

UNITED RACE PARTS®



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UnitedRaceParts.com

UNITED RACE PARTS®





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The only factory-trained Paoli sales and service center in the United States

UNITED
RACE PARTS®



2015	URP is formed and becomes the sole North American Sales & Service Center for Paoli.
2016	Creates and awards the first Golden Gun award at the Indy 500 Pit Stop Competition.
2017	Partnership formed with Greaves 3D offering premium pit equipment.
2018	First season as the Common Wheel Gun supplier for NASCAR's Cup and Xfinity Series. PRI Global Media Award Winner.
2019	Designed and produced, with Greaves 3D, a 3-tier engineering stand for Corvette Racing. Awarded Second PRI Global Media Award.
2020	NCMA Motorsports Industry Award Winner.
2022	First season as the sole supplier of single lugnut for NASCAR's Cup Series.
2023	Partnership formed with Quentor offering premium mobile walling systems and freight solutions.
2024	URP moves to new state of the art facility.
TODAY	Support customers with premier pit equipment on five continents, supporting 100% of the teams in IndyCar, IMSA & NASCAR.



THE GOLDEN GUN AWARD

Since our first day of business, United Race Parts has been proud to support the Indianapolis 500 Carb Day Pit Stop Competition, which included creating the inaugural wheel gun award for the 100th Indianapolis 500. Renamed the United Race Parts Golden Gun in 2017, this prize continues to be the target of all teams entered in the competition. A small token for the crews that put in the hard work all year long, the Golden Gun certainly grabs your attention and will be a sought-after prize for years to come.

WINNERS INCLUDE:

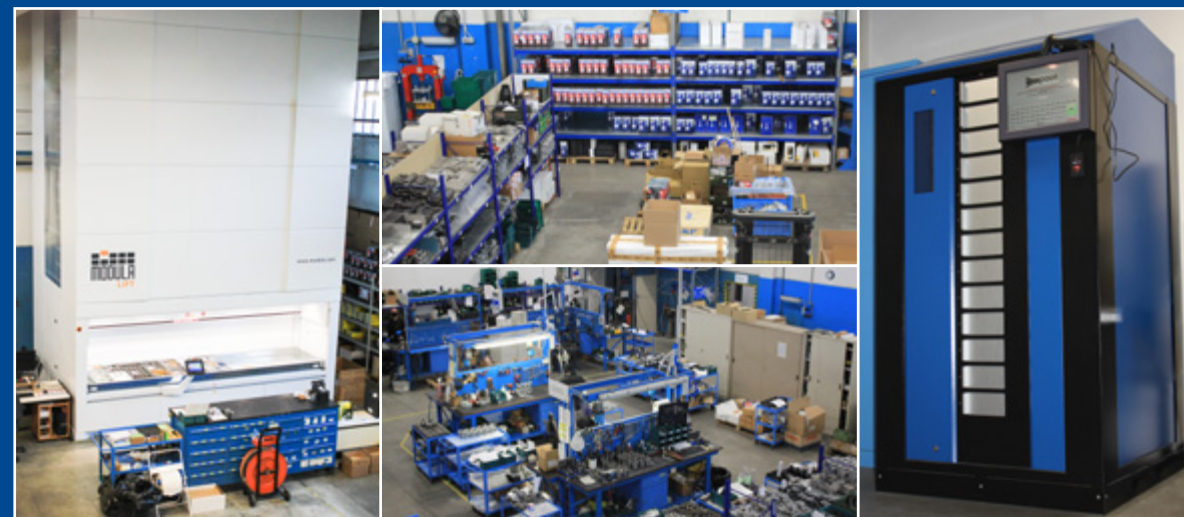
- 2016 // Team Penske #3 Helio Castroneves & Travis Law
- 2017 // Team Penske #12 Will Power & Matt Jonsson
- 2018 // Chip Ganassi Racing #9 Scott Dixon & Blair Julian
- 2019 // IndyCar: ASPM # 7 Marcus Ericsson & Brendon Cleave
- 2022 // Team Penske #2 Josef Newgarden and Travis Law
- 2023 // Chip Ganassi Racing #9 Scott Dixon and Tyler Rees



WHEEL GUNS



Based in Reggio Emilia, Italy, Dino Paoli Srl designs and manufactures equipment and tools for motorsport, automotive and industrial applications.



The entire manufacturing process is internally managed from the inception to the final product. State-of-the-art instrumentation is used to perform the most complicated procedures with precise tolerances.

Thanks to the highly qualified personnel and in-house machining capabilities, Paoli is able to produce, control and deliver up

to 5,000 impact wrenches annually, while supplying the spare parts and equipment to service existing products in the marketplace.

United Race Parts currently performs more than 750 impact wrench services per year with five trained and certified technicians.



CHOOSING THE RIGHT WHEEL GUN

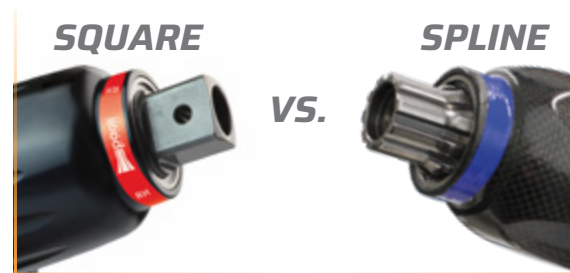
With so many options, choosing the correct configuration and model can be a daunting task. Below is a quick guide and a few points to consider.

Drive Type

Choose the correct drive type for your socket. Using adapters can result in performance loss.

Square drives are the traditional option that engage with most standard sockets.

Spline drives offer better torque transmission and increased durability due to elimination of gaps and vibrations. Improves safety with mounting hardware.



Max RPM

The higher the RPM, the higher the performance. For series with competitive pit stops, the fastest gun can improve your pit stop times. Keep in mind, with more performance comes more maintenance. Over 12,000 RPM is recommended for competitive pit stops. Less than 10,000 RPM is recommended for garage and shop use.



Handle Angle

The 90° handle can provide a more balanced feel to the operator and offers an increase in the handle flow rate. Many experienced users will be comfortable and familiar with a classic 72° handle.

Clutch Cover

The aluminum clutch cover is more durable and recommended for pit guns that are set on the ground. The carbon cover offers a lightweight, aesthetically pleasing upgrade.



ALUMINUM

CARBON FIBER

Max Pressure

Higher pressure typically results in higher performance. The referenced pressure is dynamic pressure which is what you read on the regulator outlet gauge or with a gauge at the gun inlet when the wheel gun is working. Static pressure, is what you read on the regulator outlet gauge under no load.



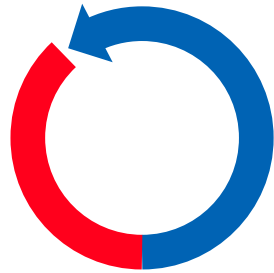
Hose Size

This is the most important aspect in achieving max performance of your wheel gun. Using the shortest possible length of the recommended hose will provide the best performance.



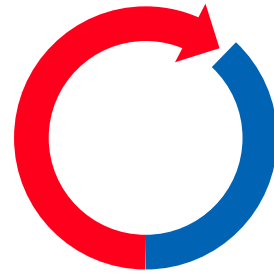
CONFIGURING YOUR WHEEL GUN

Correct handing is the most important aspect of your wheel gun. Most Paoli wheel guns are biased either 50/50 or 60/40 with the 60% being used in the off direction to provide increased breakaway torques. (select models are 70/30)



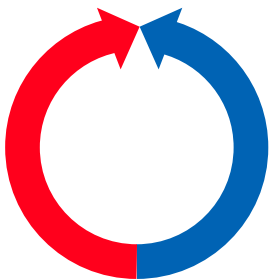
LEFT-HANDED (LH) COUNTER CLOCKWISE

Provides more power in left-hand direction for loosening RH threads.



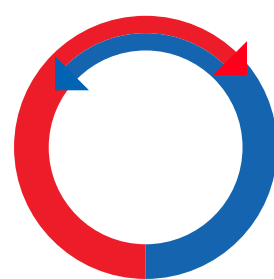
RIGHT-HANDED (RH) CLOCKWISE

Provides more power in right-hand direction for loosening LH threads.



UN-HANDED (UH) 50/50

Provides equal power in both directions.



BIAS LH or RH

LH & RH all in one. Use the proprietary bias lever on top of the wheel gun to choose the needed bias. Extremely useful for series that limit the number of wheel guns used in a pit stop.

Shuttles are offered in 2-port and 3-port to control the direction of the wheel gun correlation to the shuttle position.

Typical application for right-handed operators is:

- » 2-Port for LH wheel guns
- » 3-Port for RH and UH wheel guns
- » This configuration leads to the drop shuttle set-up, which changes the shuttle from off to on when setting the gun on the ground during the wheel change sequence
- » Using the correct shuttles is important for choreography and continuity on both sides of the car

	3-PORT ROTATION SHAFT	2-PORT ROTATION SHAFT
	 CLOCKWISE	 COUNTER CLOCKWISE
	 COUNTER CLOCKWISE	 CLOCKWISE

RACE GUNS



	Hurricane 2.0	Hurricane	DP 6000 Bias	DP 6000	Supersport Next Gen
SQUARE DRIVE	Spline or 1"	Spline or 1"	Spline or 1"	Spline or 1"	Spline or 1"
WEIGHT	8.59 lbs	8.15 lbs	8.11 lbs	7.7 lbs	8.9 lbs
LENGTH	7.99"	7.87"	7.79"	7.79"	7.95"
AIR INLET	3/8" BSP or NPT	3/8" BSP or NPT	3/8" BSP or NPT	3/8" BSP or NPT	3/8" BSP
MAX PRESSURE	362 psi	362 psi	362 psi	362 psi	362 psi
RPM	14,800	14,800	14,300	14,700	11,500
TORQUE	3,100 ft-lbs	3,100 ft-lbs	2,876 ft-lbs	2,950 ft-lbs	2,590 ft-lbs
SHUTTLE	2-port or 3-port	2-port or 3-port	3-port	2-port or 3-port	2-port
HANDING	LH, RH, UH	LH, RH, UH	Bias System	LH, RH, UH	LH, RH, UH
HANDLE	90° or Classic 72°	90° or Classic 72°	Classic 72°	90° or Classic 72°	Classic 72°
CLUTCH COVER	Aluminum	Carbon/Aluminum	Carbon/Aluminum	Carbon/Aluminum	Aluminum
SERIES USE	F1/IndyCar	F1/IndyCar	Le Mans/IMSA	IndyCar/Endurance	NASCAR Cup Series/GT-End.
REC. AIR HOSE	1/2"	1/2"	1/2"	1/2"	1/2"

