can be lifted by using No. 4 jacks equipped with fork shovels that grab the wheels.

CHAMPIONSHIP	CAR MINIMUM WEIGHT (Kg)	DRIVER WEIGHT (Kg)	FUEL WEIGHT (Kg)	FULL WEIGHT (Kg)	LIFTERS NUMBER	WEIGHT EACH LIFTER (Kg)
Formula 1	798	80	83	921	2	460
Formula 2	755	80	94	807	2	403
Formula 3	673	80	94	721	2	360
NASCAR	1497	80	50	1622	4	405
Indycar	740	80	55	832	2	416
Ferrari 488 Challenge	1340	80	95	1502	4	376
Ferrari 296 GT3	1250	80	60	1373	4	343
Formula E	840	80	0	802	2	401
Porsche Carrera Cup Italia	1381	80	75	1445	4	361
FERRARI 488 GT3	1260	80	60	1383	4	346
LMH	1030	80	68	1150	2	575
LMDH	1030	80	68	1150	2	575
GT3 Group	1200	80	-	-	4	320 ÷ 400

BAR SHOVELS

(LIGHTER RACE CARS)



PADDLE SHOVELS

(LIGHTER RACE CARS)



FORK SHOVELS

(HEAVIER RACE CARS)



PRODUCT CODE	DESCRIPTION	WORKING PRESSURE	MAX. PRESSURE	LIFT HEIGHT	MAX. CAPACITY
B.37.05.03.0001	Air Jack Trolley - With bar shovels	7,5 bar	10 bar	900 mm	600 kg
B.37.05.03.0002	Air Jack Trolley - With paddle shovels	7,5 bar	10 bar	780 mm	600 kg
B.37.05.03.0003	Air Jack Trolley - With fork shovels	7,5 bar	10 bar	700 mm	600 kg
B.37.05.03.0004	Air Jack Trolley - Without shovels	7,5 bar	10 bar	-	600 kg

ELEPHANT LEG



LL-20 CL

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK
	LL-20 CL	B.37.04.0007	60 mm	60 mm	LL-21, LL-22, LL-23, LL-24
TWO-STAGE ELEPHANT LEG	LL-20 CL-PP	B.37.04.0008	60 mm	60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
KRONTEC	LL-30 CL	B.37.04.0009	50 mm	50 mm	LL-31, LL-32
	LL-30 CL-PP	B.37.04.0010	50 mm	50 mm	LL-31-150, LL-32-150
TWO-STAGE ELEPHANT LEG	JAC 06.9056	B.37.04.0011	434 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
	JAC 06.9065	B.37.04.0012	434 mm	60 mm	JAC 06.9060, JAC 06.9060/QE
STÄUBLI	JAC 06.9067	B.37.04.0013	409 mm	60 mm	JAC 06.9060/PO

AIRJACK SAFETY PROP



LL-90 - LL-91

	PRODUCT NAME	PRODUCT CODE	HEIGHT	FOR CYLINDER SIZE	FOR AIRJACK
	LL-90	B.37.04.0001	230 mm	60 mm	LL-21, LL-22, LL-23, LL-24
ONE STAGE	LL-90-150	B.37.04.0002	150 mm	60 mm	LL-21-150, LL-22-150, LL-23-150, LL-24-150
KRONTEC	LL-91	B.37.04.0003	230 mm	50 mm	LL-31, LL-32
	LL-91-150	B.37.04.0004	150 mm	50 mm	LL-31-150, LL-32-150
ONE STAGE	JAC 06.9055	B.37.04.0005	228,5 mm	50 mm	JAC 06.9050, JAC 06.9050/QE
STÄUBLI	JAC 06.9066	B.37.04.0006	228,5 mm	60 mm	JAC 06.9060, JAC 06.9060/QE, JAC 06.9060/PO

DPLIFT 40Q



Manual hydraulic trolley jack.

The pump is manually operated by handle movement. The pedal control is used for a quick approach.

- Lightweight and easy to handle.
- With pedal control for a quick approach

PRODUCT CODE	B.37.05.01.0025
CAPACITY	2.2 ton
NET WEIGHT	31 Kg - 68 lb
MAX STROKE	415 mm - 16.3 in
MIN. HEIGHT	80 mm - 3.1 in



CRUSELINER

RENNER MOTORSPORT



Caseliner is a reference point for several racing teams, and it's synonymous with motorsport specialized pit equipment all over the world. The Czech brand produces refuelling equipment, tire transport trolleys and complete pit lane stands systems.

Paoli and Caseliner have been collaborating together for a very long time to offer to their client innovative, reliable and, most of all, winning solutions. In early 2016, the partnership between the two companies has stepped forward, and now Paoli has become an official Caseliner reseller, also preparing the ground for an enhanced collaboration in Italy and more countries.



PIT EQUIPMENT **CASELINER**

Caseliner Pitlane Equipment



MAGSEAM SEAMLESS WALLING

MAGSEAM seamless wallings is a special seamless surface panels system using unique technology of magnetic attachment. The main advantages of this system are: elegant design which will attract all the attention to your team, variability and time-saving assembly, overall stability of the system due to patented elements which are holding each panel, possibility of full-area printing or colour on demand. Magseam system is supplied on demand with special flight case box for each project.

Complete projects including the custom tv monitors, helmet dryers and other elements are on demand.

GANTRIES

GANTRIES are modular truss structure elements with solid conical connectors. Extremely fast connection for quick, simple and secure assembly. They are used as support for lighting, screens and cables, interior and exterior applications. Caseliner gantries are available in three versions Bi-System (duo), Tri-System (trio) and Quattro-System with certified 50mm tube.