**More motorsports models are available by request
Contact us for current high-performance offerings.*



	DP 2000 SE	DP 177 SE	DP 176 SFE	RED DEVIL	BLACK BIRD
SQUARE DRIVE	1"	1"	3/4"	1/2"	1/2"
WEIGHT	8.60 lbs	9.20 lbs	8.70 lbs	5.90 lbs	5.33 lbs
LENGTH	7.32"	7.59"	7.28"	7.75"	7.60"
AIR INLET	3/8" BSP or NPT	3/8" BSP or NPT	3/8" BSP or NPT	3/8" BSP	3/8" BSP
MAX PRESSURE	290 psi	290 psi	290 psi	175 psi	175 psi
RPM	9,000	9,500	9,500	14,500	15,120
TORQUE	1,622 ft-lbs	1,327 ft-lbs	1,180 ft-lbs	750 ft-lbs	749 ft-lbs
SHUTTLE	2-port	2-Port	2-Port	2-Port	3-Port
HANDING	LH, RH, UH	LH, RH, UH	LH, RH, UH	LH	LH
HANDLE	Classic 72°	Classic 72°	Classic 72°	90°	Classic 72°
CLUTCH COVER	Carbon/Aluminum	Aluminum	Aluminum	Aluminum	Aluminum
SERIES USE	IMSA/GT	IMSA/GT	IMSA/Porsche	NASCAR/Sports Car	Off-Road/Late Model
REC. AIR HOSE	1/2"	1/2"	1/2" or 3/8"	1/2" or 3/8"	3/8"

AUTOMOTIVE GUNS



	DP 1050	Red Devil 2.0 Street Legal	DP 1800	DP 1000
SQUARE DRIVE	1/2"	1/2"	1/2"	1"
RUNNING PRESSURE	91 psi	200 psi	91 psi	91 psi
AIR INLET	1/4" NPT	1/4" NPT	1/4" NPT	1/4" NPT
TORQUE	444 ft-lbs	740 ft-lbs	800 ft-lbs	1,143 ft-lbs
RECOMMENDED AIR HOSE	3/8"	3/8"	3/8"	3/8"

*Contact us for more offers from Paoli USA



ELECTRIC GUNS



	Typhoon Plus	Typhoon 1"	Typhoon	Rocket	Tornado	Storm	Toolkit
SQUARE DRIVE	Spline or 1"	1"	3/4" or 1/2"	1/2"	1/2"	1/2"	1/4"
WEIGHT W/ BATTERY	7.7 lbs	7.5 lbs	8.07 lbs	4.74 lbs	4.62 lbs	3.66 lbs	1.94 lbs
RPM	1,650	1,650	1,650	1,650	2,450	2,300	1,550
TORQUE	1,180 ft-lbs	1,180 ft-lbs	650 ft-lbs	400 ft-lbs	340 ft-lbs	260 ft-lbs	17 ft-lbs
VOLTAGE	20 V	20 V	20 V	20 V	18V	20 V	10.8 V



RACE ACCESSORIES



SHUTTLE WASHERS

We offer various shuttle washers to optimize the shuttle for each user. With different colors, lengths and diameters available to fit each need.



CUSTOM GRIP TAPE

We offer a variety of custom grip tape kits for all wheel gun models.



WHEEL GUN COVERS

Our custom Ballistic covers are made to fit several model wheel guns including the Hurricane, 6000/6000 Bias, 5000/5000 Bias, 4000 MG, 177.



WHEEL GUN BAGS

These durable polyethylene bags have removable padding, are available in several colors and can hold two wheel guns with sockets mounted.

FAST REVERSE DEVICES



Fast Shift

- Operator-controlled, auto-reverse actuating lever
- Increased speed of shuttle change

Fast Shuttle

- Operator-friendly spring-loaded shuttle reversing mechanism
- Thumb-activated lever

Fast Shuttle 2.0

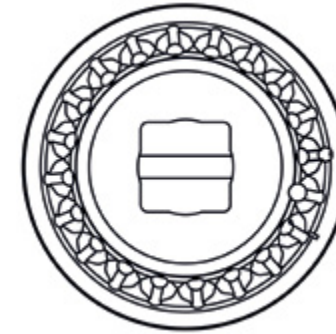
- Wrist-activated, shuttle-reversing mechanism
- Spring-loaded



PAOLI SOCKETS

CHOOSING YOUR SOCKET ENGAGEMENT

FINGERS "WITH TEETH"



HEXAGONAL



DODECAGONAL



SOCKETS

Paoli sockets are an unprecedented product and the result of complex engineering research. Paoli utilizes the highest-quality materials like titanium, aerospace-grade aluminum, and high-grade tool steel for their designs. Titanium is the number one choice for race teams around the world. Along with being aesthetically pleasing, all sockets feature innovative safety systems to retain the socket to the square drive.

	GP3/Indy Lights		IndyCar		NASCAR Next Gen			
MATERIAL	Steel	Steel	Titanium	Aluminum	Steel	Steel	Steel	Titanium
DRIVE	Sq. 1"	Sq. 3/4"	Sq. 1"	Sq. 1"	Sq. 3/4"	Sq. 1"	Spline	Spline
RETENTION	Balls & Springs	Balls & Springs	Magnets/ O-ring	Magnets/ O-ring	O-ring	O-ring	O-ring	Magnets/ O-ring
ENGAGEMENT	Dodecagonal 55mm	Dodecagonal 55mm	Fingers 65.26mm	Fingers 65.26mm	Fingers 75.72mm	Fingers 75.72mm	Fingers 75.72mm	Fingers 75.72mm
TEETH	None	None	20	20	20	20	20	20
PART #	B.28.0034	B.28.0035	B.28.0033	B.28.0041	B.28.0100	B.28.0101	B.28.0102	B.28.0103



PAOLI SOCKETS



	Porsche 991 GT3-R	Porsche 991 Cup	Porsche 991/992 GT3R	
MATERIAL	Titanium	Aluminum	Titanium	Titanium
DRIVE	Sq. 1"	Sq. 1"	Spline	Sq. 1"
RETENTION	Magnets	O-ring	Ghost magnets	Ghost magnets
ENGAGEMENT	Fingers 58.5mm	Fingers 65mm	Fingers 50.8mm	Fingers 50.8mm
TEETH	18	15	18	18



	Huracan Super Trofeo	Huracan GT3			Mercedes AMG GT3-R	
MATERIAL	Aluminum	Steel	Steel	Steel	Steel	Titanium
DRIVE	Sq. 1"	Spline	Sq. 1"	Sq. 1"	Sq. 1"	Sq. 1"
RETENTION	Magnets	Front fixing screw	Magnets	Magnets	Pin, Circlip and O-ring	Pin, Circlip and O-ring
ENGAGEMENT	Hexagonal 70mm	Fingers 49.5mm	Fingers 49.5mm	Fingers 49.5mm	Fingers 61mm	Fingers 61mm
TEETH	None	10	10	10	24	24

*Contact us for more options not listed, or custom made sockets



	Ferrari F430 Challenge	BMW M4 GT3	
MATERIAL	Aluminum	Titanium	Titanium
DRIVE	Sq. 1"	Sq. 1"	Spline
RETENTION	Magnets/Balls & Springs	Ghost magnets	Ghost magnets
ENGAGEMENT	Hexagonal 80mm	Fingers 51.6mm	Fingers 51.6mm
TEETH	None	12	12