Build with us your project.



RACEFLOOR

RACEFLOOR has been developed for all your racing flooring needs. The tiles are easy and quick to install due to an ingenious click lock system, you can combine any colour of tiles with each other. Racefloor is very flexible and strength and it can be used on any flat base, both indoors and outdoors. It is very proof, durable and UV stable flooring with a very good resistance to chemical pollution.

Code B.39.09.0004: Racefloor 1 mq - 1000x1000 mm

Code B.48.0013: Flight Case



POWERHOODS

POWERHOODS are made for lighting in the race boxes, lighting over the race car, motorbike or in the workshops. These light pods are suspended above a vehicle and act as a life support machine supplying the following outputs with zero effect on valuable floor space. POWERHOOD provides high luminosity together with a practical and elegant design. It is possible to be equipped with air distribution and power plugs following customer request and specifications.

Code B.39.11.0001: Powerhood S200-32 (400V/32A)

Code B.39.11.0002: Powerhood S200-16 (230V/16A)

PIT PERCHES CASELINER®



PIT PERCH FORMULA

PIT PERCH FORMULA is stand on the pit lane for the engineers, timekeepers and team managers. Stainless steel construction, textile roof and side walls with zipper system. It is extremely fast to assemble in 10 minutes. One shelf inside provides support for laptops and monitors. The roof and side parts are fully detachable and can be used up to three variants of using of the side parts. Pit perch can be supplied with platform and transport flight case box, which includes required number of rotating chairs with high back.

Chair and monitors are available on demand.



PIT PERCH ENDURANCE

PIT PERCH ENDURANCE is designed for 3 engineers. Its design is very elegant, it will attract the attention of your team at the circuit.

The basic structure is made of stainless steel tubes with easy connection system. The roof and side parts you can use as the single items, and use it as coming from the climate conditions.

Pit perch can be completely closed and protect you from the rain. Very fast installation due to zip-fasteners which are waterproof.

Chair and monitors are available on demand.



LED PIT BOARD CL-15

LED PIT BOARD CL-15 is an electronic LED information panel that shows information to the drivers who are passing through the pit area. We have developed our pit board with the effort of a team of engineers to offer the best product on the market. Standard LED fonts can be projected in 1,2,3 to 4 lines. Possibility of inserting graphic files depicting logos, signals, instructions, symbols, etc. CL-15 includes standard software for Windows 10 and higher environment. Can be connected with TrackSide software / RaceCTRL and HH Development / HH Timing apps. Our original electro ejection is controlled automatically depending on the position of the car on the track by GPS. You can add any information in real time.



BEVERAGE CATERING

Beverage box with a refrigerator for cooling of the drinks. The right side is space for supplies, glasses and other material

- 1500x600X1080 mm (59,05"x23,62"x42,51")
- Double sliding doors fridge

DATA CASE CASELINER®



DATA CASE 6-8

The latest edition of our DATA CASE 6-8 in the basic assembly with 6x 24" LCD/TV monitors. This set can be increased by another 2x 32" LCD/TV extension. Ergonomic positioning of the TV monitors, including a practical bus for HDMI and USB connectors. Many storage areas and space for PCs, laptops and printers. Also includes 5 pull-out drawers. Includes 3 pull-out work surfaces. You can clip two side tables on the left and right.



DATA CASE 2

The mobile office DATA CASE 2 is applicable in various fields. The case has locking lids, in which LCD or LCD / TV monitors are placed. A pull-out work surface for keyboard and mouse, printer. Suitable for processing telemetry, mobile offices, etc. The dimensions of the transporting size are 1200 x 605 x 890 mm. All our CASELINER flight cases are built using the best available materials and are designed to give years of hassle-free protection.



TOOLBOX UNI B1

The basic module UNI B1 has a workbench that can be attached on the left or right. Workbenches can be combined with all types of the UNI concept series. The standard colour is black and silver hardware. The limited B&W series is available exclusively in white and black. On request we can combine any colour of plywood and silver or black hardware.

- Small container = 60x40x12cm / inner 57x37x11,5cm
- Large container = 60x40x32cm / inner 57x37x31,5cm
- Width 470mm / depth 735mm / height 1005mm
- EURO boxes are supplied in grey as standard
- EURO boxes in black are designed for transporting electronic devices. The material is soft and anti-static. Only on request.



TOOLBOX UNI DB2

Universal combo set, pull-out tool drawers and EURO spare parts boxes. Complete with two side tables. Suitable for every team. The standard colour is black and silver hardware. The limited B&W series is available exclusively in white and black. On request we can combine any colour of plywood and silver or black hardware.



HELMET BOX

HELMET BOX Storage for helmets, personal equipment, etc. On request, we can produce any flight case according to your needs. Two modules that join together for transport. Inside it has a total of 18 boxes, which can be supplemented with lockable doors on request. The standard box does not include a door. On request.

- 1270 x 1010x 1565 mm (1 module depth 505mm)
- can be fitted with a locking door.
- can be supplemented with drawers

TOOLBOXES CASELINER®

Special transport flight case for tools and spare parts.