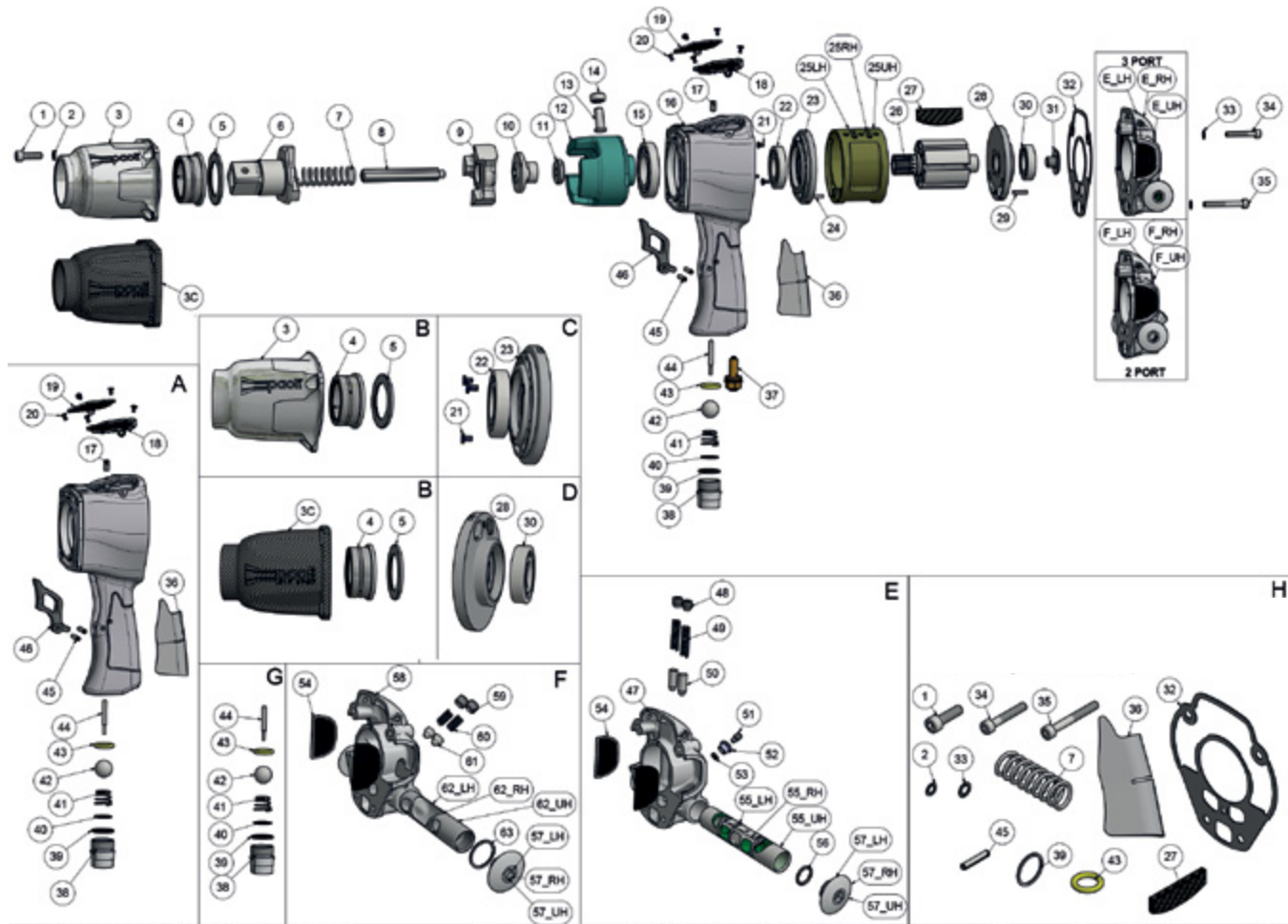


	F458 GT3 (14-slot nut)	F488/F296			
MATERIAL	Aluminum	Titanium	Titanium	Titanium	Aluminum
DRIVE	Sq. 1"	Spline	Spline	Sq. 1"	Sq. 1"
RETENTION	Magnets/O-ring	None	None	None	None
ENGAGEMENT	Fingers 69.18mm	Fingers 59mm	Fingers 59mm	Fingers 59mm	Fingers 59mm
TEETH	28	12	24	24	24



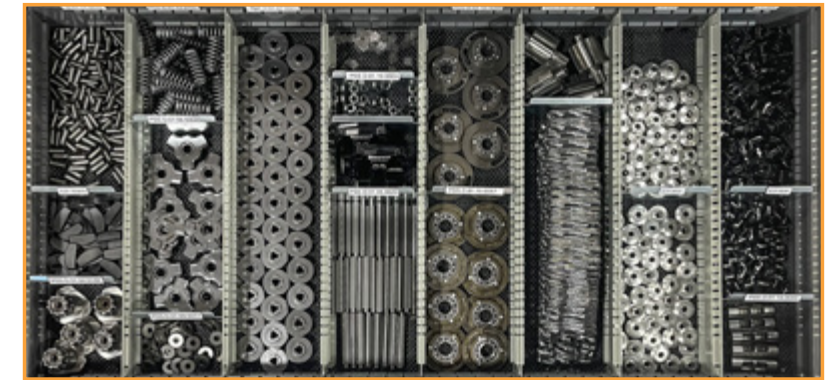
SERVICE KITS/ SPARE PARTS

As an authorized Paoli service center, we stock all the necessary replacement parts, including clutch plates and springs, cams, rollers, motor plate housings, rotors, flywheels and complete wheel gun bodies to name a few. Along with hardware, we also carry the correct grease and oil to service your equipment to keep it in top running condition.



We carry replacement parts for the following Paoli Wheel Guns:

- Hurricane 2.0
- Hurricane
- Supersport
- DP 6000
- DP 6000 Bias
- DP 5000
- DP 5000 Bias
- DP 4000
- DP 4000 MG
- DP 2000
- DP 177 SFE
- Red Devil 2.0
- Black Bird



CUSTOM SOLUTIONS

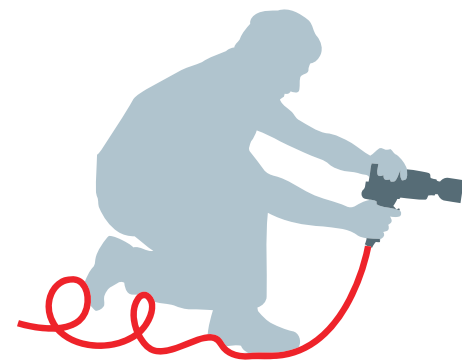
Stay organized with a customized spare parts kit.



AIR SUPPLY

PAOLI SWIVELS

Detangle your air lines with Paoli's turning air hose connectors. No more tripping over hose loops or pulling slack free from under tires. These quality fittings keep your hoses down and your gun where it needs to be—in the action.



WITHOUT TURNING CONNECTOR



WITH TURNING CONNECTOR



	Straight Swivel	
CONNECTION	3/8" BSP	1/2" BSP
PART #	PAO.B.43.0003	PAO.B.43.0011



	Double Turning Connector	
CONNECTION	3/8" BSP	1/2" BSP
PART #	PAO.B.43.0002	PAO.B.43.0041



	Turning Connector			
CONNECTION	3/8" BSP	1/2" BSP	3/8" NPT	M16 x 1/2" FPT
PART #	PAO.B.43.0001	PAO.B.43.0007	PAO.B.43.0005	PAO.B.43.0053

*Custom threads available



AIR FITTINGS

Your air supply is only as good as the components that deliver it. Get your power from point A to point B without sacrificing performance.



*Reference images not to scale, final appearance and size may vary

Ref. Photo	Description	Nipple ID	Max Pressure	Part #
1	3/8" MPT HD Plug	3/8" / 9.5mm	350 psi	URP.AF.1001
2	3/8" FPT Plug	3/8" / 9.5mm	350 psi	URP.AF.1002
1	1/4" MPT Plug	3/8" / 9.5mm	360 psi	URP.AF.1003
2	1/4" FPT Plug	3/8" / 9.5mm	360 psi	URP.AF.1004
1	1/2" MPT Plug	3/8" / 9.5mm	360 psi	URP.AF.1005
2	1/2" FPT Plug	3/8" / 9.5mm	360 psi	URP.AF.1006
1	G3/8 Male Threaded Plug	3/8" / 9.5mm	360 psi	URP.AF.1007
2	G3/8 Female Threaded Plug	3/8" / 9.5mm	360 psi	URP.AF.1008
3	3/8" MPT Nickel Swing Coupler- 30bar	3/8" / 9.5mm	420 psi	URP.AF.1101
5	3/8" FPT Nickel Swing Coupler- 30bar	3/8" / 9.5mm	420 psi	URP.AF.1102
4	3/8" MPT Swing Coupler	3/8" / 9.5mm	360 psi	URP.AF.1103
5	3/8" FPT Swing Coupler	3/8" / 9.5mm	360 psi	URP.AF.1104
4	1/2" MPT Swing Coupler	3/8" / 9.5mm	360 psi	URP.AF.1105
6	3/8" MPT EZ-Mate Socket	3/8" / 9.5mm	300 psi	URP.AF.1107
7	3/8" FPT EZ-Mate Socket	3/8" / 9.5mm	300 psi	URP.AF.1108
5	Nickel, Swivel G3/8 Female SC	3/8" / 9.5mm	360 psi	URP.AF.1110
3	Nickel, Non-Swivel G3/8 Female SC	3/8" / 9.5mm	360 psi	URP.AF.1111
8	1/2" Female BSP Plug-DN11	1/2" / 11mm	360 psi	URP.AF.2001
8	1/2" Female BSP Plug-DN11 Steel	1/2" / 11mm	360 psi	URP.AF.2002
8	3/8" Female NPT x 1/2" Plug H1F	1/2" / 11mm	360 psi	URP.AF.2003
-	1/2" MPT Plug	1/2" / 11mm	360 psi	URP.AF.2004
9	1/2" Female BSP Swing Coupler - DN11 SS	1/2" / 11mm	360 psi	URP.AF.2101
9	1/2" Female NPT Swing Coupler - DN11 Steel	1/2" / 11mm	360 psi	URP.AF.2102
9	1/2" Female BSP Swing Coupler - DN11 Steel	1/2" / 11mm	360 psi	URP.AF.2103
10	1/2" BSP Plug Hi-Flow	11.2mm	1,000+ psi	URP.AF.3001
10	1/2" BSP Hi-Flow (Valved) Plug	11.2mm	1,000+ psi	URP.AF.3002
10	1/2" FPT Hi-Flow Plug	11.2mm	1,000+ psi	URP.AF.3003
11	1/2" BSP Socket Hi-Flow (no-valve)	11.2mm	1,000+ psi	URP.AF.3101
12	1/2" BSP Socket Hi-Flow (valved)	11.2mm	1,000+ psi	URP.AF.3102
-	Hi-Flow Cap for Plug	N/A	N/A	URP.AF.3301
-	Hi-Flow Cap for Socket	N/A	N/A	URP.AF.3302
8	1/2" FPT Plug	1/2" / 11mm	300 psi	URP.AF.4001
7	EZ Mate 1/2" FPT	1/2" / 11mm	300 psi	URP.AF.4101
6	EZ Mate 1/2" MPT	1/2" / 11mm	300 psi	URP.AF.4102
13	3/8" BSP Male Plug	7.6mm	232 psi	PRD.B.42.0111
14	3/8" BSP Female Plug	7.6mm	232 psi	PRD.B.42.0108
15	3/8" BSP Female Swing Coupler	7.6mm	232 psi	PRD.B.42.0109
16	CEJN 410 Plug 3/8" BSPT	10.4mm	232 psi	PAO.B.42.0013
16	CEJN 410 Plug 1/2" BSPT	10.4mm	232 psi	PAO.B.42.0037
17	CJEN 410 Socket 1/2" BSPT	10.4mm	232 psi	PAO.B.42.0054
17	CJEN 410 Socket 3/8" BSPT	10.4mm	232 psi	PAO.B.42.0056
17	CEJN 410 Socket 3/8" MPT	10.4mm	232 psi	PAO.B.42.0083
16	CEJN 410 Plug 3/8" MPT	10.4mm	232 psi	PAO.B.42.0084

PAOLI AIR HOSES

With more than 10,000-feet of hose and 500 fittings in stock, we can custom build any hose configuration to fit your team's needs. We stock hose ends in NPT, BSP, Metric and AN threads. We also have a large selection of hoses on the shelf ready to ship in lengths of 25', 35', 40' & 50'. All hoses are pressure tested and can be supplied assembled with air fittings.