TOOLBOX

- 600x600x950 mm
(23,62"x23,62"x37,40")
- 5x drawers (1x modular)



TOOLBOX DOUBLE

- Two cases
- Work plate 2000x550 mm
(78,74"x21,65")
- As the same as the specifications TOOLBOX CLASSIC



TOOLBOX BIGGER

- 1200x600x1080 mm
(47,24"x23,62"x42,51")
- 5x drawers (1x modular)
- 8x PVC boxes



TOOLBOX BIGGER PLUS

- 1200x600x1080 mm
(47,24"x23,62"x42,51")
- 5x drawers (1x modular)
- 8x PVC boxes
- Attachable side table 1200 mm (47,24")



TOOLBOX OPTIMUM SET

- OPTIMUM A: 670x600x850 mm
(26,37"x23,62"x33,46")
- OPTIMUM B: 670x600x850 mm
(26,37"x23,62"x33,46")
- WORK DESK: 2000x450 mm
(78,74"x17,71")



TOOLBOX UNI B4

- 1800x650x1010 mm
(70,86"x25,59"x39,76")
- 12x PVC boxes

REFUELING STATIONS **CASELINER®**

FOR RACING APPLICATIONS



PIT TROLLEY ENDURANCE

PIT TROLLEY ENDURANCE is all new conception with elegant solution in refuelling area, air distribution and complete distribution of tank hoses at PIT STOP area. Trolley has many of storage areas, including practical entry / rear doors to each sections. Including holder area for PAOLI regulators. On request with new double carbon rotary boom CB400. (or inox single arm IB100, or add second arm IJ100C)

- Aluminium construction
- 2080x1080x1100 mm (81,88"x 42,51"x 43,30")
- Holder for PAOLI F1, F2, F4 and F5 regulators

PIT TROLLEY FIA

Basic pit trolley for RF200 system, placing of the air pressure bottles and air pressure regulators. We provide various versions of design - positioning of RF200 and rotary boom longitudinal or transverse position toward to passage in the pit lane. On request with new double carbon rotary boom CB400 (or inox single arm IB100, or add second arm IJ100C).

- Flight case construction with strengthening floor steel frame
- 2250x1050x1190 mm (78,74"x39,37"x41,33")
4 wheels
- Holder for 3 cylinders (av. 233mm type)

BOTTLE CAGE BC-PRO

Special holder for the rotary arms and two big cylinders. It is primarily located for GT CHALLENGE SPRINT, DTM, ADAC GT MASTER, and other similar series, where no petrol refueling stop is required at the PIT STOP.

- High-quality stainless steel, including stabilizing legs.
- Side holder for PAOLI gun and AIR LANCE on demand
- Rotary arm IJ100, CB200, CB400 on demand

REFUELING STATIONS **CASELINER®**

FOR TEST APPLICATIONS



ROTARY BOOM INOX IBIOOS

New split horizontal arm that makes it easier to transport. It can also be used without the add-on part behind the rotary joint. As an option, you can add light bars for LED lighting above the car. Or add a second IJ100CX rotating arm with a modified arrangement of the rotating arms in between. Rotating through 360 °.

- Our patent design for rotary system
- Suitable for high pressures 25-30bar
- Stainless steel design of all components
1700mm rotary arm
- Total arm length 4000mm, (divisible by adding 1500mm)



DUMPCAN/DRAIN CAN

- DUMPCAN DC-6S (6L for Staubli SAF45.5000/DN)
- DUMPCAN DC-9S (9L for Staubli SAF45.5000/DN)
- DUMPCAN DC-6K (6L for Krontec RFC-88DN)
- DUMPCAN DC-9K (9L for Krontec RFC-88DN)
- DUMPCAN DC-9C (9L – with PP20M drain plug)
- REDUCTION D08/SPT12



RF200 REFUELING RIG

REFUELING RIG RF200 is designed for a fast refill during endurance races, with a capacity of 200 l / 52,83 gal according to the FIA AP. " J ", 252-7 or FIA-WEC, with fuel restrictors, closing valves DEADMAN with a recurrent spring and airing system.

New weighing system CWU 300 under RF200 with electronic info display with Bluetooth conn.

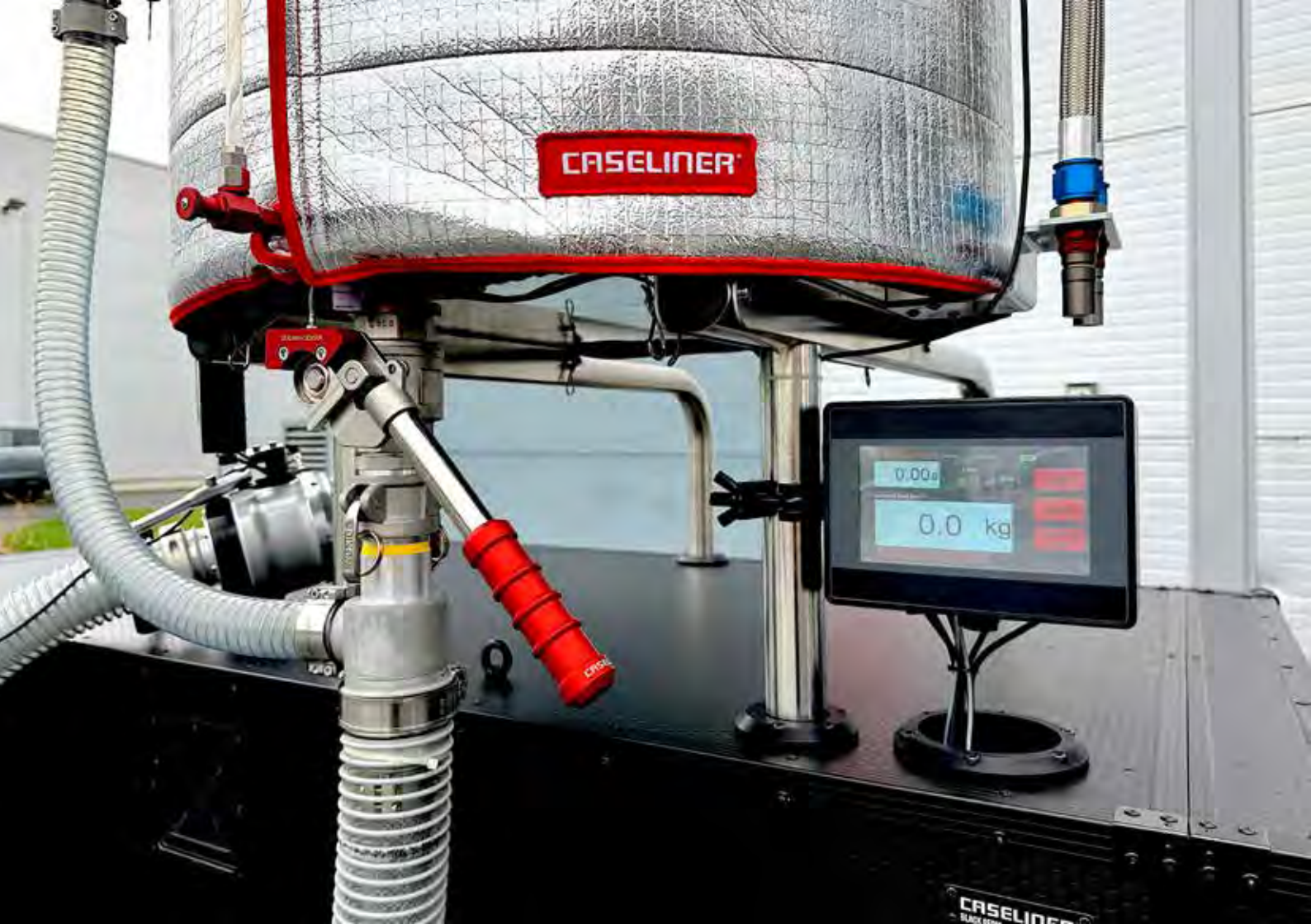
- RF200-FIA (GT3, and other FIA rules)
- RF200-FIA-WEC (ELMS, Asia LMS)