3/8" Hoses - Max 50 bar/700 psi

PART NUMBER	PAO.H.350.25	PAO.H.350.30	PAO.H.350.35	PAO.H.350.35M	PAO.H.350.40	PAO.H.350.45	PAO.H.350.50
HOSE ID	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"	3/8"
LENGTH	25'	30'	35'	35'	40'	45'	50'
HOSE END "A"	3/8" FPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT	3/8" FPT
HOSE END "B"	3/8" FPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT	3/8" FPT

1/2" Hoses - Max 75 bar/1000 psi

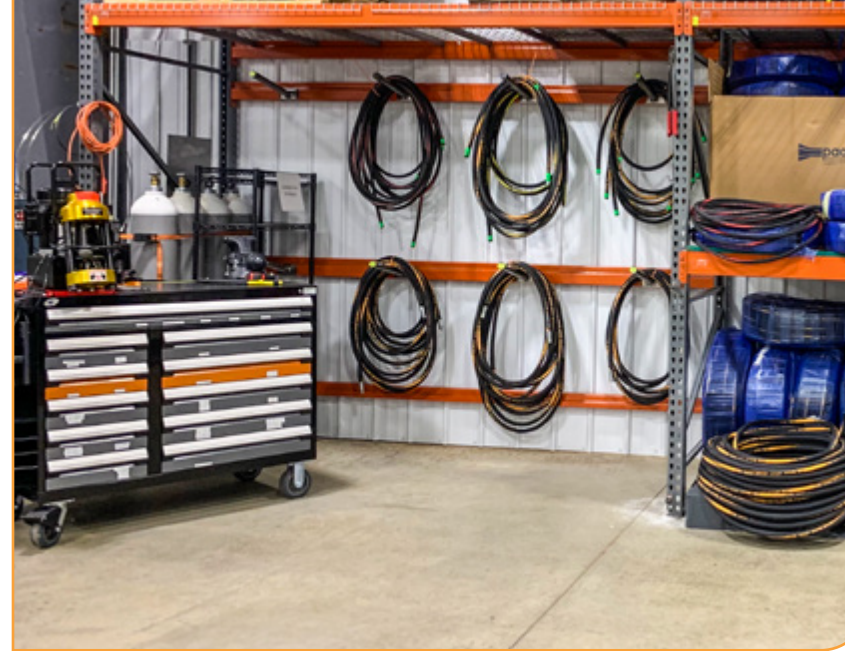
PART NUMBER	PAO.H.375.10	PAO.H.375.15	PAO.H.375.20	PAO.H.375.25	PAO.H.375.25M	PAO.H.375.30	PAO.H.375.35
HOSE ID	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
LENGTH	10'	15'	20'	25'	25'	30'	35'
HOSE END "A"	3/8" FPT	3/8" FPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT
HOSE END "B"	3/8" FPT	3/8" FPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT

1/2" Hoses (cont.) - Max 75 bar/1000 psi

PART NUMBER	PAO.H.375.35M	PAO.H.375.40	PAO.H.375.40M	PAO.H.375.45	PAO.H.375.50	PAO.H.375.50M	PAO.H.375.60
HOSE ID	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
LENGTH	35'	40'	40'	45'	50'	50'	60'
HOSE END "A"	3/8" MPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT
HOSE END "B"	3/8" MPT	3/8" FPT	3/8" MPT	3/8" FPT	3/8" FPT	3/8" MPT	3/8" FPT

1/2" Hoses (cont.) - Max 75 bar/1000 psi

PART NUMBER	PAO.H.475.25	PAO.H.475.30	PAO.H.475.35	PAO.H.475.35M	PAO.H.475.40	PAO.H.475.45	PAO.H.475.50
HOSE ID	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"	1/2"
LENGTH	25'	30'	35'	35'	40'	45'	50'
HOSE END "A"	1/2" FPT	1/2" FPT	1/2" FPT	1/2" MPT	1/2" FPT	1/2" FPT	1/2" FPT
HOSE END "B"	1/2" FPT	1/2" FPT	1/2" FPT	1/2" MPT	1/2" FPT	1/2" FPT	1/2" FPT

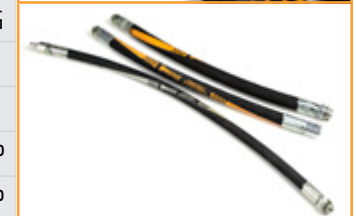
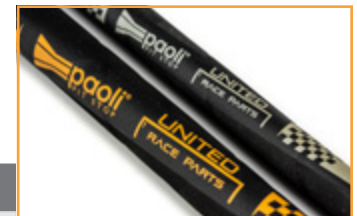


Tips/Info:

- Typical hose configuration is 3/8" BSP into a Paoli wheel gun with a short whip hose to an air fitting plug
- Straight swivels are recommended on guns that are set down or dragged to the wall
- Turning connectors are useful for when the gun is used to change more than one tire
- 1/2" stocked with orange stripe (can be ordered on demand with yellow stripe, plain black or reflective for night)
- 3/8" hose stocked with grey stripe
- Can be custom ordered with your logo (minimum quantity required)

Whip Hoses

PART NUMBER	PAO.H.0001	PAO.H.0001M	PAO.H.0002	PAO.H.002M	PRD.H.WHIP.G
HOSE ID	1/2"	1/2"	1/2"	1/2"	3/8"
LENGTH	18"	18"	18"	18"	24"
HOSE END "A"	Male 3/8" BSP	Male 3/8" BSP	Male 3/8" BSP	Male 3/8" BSP	Male 3/8" BSP
HOSE END "B"	3/8" FPT	3/8" MPT	1/2" FPT	1/2" MPT	Male 3/8" BSP





REGULATORS



	67 High Flow	623 High Flow	622 High Flow
INLET PRESSURE	3,000 psi	4,500 psi	4,500 psi
MAX FLOW	11,000 SCFH	10,000 SCFH	5,200 SCFH
GAUGES IN	0-4,000 psi	0-5,000 psi	0-5,000 psi
GAUGES OUT	0-1,000 psi	0-1,000 psi	0-1,000 psi
THREAD IN	1/2" FPT	1/2" FPT	1/2" FPT
THREAD OUT	1/2" FPT	1/2" FPT	1/2" FPT
FLOW	Ultra High	Ultra High	Ultra High
PART #	URP.R.0004	URP.R.0001	URP.R.0002



	F2	F4	F50
INLET PRESSURE	3,200 psi	3,200 psi	4,400 psi
MAX FLOW	150 Nm3/H	400 Nm3/H	~400 Nm3/h
GAUGES IN	0-6,500 psi	0-6,500 psi	0-6,500 psi
GAUGES OUT	0-870 psi	0-870 psi	0-1,400 psi
PRV SETTING	50 Bar	50 Bar	55 Bar
THREAD IN	1/4" BSP	1/4" BSP	1/4" BSP
THREAD OUT	3/8" BSP	3/8" BSP	1/2" BSP
FLOW	Medium	High	High
PART #	PAO.B.40.0035	PAO.B.40.0030	PRD.B.40.0081



	High Pressure Oiler
MAX OPERATING PRESSURE	50 Bar
EFFECTIVE BOWL VOLUME	200 cm3
SIZE	1/2" BSP
MOUNTING POSITION	Vertical
BOWL MATERIAL	AISI 316
PART #	PAO.B.45.0004



AIR BOTTLES & TROLLEYS



Air Bottle Cover	18-Liter Air Bottle	Greaves Single Bottle Trolley
<ul style="list-style-type: none"> Fits 18-liter air bottles Polyester material 	<ul style="list-style-type: none"> Max psi: 3,364 Connection: Double Connection Type: DIN 	<ul style="list-style-type: none"> Kits include regulators and all fittings/connections
B.22.05.0000	URP.BT.Bottle18	1833-07-00-0755



Double Bottle Trolley Kit	Single Bottle Trolley Kit	Greaves Double Bottle Trolley
<ul style="list-style-type: none"> Double air bottle trolley (2) 18-liter air bottles (1) F4 regulator All fittings and connections needed 	<ul style="list-style-type: none"> Single air bottle trolley (1) 18-liter air bottle (1) F4 regulator All fittings and connections needed 	<ul style="list-style-type: none"> Kits include regulators and all fittings/connections
C.01.0027	C.01.0026	1834-07-00-0770

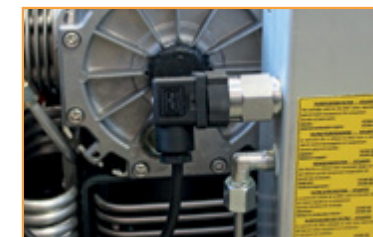
*Air bottles sold separately.