CASELINER

0.00g

0.0 kg

CASELINER
BLACK BOX



RMS200 FUEL MEASURING SYSTEM

A system to continuously monitoring and recording the refuelling process of a race car and monitoring the fuel level in the RF200 refuelling tank. The system uses state-of-the-art ultrasonic measurement technology in compliance with current FIA regulations. Weights for fuel rigs are not required. The RM-200 system is modular, with the possibility of using the main BASIC unit and an external unit for direct control of the refuelling phase by a second mechanic who has an overview of the amount of fuel filled and the time measured in the process. The RMS-200 can be used in any racing series. It can be mounted directly on the RF200 brackets in three positions from the left, right or under the pipe. The TIMER module will be placed on Stäubli SAF , Krontec RFC or PP20M valves.

- RMS-200-M / MAIN UNIT / fuel sensor, DumpCan sensor / code 0152021801
- RMS-200-T / TIMER UNIT / code 0152021802
- RMS-200-ST HOLDER / holder for Staubli SAF valve / code 0152022851
- RMS-200-KR HOLDER / holder for Krontec RFC valve / code 0152022852
- RMS-200-PP HOLDER / holder for PP20M valve / code 0152022853



REFUELLING STATIONS **CASELINER®**



REFUELLING BOTTLE CL25 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25 is a standard 25L tank and one PP20M valve.



REFUELLING BOTTLE CL25-45 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25 is a standard 25L tank and one PP20M valve.



KRONTEC BOTTLE & TROLLEY KR25

25 L Refueling Bottle KRONTEC RFC-89-K-FL or KRONTEC RFC-89-K-FL-45. Enables quick and easy refueling. Heavy-duty construction.



REFUELLING BOTTLE CL25D & TROLLEY CL25F

Caseliner Refuelling Bottle CL25D is a standard 25L tank and double PP20M valves.



REFUELLING BOTTLE CL25D-45 & TROLLEY CL25F

Caseliner Refuelling Bottle CL25D-45 is a standard 25L tank and double PP20M valves with 45°angle hose.



STAUBLI TILTED BOTTLE & TROLLEY ST25

25 L Refueling Bottle STAUBLI – SAF45.1025/RO/JKV. Enables quick and easy refueling. Heavy-duty construction.

TYRE HEATER RACK **CASELINER®**



TYRE HEATER RACK (STANDARD)

Designed for the endurance racing, tyre heater rack can pre-heat up to three sets of tyres. The frame is constructed in two sections from stainless steel. The warm is kept within the rack by a strong PVC silver/thermo AIRTEX awning, which can be unzipped in two individual sections.

Transport flight case is optional.

- Full demountable
- 2000 mm width (78,74")
- 2000 mm high (78,74")
- 1000 mm depth (39,37")

Code B.39.05.0002: Diesel heating device



TYRE HEATER RACK ENDU2 / TYRE HEATER RACK ENDU4

Special warm box designed for heating of tyres during the endurance races. Tyre heater rack can pre-heat 2 or 4 sets of tyres. Easy to assemble by aluminium construction with a textile covering AIRTEX and internal thermal material that keeps heat well. Two or four chambers, independently heated with a mechanical controlled temperature level. Two zippered section for access to the tires with a small inspect window control and measure the actual temperature. Transport flight case is optional, for all parts, incl. heater Master.

ENDU 2 (Code B.39.05.0004)

- Full demountable
- 1920 mm width (75,59")
- 1900 mm high (75,59")
- 980 mm depth (38,58")

ENDU 4 (Code B.39.05.0006)

- Full demountable
- 3800 mm width (149,60")
- 1900 mm high (75,59")
- 980 mm depth (38,58")

TYRE TROLLEYS **CASELINER®**

TYRE TROLLEY PRO SERIES

High quality trolley made from stainless steel for transport and storage of tyres. Accessories on demand.

- Wheels 160 mm (6,29") - 900 kg
- Outer high 1500 mm (59,05")
- Outer depth 650 mm (25,59")
- Horizontal beams 1300 or 1500 mm

Code B.39.05.0013: PRO140

Code B.39.05.0014: PRO160



TYRE BOARD

Special plate TYRES BOARD for stocking and short distance transport of the wheels.

- Diam. 620mm / 25,19"
- 4 wheels (2x rotary + 2x with brake)
- Black color
- 15 mm plywood
- Max. load weight 300 kg



TYRE TROLLEY HEATING

Folding trolley made from stainless steel designed to heat the tyres with warm up quilts.

- 4x wheels 80mm (3,14")
- Folding plate with quick release



TYRE TROLLEY FORMULA

High quality trolley made from stainless steel for transport of tyres. Folding plate.

- 2x wheels 200mm / 7,87"
- Folding handle
- High 1400mm / 55,11"





BELT BARRIERS

Crowd control belt barriers with internal mechanism equipped with centrifugal belt-breaking system. Belt length is 2,3m. Available colors: black (B.39.10.0004), grey (B.39.10.0001), blue (B.39.10.0002) and red (B.39.10.0003). Transport flight cases (B.48.0014), bags and printing are optional.

- Height 1000 mm / 39,37"
- Belt length 2,3 m / 90,55"
- Total weight approx. 12 kg / 26,45 lb



MECHANIC CHAIRS

Stainless steel mechanic's chair with 4 wheels and tools area.

- 4x double-wheel
- 30 mm stainless steel
- Black plywood upholstered seat
- Tools area



WHEELS BATH

It is ideal for easy cleaning tires and wheels. It is fitted with a pair or two of bearing rollers for easy rotation of the wheel during cleaning.

Available:

- » B.39.07.0001: wheel bath single
 - » B.39.07.0002: wheel bath double
- Material stainless steel
 - Removable legs, one adjustable leg
 - Two adjustable rotary rollers.



A close-up photograph of various mechanical components. In the foreground, a dark metal spring is coiled. To its left, a gear-like part is visible with some faint markings. The background is blurred, showing more metallic parts and a blue surface.

PRODUCT CARE

Service and overhaul

PAOLI SERVICE



To ensure the reliability, accuracy, power and speed of our product, we recommend a complete overhaul. Our After Sale Service can provide information about after how many cycles (No. 1 cycle = No. 1 LOOSENING + No. 1 TIGHTENING) the service is required.

You can also require the repainting of the tool to get it back to the aesthetic (and functional) conditions similar to a new wheel gun. The service Test carries out laboratory testing on individual components subject to greater effort. It is possible also to convert the directionality (for each wheel gun model), transforming it to its different versions (UH, RH, LH).






- **S - SERVICE AND REPAIR:**
the wheel gun is fully overhauled, cleaned, all consumable components replaced and finally tested
- **R - SERVICE, REPAIR AND REPAINT:**
in addition to the service S, the wheel gun is repainted
- **T - SERVICE, REPAIR, AND TEST REPAINT:**
in addition to service R, the wheel gun is subjected to various tests that certify the conformity of the components
- **C - SERVICE, REPAIR, REPAINT AND CONVERSION:**
in addition to service R, the wheel gun is transformed to its different versions (UH, RH, LH).

The table on the following page details all transactions carried out for each type of service.

WHEEL GUNS SERVICE PROCEDURE

	S SERVICE REPAIR	R SERVICE REPAIR REPAINT	T TEST	C SERVICE REPAIR REPAIR CONVERSION
CHECK Check of the table "Request for Service & Maintenance" that is filled in to the customer.	✓	✓		✓
DISASSEMBLING The wheel gun is completely disassembled.	✓	✓		✓
EXAMINE Check of each part for conformity.	✓	✓		✓
CLEANING Each part is cleaned and the grease is taken off.	✓	✓		✓
REPLACEMENT Replacement consumables parts (service kit: vanes, screws, washers, valve seat).	✓	✓		✓
DE-PAINTING The alloy parts are de-painted. The clutch cover is re-coated.		✓		✓
RE-ASSEMBLING The wheel gun is re-assembled.	✓	✓		✓
TEST The wheel gun is tested.	✓	✓		✓
RE-PAINTING The wheel gun is prepared for the re-painting and then properly re-painted.		✓		✓
CONVERSION Some parts are replaced to convert the wheel guns into UH, RH, LH versions.				✓
CERTIFICATE This document certifies the parts that have been replaced and the tightening torque the gun reaches after the service.			✓	

WHEEL GUNS SERVICE CODES

	S	R	T	C
HURRICANE 2.0	R.01.01.01.0062	R.01.01.01.0063	R.05.01.01.0001	
HURRICANE	R.01.01.01.0055	R.01.01.01.0056	R.05.01.01.0001	
DP 6000	R.01.01.01.0049	R.01.01.01.0050	R.05.01.01.0001	
DP 6000 BIAS	R.01.01.01.0059	R.01.01.01.0060	R.05.01.01.0001	
DP 5000 TI MARK II	R.01.01.01.0040	R.01.01.01.0041	R.05.01.01.0001	
DP 5000 BIAS	R.01.01.01.0053	R.01.01.01.0054	R.05.01.01.0001	
DP 4000 30BAR	R.01.01.01.0044	R.01.01.01.0045	R.05.01.01.0001	
DP 4000 ALU	R.01.01.01.0032	R.01.01.01.0033	R.05.01.01.0001	
SUPERSPORT NEXTGEN	R.01.01.01.0066	R.01.01.01.0067	R.01.01.01.0001	
SUPERSPORT	R.01.01.01.0030	R.01.01.01.0031	R.05.01.01.0001	
DP 4000 BIAS	R.01.01.01.0042	R.01.01.01.0043	R.05.01.01.0001	
DP 4000	R.01.01.01.0023	R.01.01.01.0024	R.05.01.01.0001	LH  RH R.02.01.01.0038 RH  LH R.02.01.01.0039 UH  RH R.02.01.01.0040 UH  LH R.02.01.01.0041 LH / RH  UH R.02.01.01.0042
DP 3000	R.01.01.01.0019	R.01.01.01.0020	R.05.01.01.0001	