COMPRESSORS

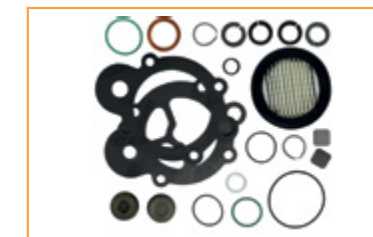


DPH220	DPH380
<ul style="list-style-type: none"> Motor: Single-phase electric 3.0HP Operating pressure: 4,350 psi Filling Time: 20 Minutes Noise Level: 79 dB 	<ul style="list-style-type: none"> Three phase electric 7.5HP Operating Pressure: 4,530 psi Filling time: 6 Minutes, 44 Seconds Noise Level: 78 dB
B.21.0102	B.21.0101

COMPRESSOR ACCESSORIES



Pressure Switch



Service Kits



Custom Flight Cases



Compressor Hour



Trolley Wheels

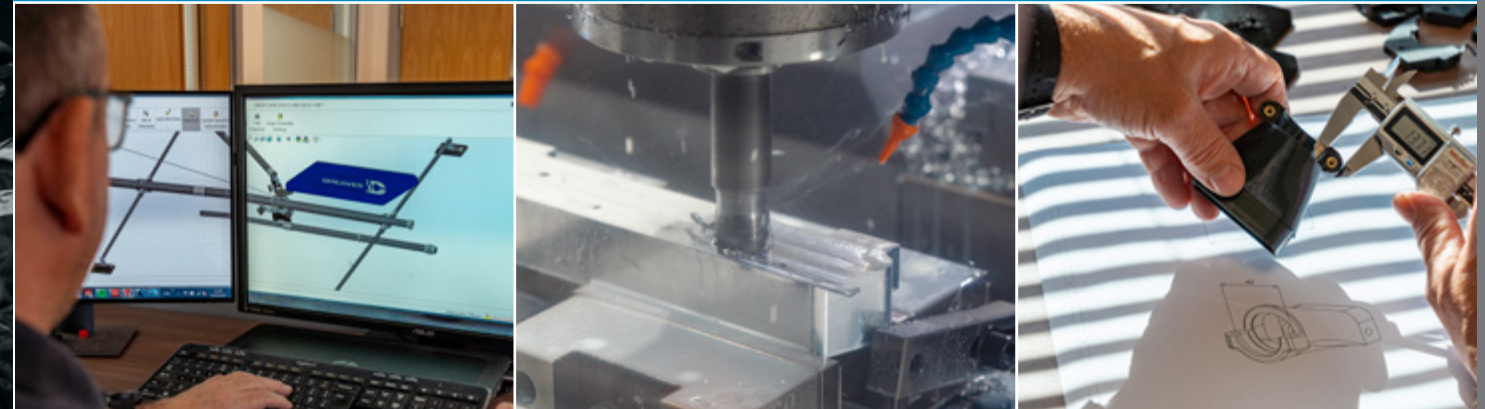


Compressor Lubricants

GREAVES 3D



Greaves 3D designs, manufactures, and supplies leading pit lane equipment. With over 25 years of elite level motorsport experience, their products are expertly engineered and fully customizable so they can meet any requirement. Greaves products have helped to win championships, ensure the optimum setup, and help teams stand out from the rest.



Born in 2011 from the needs of their sister company and racing team, Greaves Motorsport, Greaves 3D Engineering started designing and manufacturing their own pit equipment when they couldn't find items that met their requirements.

Using their expertise and knowledge from racing, they quickly developed a line of over 100 customizable pitlane products.

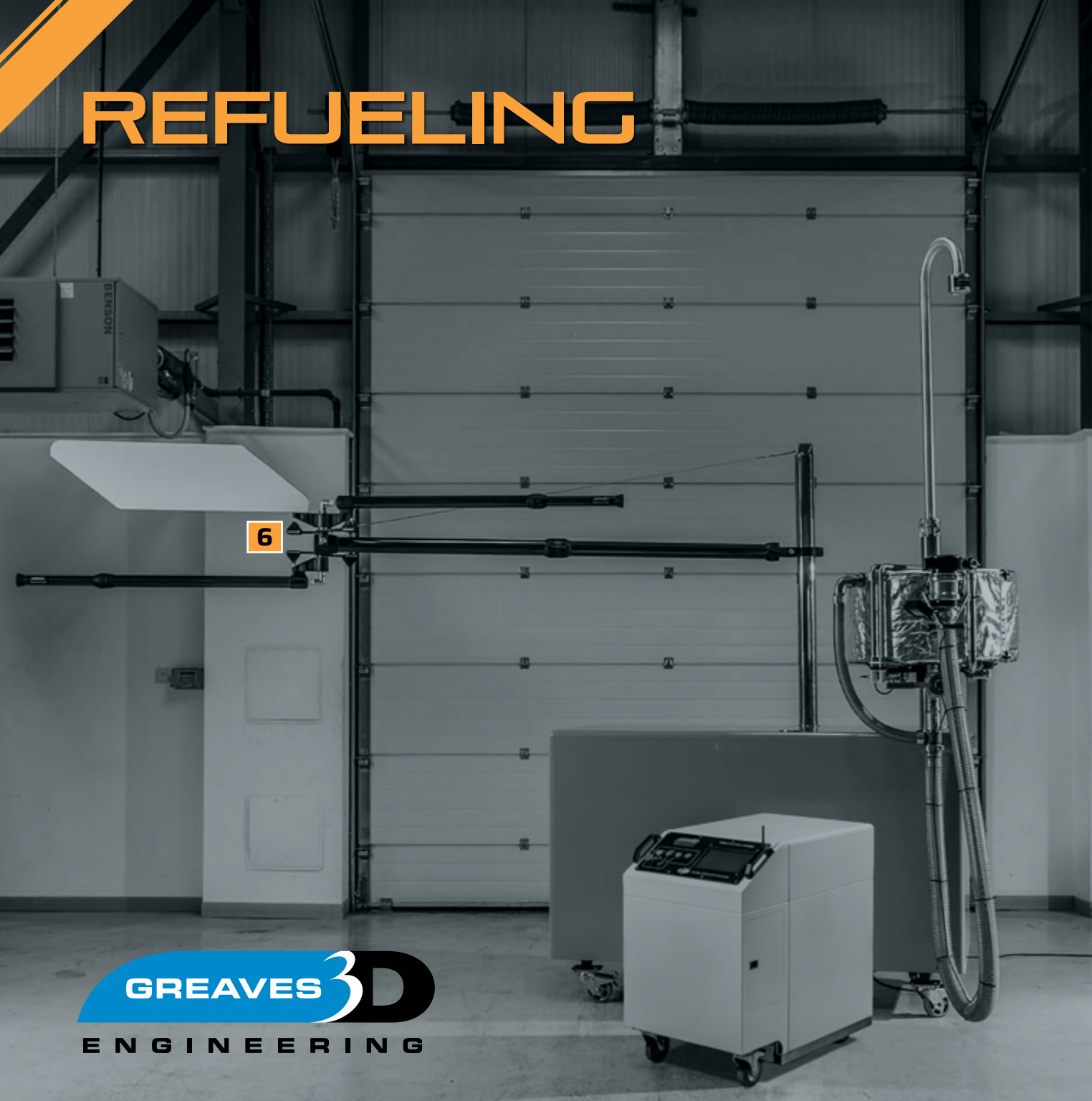
With a well-equipped fabrication suite they offer a wide range of manufacturing options to build pit equipment to the highest specification, and are constantly working to further their engineering capabilities.



REFUELING

FUEL RIG

1. Aluminum autonomous fuel tank - fully adjustable fuel tank height
2. Professional fuel weighing system (*Available separately, see pg. 42*)
3. (4) 50L air bottle storage
4. Optional high flow air system kit
5. Secure storage inside rig for carbon boom, fuel tank, wheel gun, etc.
6. Fully adjustable 360° rotary boom (*See page 44 & 45*)
7. Optional LED lighting system (*See page 44 & 45*)
8. Integrated wheel gun and air lance holders



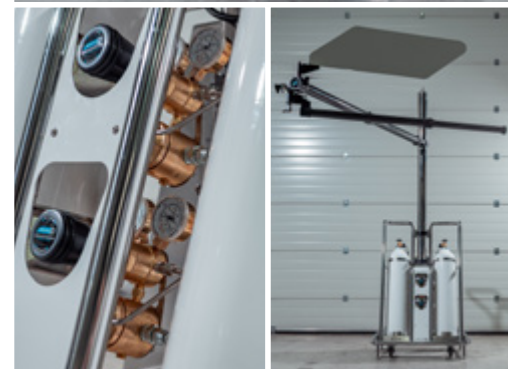
INDYCAR FUEL RIG

- Complete with tank and outlet fittings
- Adjustable tank mount
- Fuel hose support arm
- Rig leveling system
- Chassis mounted air bottle tray
- Complete high flow air system
- Fuel temperature measurement kit
- Load cell measurement system & software



SPRINT RIG

- 2-cylinder rig with options for 50- and 30-liter bottles
- 4" standard boom mounting kit
- Stainless steel frame with casters for travel
- Leveling feet for easy set-up on pit lane
- (2) wheel gun holders
- Water tank for additional weight during use
- Additional options:
 - Central air recharge system
 - Super high flow regulators
 - Hard shell case for travel



- Aluminum shell
- 200-liter capacity
- 30-liter minimum bi-directional pump with automatic full tank pump shut off
- ATEX-approved components
- Mass and temperature display, with speed controller
- AN 12 fuel lines - suitable for E20 and high-octane fuels (optional dry break fittings)
- Storage compartment for fuel lines and charging cable
- Integrated battery charger, emergency stop
- Anti-static braked castors
- 10" touch screen
- Wi-Fi connectivity
- Works with Greaves Fuel Timing System
- User configurable units of measure



ADVANCED PITLANE MANAGEMENT SYSTEM



Device Highlights

- Live real-time data visuals
- Transaction recording w/telemetry
- Wireless network integration
- API support for custom integration
- Cloud synchronization and storage
- Part of a modular product suite

The RigFlow is specifically designed for accurately measuring dispensed fuel during a pit stop. The technology allows both teams and governing bodies to independently assess exactly how much fuel has been dispensed from the 200L FIA® pit tank.

The hardware connects to the secondary port on the RigFlow and can be used in conjunction with the IMSA connection.

With EASI web-based software, you receive real-time visuals on fuel flow, full transaction recording, along with complete telemetry. Showing instantaneous fuel flow and cumulative flow over time.

The hardware provides a network connection, allowing these visuals to be presented on any device though it's browser. (Phones, Tablets, PCs, or Macs)

Various accessories and sensors are available for the APMS Server to allow the expansion in to a full pitlane management system. These include external displays, weight scales, fuel pickup sensors, deadman valve positioning sensors and fuel-on sensors.

The APMS provides engineers with additional functionality to talk to the pit crew for fuel request amounts, pick-up to put-down telemetry, as well as information on the fuel in the fuel-rig tank.

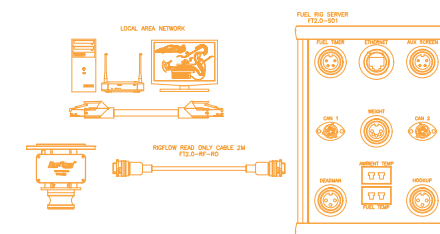


Each tier in our setup extends on the previous tier - this gives additional functionality, higher level of control and greater accuracy.

APMS Basic

The basic APMS system provides you with the main server box, providing basic connections to your network and the RigFlow device.

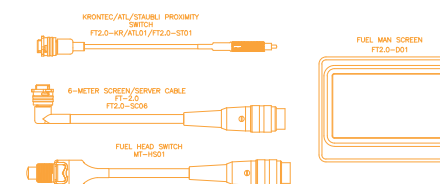
Giving you access to real-time data via a web browser.



APMS Standard

Standard tier includes a touch display, a pick-up sensor, and a nozzle to car proximity sensor.

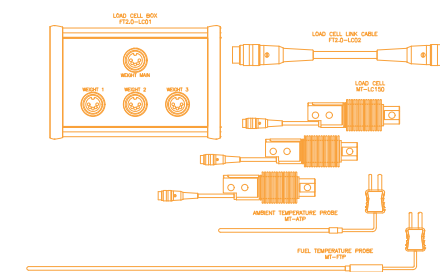
This setup extends the functionality to allow fuel requests to be sent to the touch display from the EASI interface. Transactions are also recorded for complete history and telemetry access.



APMS Standard w/ Loadcells

Loadcells and temperature sensors allow for real-time information pertaining to the condition of your autonomous fuel tank.

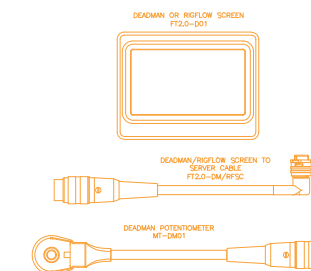
Allowing you to see the weight and volume of fuel available from a fuel density lookup table.



APMS Complete

Complete your fuel-rig setup with a display for the Deadman, this is in addition to the fuel timer display.

Independent timings are sent to this display and allow for fuel control where virtual time is required.



FUEL TIMING SYSTEM 2.0

- 1** • New aluminium enclosures
- 2** • Larger screen with higher resolution, improved touch screen and toughened glass
- 3** • Updated user interface and EASI software
 - New method for screen to server connection with RS232 protection
 - Control multiple devices from on one laptop, mac, or mobile device
 - Optional second screen for deadman timing
 - Live transaction information can be seen on any device with a browser via IP address
 - API connectivity which can be used to send/receive information from other software
 - Cloud backups
 - Can be fitted to ANY fuel rig, not just a Greaves rig
 - Load cell junction box, meaning the server can be fitting inside the rig, keeping the underside of the tank cleaner
 - CAN input for flow sensor or other



FUELING ACCESSORIES



DRUM ADAPTER

Used to transfer fuel between the bowser and fuel drum.



VENT CAN

Drains vent hose of fuel probes after a pit stop.



CAMLOCKS

High-quality stainless camlocks bespoke for racing performance needs.



RESTRICTORS

Custom sizes to meet your timing needs.

GREAVES 3D CARBON BOOMS

SINGLE SWIVEL



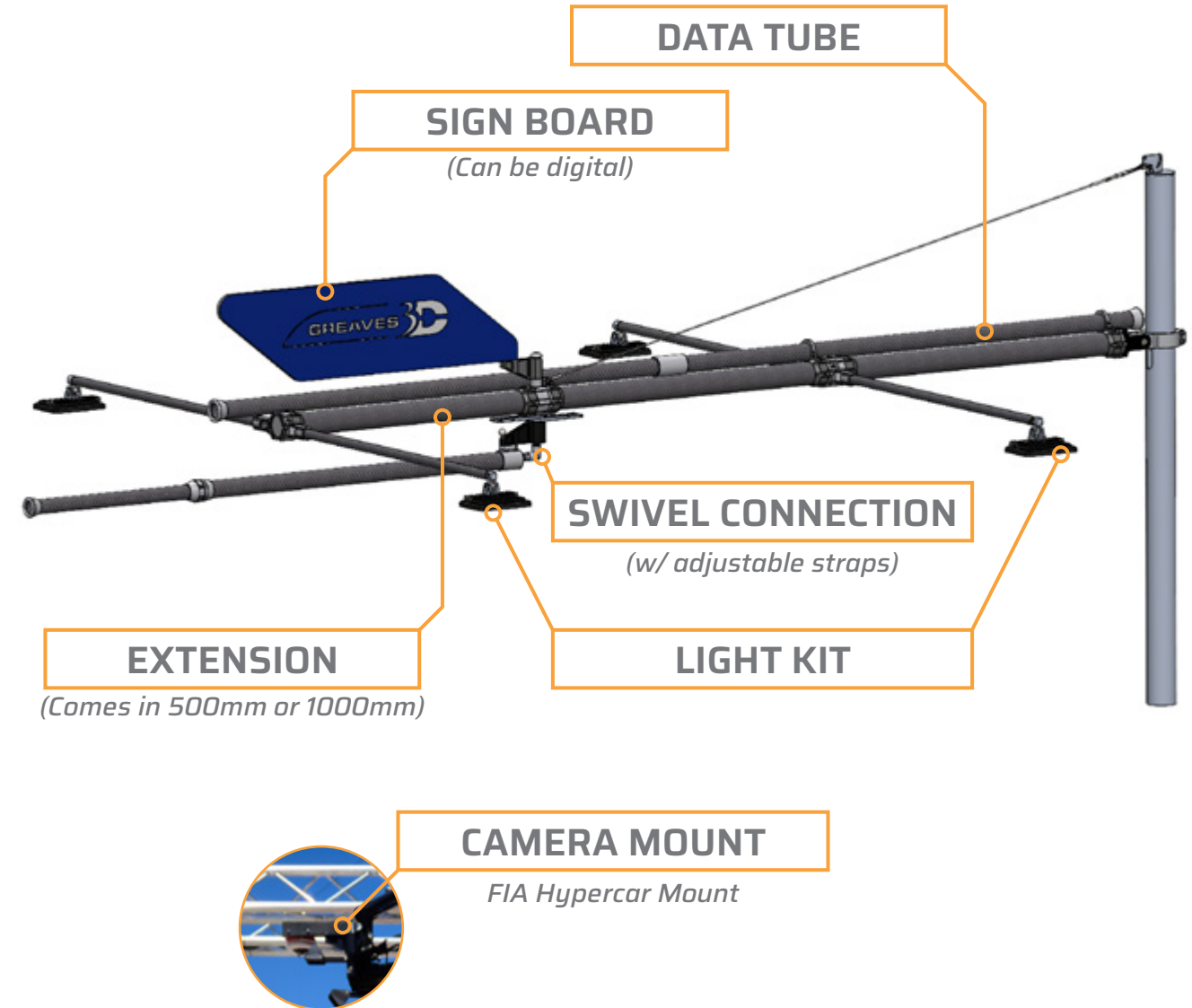
- 360° boom with multiple stops
- Adjustable boom length
- Integrated sign mount with adjustable positioning
- Soft case for travel
- Adjustable stops
- Optional LED light system

DOUBLE SWIVEL



- Two independently adjustable booms
- Lower boom offers 360° rotation
- Top boom offers 320° rotation
- Adjustable stops
- Integrated sign mount
- Adjustable positioning
- Soft case for travel
- Optional LED light system

BOOM ACCESSORIES



PIT BOX & TIMING STAND

3D ALL IN ONE PIT CART



Multi-level winged pit cart with built in stairwell and fuel rig.

Stand Options:

- 6-12 Upper level work stations with 2 screens each
- 6 Lower level seats with 2 monitors each
- All 15 seats with network, power, intercom and video access
- Integrated fuel rig and boom
- Tool box storage
- Integrated canopy



3-TIER TIMING STAND



3-Tier Features:

- Same advanced electronics management as Engineering Stations
- Fully integrated intercoms
- Built-in leveling
- Tools and storage compartments
- Server integration
- 100% customizable to fit your needs

360 TIMING STAND



Available with or without roof system



Cable management system



Drawers and shelves for storage



Flight case for transport

Single-Tier Features:

- 19" racking in all three bays
- (14) 27" screens
- Variety of drawer and shelf locations for storage
- Adjustable upper monitor angle
- Folding monitors for easy pack-up and storage
- Cable management with multiple connections at each work station
- Power, USB, HDMI & network in the drawer
- Integrated cooling fans
- Additional storage in end panels
- Automatic leveling system
- Roof system with side curtains
- Full power, network and TV wiring including tuners
- (8) seats with mounting system
- 360° deck with leveling feet

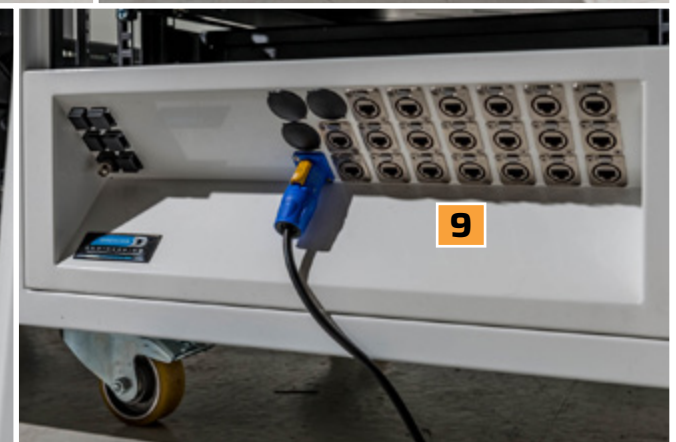
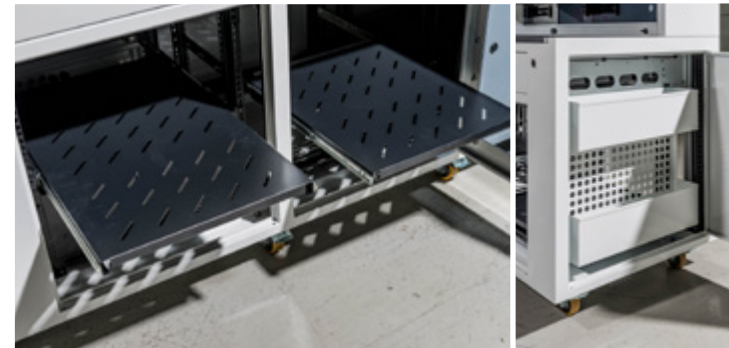
ENGINEERING STATIONS