WHEEL GUNS SERVICE CODES

	S	R	T	C
DP 2000 SE DP 2000 S DP 2000	R.01.01.01.0001	R.01.01.01.0002	R.05.01.01.0001	LH → RH R.02.01.01.0009
				RH → LH R.02.01.01.0010
				UH → RH R.02.01.01.0012
				UH → LH R.02.01.01.0011
DP 197 SFE DP 197 SF DP 197 S DP 196 S	R.01.01.01.0009	R.01.01.01.0010	R.05.01.01.0001	LH → RH R.02.01.01.0016
				RH → LH R.02.01.01.0017
				LH / RH → UH R.02.01.01.0033
DP 176 SFE DP 177 SF	R.01.01.01.0046	R.01.01.01.0047	R.05.01.01.0001	
DP 176 SF	R.01.01.01.0007	R.01.01.01.0008	R.05.01.01.0001	LH → RH R.02.01.01.0025
				RH → LH R.02.01.01.0026
BLUEDEVIL	R.01.01.01.0026	R.01.01.01.0027	R.05.01.01.0001	
DP 36 SF	R.01.01.01.0021	R.01.01.01.0022	R.05.01.01.0001	
DP 36 SF EVO	R.01.01.01.0034	R.01.01.01.0035	R.05.01.01.0001	
4 BIKE	R.01.01.01.0057	R.01.01.01.0058	R.05.01.01.0001	

NOTE: just if no major parts need to be replaced, otherwise a new estimate of cost will be sent

ELECTRIC GUN SERVICE

Any type of service and repair operation involving the electrical circuits (mechatronic components, electric motor and trigger) must be carried out by highly specialized DINO PAOLI's staff.









DINO PAOLI s.r.l. cannot be held responsible, and will not accept any requests for compensation for damages caused by failure to follow the manufacturer's instructions.

OPERATIONS THAT CAN BE CARRIED OUT EXTERNALLY TO PAOLI STAFF







	EXAMINE	CLEANING	GREASING
E-GUN			
TYPHOON PLUS with Torque Indicator		✓	✓
TYPHOON PLUS	✓	✓	✓
TYPHOON 1"	✓	✓	✓
TYPHOON 1/2"	✓	✓	✓
TYPHOON 3/4"	✓	✓	✓
ROCKET	✓	✓	✓
TOOLKIT	✓	✓	✓
TYPHOON BRUSHLESS 1/2"	✓	✓	✓
TYPHOON BRUSHLESS 3/4"	✓	✓	✓
TORNADO	✓	✓	✓

WARNING! In brushed motor application is recommended to periodically blow compressed air through the motor vents to keep the brushes in optimal conditions.

AIR PRESSURE REGULATORS SERVICE & REPAIR

PRODUCT NAME	GAUGES	CODE	PRODUCT NAME	GAUGES	CODE		
F1		GLYCERIN (silver version)	R.01.03.0008	F5		GLYCERIN	R.01.03.0036
F2		GLYCERIN (silver version)	R.01.03.0010	F4		GLYCERIN (gold version) GLYCERIN (silver version)	R.01.03.0009 R.01.03.0028
F9 2.0		STANDARD	R.01.03.0014	F40		STANDARD	R.01.03.0022
		UPGRADE 220 bar → 350 bar	R.01.03.0001				
F15		GLYCERIN	R.01.03.0010	F50		GLYCERIN	R.01.03.0029

ACCESSORIES SERVICE & REPAIR

PRODUCT NAME	GAUGES	CODE	PRODUCT NAME	GAUGES	CODE
AIR BOTTLES			HOSES		
	SERVICE	R.01.03.0011		SERVICE	R.01.03.0006
COMPRESSOR			COUPLINGS		
	SERVICE	R.01.03.0039		SERVICE	R.01.03.0017
			TST EUROPE DN11		
WHEEL NUT SOCKETS			COUPLINGS		
	SERVICE	R.01.03.0033		SERVICE	R.01.03.0016
			TST EUROPE DN8		

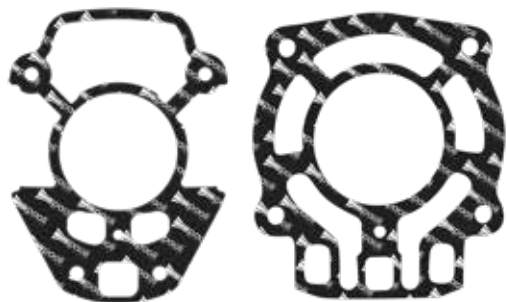
SERVICE KIT

CODE	PRODUCT NAME	AVAILABLE FOR
B.23.0232	KITHURRICANE20	HURRIICANE 2.0
B.23.0170	KITHURRICANE	HURRICANE
B.23.0138	KIT6000	DP 6000 90° ANGLED HANDLE
B.23.0163	KIT6000	DP 6000 CLASSIC HANDLE
B.23.0208	KIT6000BIAS	DP 6000 BIAS
B.23.0164	KIT5000BIAS	DP 5000 BIAS
B.23.0108	KIT5000TI	DP 5000 TI
B.23.0123	KIT400030BAR	DP 4000 30BAR
B.23.0079	KIT4000ALU	DP 4000 ALU
B.23.0048	KIT4000	DP 4000
B.23.0107	KIT4000BIAS	DP 4000 BIAS
B.23.0001	KIT2000S	DP 2000 S, SE
B.23.0240	KITSUPERSPORTNEXTGEN	SUPERSPORT NEXTGEN
B.23.0089	KITSUPERSPORT	SUPERSPORT
B.23.0203	KITREDDEVILBLACKBIRD	RED DEVIL BLACK BIRD
B.23.0002	KIT197SF	DP 197 SF, SFE
B.23.0119	KIT176SFE	DP 176 SFE, DP 177 SFE
B.23.0054	KITBLUEDEVIL	BLUE DEVIL
B.23.0080	KIT36SFEVO	DP 36 SF EVO, 4 BIKE
B.23.0104	KIT36SFEVOUS	DP 36 SF EVO US
B.40.0052	KITF4	F4 (gold version)
B.40.0065	KITF4	F4 (silver version)
B.40.0107	KITF5	KITF5
B.40.0109	KITF920	F920
B.40.0054	KITF1F2	F1, F2
B.40.0055	KITF1F2B	F1, F2 (yellow brass version)
B.40.0050	KITF15	F15
B.40.0051	KITF40	F40

Dino Paoli S.r.l. does not assume responsibility for the use of the kits by unauthorized or not properly trained workers.



THREE-LAYER REAR GASKETS



OPTIONAL RUBBER COATED ALUMINUM GASKET



Three-layer gasket designed to guarantee a longer life and a better seal compared to traditional gaskets.

- Reusable
- More use cycles
- Excellent mechanical performance
- Give the consideration of both aluminium rigidity and rubber elasticity for its special construction.

CODE	AVAILABLE FOR
D.01.17.0111	HURRICANE
D.01.17.0112	DP 6000, DP 6000 BIAS, DP 5000 BIAS, DP 5000 TI MARK II, DP 4000 30BAR

SERVICE TOOLS



CODE	AVAILABLE FOR
B.23.0159	DP 6000, DP 5000 TI MARK II, DP 4000 ALU, DP 2000 SE

For the single codes of the tools please refer to the repair manual of the specific model.

MONOLITHIC PIN



- High resistance
- High performance in terms of rotation speed and precision point on work on the cam
- Easily controllable status of life simply by measuring the diameter from the starting point and day by day comparing the gun performance respect the diameter decrease.
- Built in titanium

CODE	AVAILABLE FOR
D.01.10.0010	HURRICANE, DP 6000, DP 6000 BIAS, DP 4000 ALU, DP 5000 TI MARK II, DP 4000 30BAR, DP 2000 SE, DP 3000 SUPERSPORT

WHEEL GUN LUBRICANTS



B.27.0007



B.27.0004



B.27.0005



B.27.0016

PRODUCT CODE	QUANTITY	DESCRIPTION
B.27.0007	1 kg	Special Grease for PAOLI wheel gun hammer mechanism.
B.27.0004	1 l	Special Oil for PAOLI wheel gun motors.
B.27.0005	5 l	Special Oil for PAOLI wheel gun motors.
B.27.0016	500 ml	Special <i>fin Lube</i> spray Lubricant for PAOLI wheel gun motors (it contains microspheres of teflon which enhance the inner surface protection and lubrication.

WHEEL GUNS SPARE PARTS

DP 6000



Paoli repair manuals are available for the most popular models.

SPARE PARTS

As manufactures of our wheel guns we get available to our customers all the spare parts for maintenance and repair. Contact us for inquiries and quotes.

ACCESSORIES SERVICE & REPAIR

Across the range of accessories that we sell we provide sales of spare parts. Please contact us for all your needs.


































We repair and overhaul all our products. Please contact our After Sales Service for information.
































www.paoli.net

WHEEL GUN CONFIGURATION

CUSTOMIZE YOUR
PAOLI WHEEL GUN

WHEEL GUN		HANDING			SPLINE MODEL	SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH		3PORT	2PORT	CARBON	ALUMINIUM
HURRICANE 2.0									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 CLASSIC HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 90° ANGLED HANDLE									
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 6000 BIAS		RH & LH VERSIONS IN A SINGLE GUN							
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

PLEASE, PUT A TICK IN THE REQUIRED BOXES AND SEND THE DOCUMENT AT SALES@PAOLI.NET

WHEEL GUN		HANDING			SHUTTLE MOTION		COVER MATERIAL	
		LH	RH	UH	3PORT	2PORT	CARBON	ALUMINIUM
DP 4000 ALU								
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
DP 4000 30BAR								
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
SUPERSPORT NEXTGEN					NOT AVAILABLE		NOT AVAILABLE	
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>		<input type="checkbox"/>
DP 2000 SE					NOT AVAILABLE			
		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>

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FAQ

Your questions. Our answers



THE POWER OF
DOING IT
RIGHT
BY
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FAQ FREQUENTLY ASKED QUESTIONS

-  **Why do we have LH, RH, UH wheel guns?**
RH and LH give more power on the loosening mode (where it is mostly required), UH delivers the same power on both directions.
-  **Which feature have I to keep in mind to chose a hose in order to get the best performance?**
The most important feature is the inner diameter of the hose in order to guarantee the correct air flow to the gun.
-  **What is the difference between a 2-port and a 3-port back cover?**
The ports are the holes in the shuttle (they can be 2 or 3). This definition refers to the shuttle motion. The 2-port is normally for right handed operators, the 3-port is normally for the left-handed operators.
-  **What BIAS means and what is its purpose?**
BIAS means that the gun is both RH and LH and you can convert it from one version to the other just moving a lever on top of the gun.
-  **What is the difference between static and dynamic pressure?**
The static pressure is the pressure you read on the OUT gauge of the regulator when the gun is not working; on the other hand, the dynamic pressure is the pressure you read on the OUT gauge of the regulator when the gun is working (the dynamic pressure is always lower than the static pressure).
-  **Why would I need a Fast Shuttle on my wheel gun?**
To be faster at changing the gun direction (from loosening mode to tightening mode just pushing a lever with the thumb or just slightly moving the wrist on the Fast Shuttle 2.0 release).
-  **How can I increase the service life of the Typhoon?**
Running the impact wrenches only when strictly necessary helps preserve the motor brushes. Running it unnecessarily, in fact, can cause premature wear and tear.
-  **Can I use the battery to power other tools?**
The battery has internal protection and can be used in other tools, as long as the connection is compatible and the tool does not require excessive energy consumption compared to the battery's capacity.





AUTOMOTIVE PRODUCTS

Not for racing applications (lower pressure - 6,3 bar)

AUTOMOTIVE IMPACT WRENCHES

(LOWER PRESSURE - 6,3 BAR)

AUTOMOTIVE IMPACT WRENCHES

Discover a small selection of our automotive impact wrenches for garage applications.

Paoli automotive products are designed for optimal garage use.

Our automotive impact wrenches are designed to be lightweight and easy to handle with an optimum weight/power ratio.

Technical features, working pressure and constructive materials are not suitable for racing applications.

You can find all the Paoli automotive products on our website www.paoli.net.

ATTENTION: NOT FOR RACING APPLICATIONS

The company does not suggest the use of these products at a working pressure of over 6.3 bar.

BUTTERFLY



Also available:
BUTTERFLY XC
WITH SCREWDRIVER CONNECTION
Square drive: 1/4" FEM. HEX.

PRODUCT NAME	BUTTERFLY
PRODUCT CODE	BUTTERFLY.001
SQUARE DRIVE	3/8"
BOLT RANGE	M10
MAX TORQUE	110 Nm (80 ft-lb)
WORKING TORQUE	10-100 Nm 10-75 ft-lb
WEIGHT	0,53 kg - 1.17 lbs
FREE SPEED	12000 rpm
IMPACTS NUMBER	1000/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	130 mm (5.11")
SIDE TO CENTER	20 mm (0,78")

DP 1050



PRODUCT NAME	DP 1050
PRODUCT CODE	001050.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M10-M16
MAX TORQUE	700 Nm (518 ft-lb)
WORKING TORQUE	100-600 Nm (74-444 ft-lb)
WEIGHT	1,3 kg (2.87 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1150/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	9,5 mm (0.374")
LENGTH (WITHOUT ANVIL)	92 mm (3.62")
SIDE TO CENTER	29 mm (1.14")

DP 1800 PLUS



PRODUCT NAME	DP 1800 PLUS
PRODUCT CODE	1800PL.00001
SQUARE DRIVE	1/2"
BOLT RANGE	M24
MAX TORQUE	1650 Nm (1200 ft-lb)
WORKING TORQUE	150-900 Nm (110-670 ft-lb)
WEIGHT	1,65 kg (4.33 lbs)
FREE SPEED	9000 rpm
IMPACTS NUMBER	1850/min
MAX WORKING PRESSURE	6,3 bar (91 psi)
AIR INLET	1/4" NPT
INNER HOSE DIAMETER	8 mm (0.315")
LENGTH (WITHOUT ANVIL)	160 mm (6.3")
SIDE TO CENTER	35 mm (1.38")





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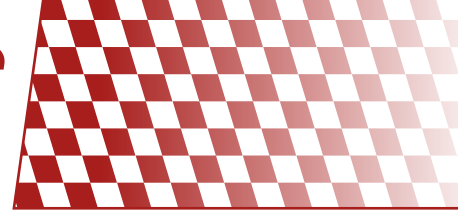
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BAR

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VILLOR

PAOLI CHAMPIONSHIPS




- | | | |
|---------------------------|------------------------------|--------------------------|
| Asian Formula Renault | Formula 2 | PCCA |
| Asian Le Mans Series | Formula 3 | Porsche Cup |
| Audi Sport R8 LMS Cup | Formula Masters China Series | Porsche GT 3 Cup Brasil |
| GT World Challenge Europe | GT | Radical Cup China |
| Cape Town Power Series | IMSA | Scirocco R-Cup |
| China GT Championship | IndyCar | Stock Car |
| China Touring Cup | Lamborghini Super Trofeo | Stock Car Light |
| Copa Petrobras de Marcas | Las 6 horas Peruanas | Super Formula |
| DTM | Le Mans Cup | Super GT |
| ELMS | 24 Hours of Le Mans | Super TC2000 |
| Endurance | Malaysia Championship Series | TC2000 |
| Ferrari Challenge | Mercedes Benz Challenge | TCR China |
| F Nippon | Brasil | TCR International Series |
| F3 Asian Championship | N1 SuperTaikyu | Thailand Super Series |
| Formula 1 | Nascar | V8 SUPERCAR |






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Models, specifications, colors and codes are subject to change without prior notice due to continuous improvements. Thank you for your interest in our products.





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