- Available in single, double, triple and quad seat
- 19" racking in all 3 and 4 bays
 - This is the home for servers, intercoms, radio repeaters, camera systems and power supplies
- 27" screens
- Variety of drawer and shelf locations for storage
- Slide-out or folding desktop
- Adjustable monitor angle
- Folding monitors for easy pack-up and storage
- Flight case for transport
- Cable management with multiple connections at each work station
- Power, USB, HDMI & RJ45 per seat
- Integrated cooling fans
- Additional storage in end panels
- Can be made into single-seat configuration
- Single and double seat have 14" zen screen



ENGINEERING STATION FEATURES

1. 27" Dell monitors
2. Multi-screen capabilities
3. Integrated intercoms
4. Integrated server racking
5. Laptop storage
6. Built-in cooling fans
7. Cable management system
8. Minimal set-up time
9. Easy external connection panel





TIRE SCRAPER & STATION



TIRE SCRAPER

- Ergonomically designed, molded handle
- 2000W output - 100° to 600° degree temperature range
- Variable temperature and fan speed
- Increase used tire performance and efficiency of track time
- Scrape and pick debris with ease leaving a smooth undamaged surface
- Adjustable roller and blade to fit the contour of the tire

TIRE SCRAPER STATION

- Improves speed and efficiency of tire cleaning
- Tire scraper holder
- Pedal brake
- Improved ergonomics
- A must have for tire scraper users

TIRE EQUIPMENT



TIRE EQUIPMENT



Tire Trolley

- Various positions to allow transport of rims and tires
- Vertical trolley to be used with tire ovens
- Horizontal trolley can be towed with optional hitch upgrade
- Custom lengths and poles
- Optional company logo added

Carbon Trolley/Grid Trolley

- Removable storage box with shelf
- Tool-free assembly
- Adjustable laptop stand
- Cool-box mount
- Removable aluminum tool tray

Wheel Bath

- Aluminum framework
- Stainless steel bath
- Designed for multiple tire and rim sizes
- Flight case for transport
- Easy clean surface
- Enclosed storage cupboard
- Wheel rollers
- Integrated hose reel

Tire Ovens

- Vertical tire oven that allows for easy roll in and out of trolley
- Hot air is fed up through center to make sure heat is disbursed through the rim and tire evenly
- Temperature management
- Folding trolley
- Stainless steel framework
- Folds flat for transport
- Direct/indirect space heaters available





STANDS/LIFTS

A-FRAMES & STANDS



Chassis High Stands

- Customizable chassis locations available
- Cross-braced for superior strength
- Secondary safety lockout
- Optional flat top attachment
- Custom options: Team logo



A-Frames

- Fully customizable and works with the pneumatic high lifts
- Interchangeable aluminum hub
- Polished stainless steel and seamless welds
- Custom Options: Team logo & carbon inserts



Chassis Low Stands

- Fully customizable chassis low stands
- Retractable handle for safe placement of stands
- Rubber pad to keep stands firmly in place



Chassis Skates

- Fully billet machined and customized to your vehicle specification
- Three heavy-duty polyurethane casters per skate
- Handle for ease of alignment with air jack on the car



PNEUMATIC HIGH LIFTERS

Pneumatic High Lifter

- Heavy-duty billet machined base and hardened support shafts
- Flat pack for storage and transportation
- Easy swap lift arms
- Flight case available
- Custom options available: team logo and carbon shrouds



Custom Lift Adapters

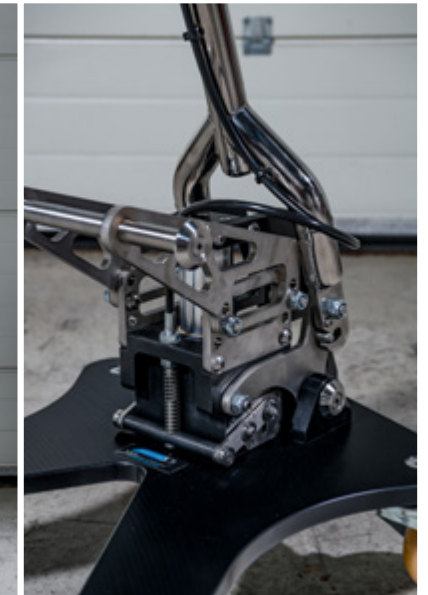
- Wide variety of lifting adapters available for lifting on the splitter, lifting frames, and more
- We can offer everything from flat profiles to bespoke wing profile splash adapters
- Universal for front and rear with removable splash adapter



QUICK JACKS & LMP3 JACK

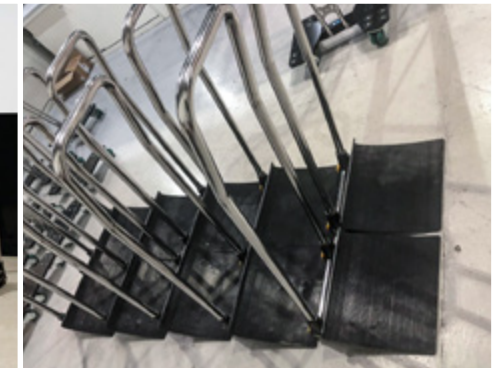
Quick Lift Jack LMP3

- Custom billet quick-lift jack with stainless steel lift mechanism
- Spring loaded for speed
- Four heavy-duty polyurethane casters
- Integral bearing quick release
- Adjustable height



Quick Jack

- Fully customizable front and rear quick jacks
- Stainless steel and aluminum construction
- Removable wheels for flat packing and storage



BODY WORK STANDS

1 Tilting Nose Cart

- Stores nose in vertical or multiple positions to horizontal for easy work heights

2 Low Nose Cart

- Dolly stores nose in vertical position

3 Tail Cart

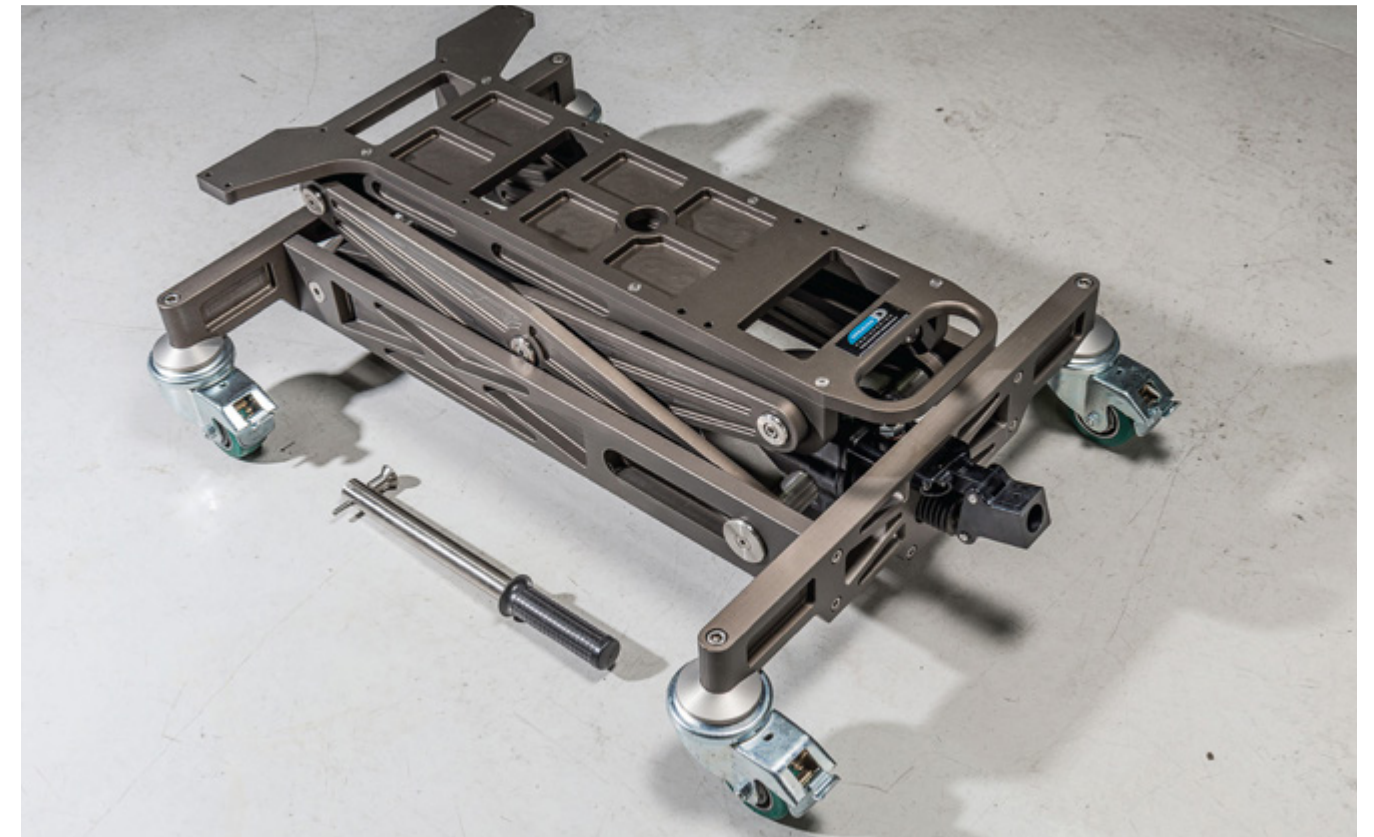
Features:

- Designed for secure storage in mind for your bodywork
- Customizable to work with all chassis
- Rear and front bodywork stands
- Lightweight and adjustable for easy travel
- Quick-release pins



GEAR BOX TROLLEY

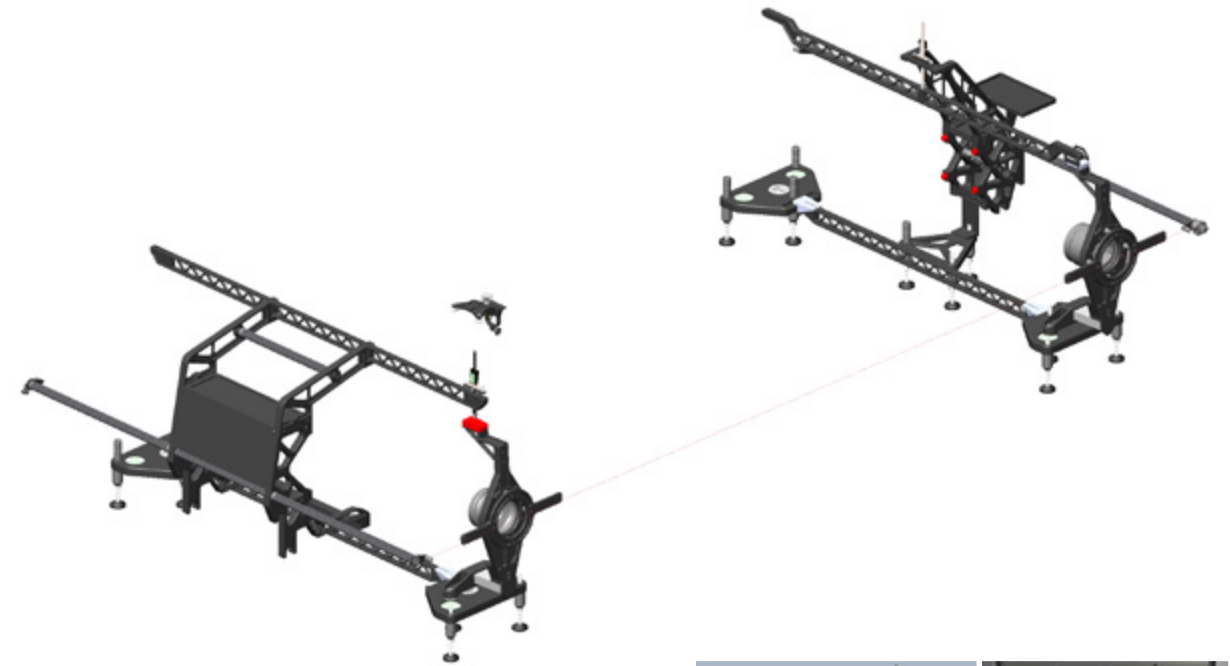
- Aluminum construction
- Fully adjustable height
- Quick-release handle
- 4-off swivel braked castors
- Custom mounting and support brackets
- Lightweight and compact design



SET UP EQUIPMENT

SET UP WHEELS

- Customizable to your car
- Integrated load cells and tracking systems
- Load cell and ball transfer that allows tire placement to be correct on the contact square
- Front lifters and set up frames
- Front tracking bars that are mounted on frame and can go flat for packaging

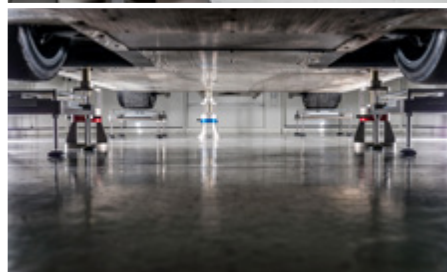


Custom Options Available

- Carbon inlay and color coding
- Zimmer frames with tool tray
- Custom ride-height beams with magnetic machined pockets for Mitutoyo depth gauges
- Custom flight cases available



SET UP EQUIPMENT



Double Stack Air Jack Stands

- Custom machined billet to fit any chassis
- Interlocking safety stand with large footprint
- Anodized and color coded

Flat Pads/Patch

- Aluminum construction
- Location for weighing scales
- Machined aluminum corners
- Adjustable for various surfaces

Camber Gauges

- Billet aluminum construction
- For use with Mitutoyo digital protractor
- Adjustable for various wheel sizes



Chassis Mounted Set Up Bars

- Aluminum and stainless steel construction
- Compensation for ride height
- Tracking string spool
- The front and rear bar align with the axle centerline. Compensation for ride height adjustment integrated into the design. Self-contained tracking string with the capability to tighten and lock the string.
- Minimal bodywork removal required
- Custom designs available

Wheel Mounted Tracking Bars

- No tooling required to fit the tracking system. Interchangeable adaptors for different chassis.
- Rulers mounted on tracking bars
 - Aluminum construction
 - Compensation for track width
 - Push fit onto the stub axle/wheel center
 - No bodywork required to be removed to check toe
 - Toe in and out engraved on bars for ease of use

GT Car Packages

- Tracking bars
- Flat patch
- Chassis mounted tracking bars
- Camber gauge
- Airjack stands
- Custom packages available

QUENTOR



Quentor

A CASE OF EXCELLENCE

Quentor specializes in the design and manufacture of custom built flight cases, motorsport freight solutions, trackside equipment as well as a comprehensive range of seamless mobile banner panel walling systems.

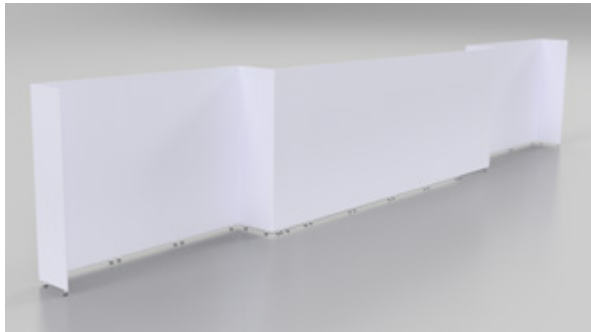


Quentor is committed to understanding the freight and storage challenges faced by their customers and continually push for innovation and development of new products and services. This approach has led to the development of a widely acclaimed range of Quentor products offering clever, stylish, high quality, durable and weight-efficient solutions.

Their reputation for quality, design innovation and service has led Quentor to supply the world's leading motorsport teams and many other respected customers within elite business sectors such as Defense and Aerospace.



FAST TRACK SEAMLESS WALLING



Quentor designs and manufactures a comprehensive range of modular seamless walling systems to dress your motorsport garages, hospitality areas and high-profile factory zones.

Quentor can offer custom walling solutions to suit differing levels of complexity and budget. There are two profiles to choose from: Fast Track Premium and Fast Track Q.

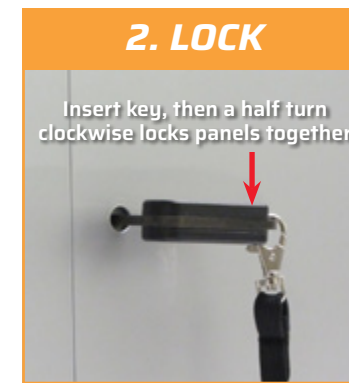


	FAST TRACK PREMIUM	FAST TRACK Q
DESCRIPTION	Top end seamless panel system offering the ultimate in quality and durability	A very popular mobile walling solution for a lower budget
High grade, lightweight aluminum honeycomb	✓	✓
Custom designed modular layouts	✓	✓
Easy assembly	✓	✓
Flight case included	✓	✓
Finish	Custom color	Ready/Factory finished close match to RAL 9016 semi-gloss

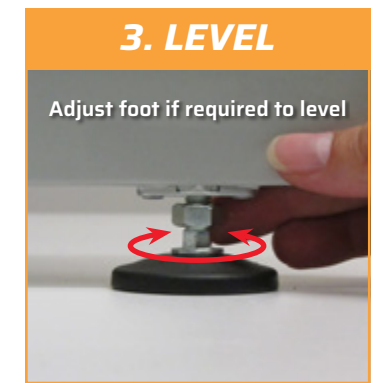
HOW IT WORKS



The panels are easily joined together using the male/female extruded edges.



They are then locked into position with Quentor's unique key operated cam locking system, creating a seamless surface.



By adjusting the foot on the bottom of the panels, they are leveled to each other.

STORAGE & TRANSPORT

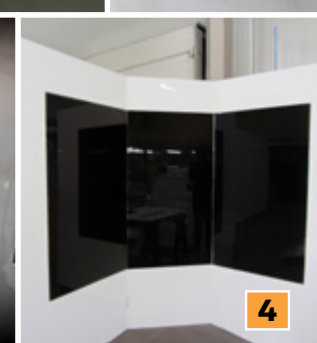
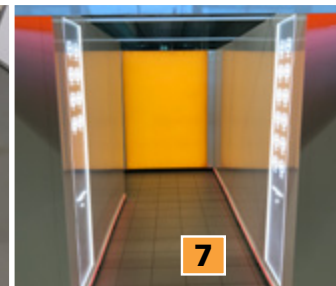
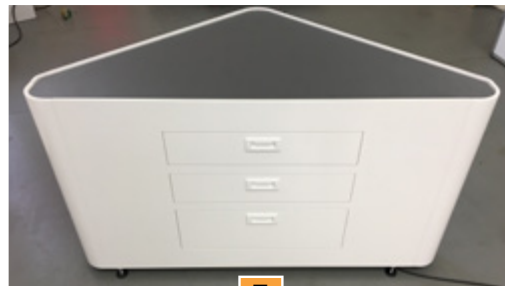
- All walling components stored in single case
- Component locations labeled and have dedicated spots
- Heavy duty casters allow easy movement on solid surfaces
- Flight cases can also be designed to hold and store additional components



FAST TRACK WALLING OPTIONS

Quentor Fast Track walling systems can be custom designed to include a host of imaginative features:

- 1 Illuminated light sheet panels
- 2 Non-illuminated silicone edge graphics
- 3 Doors and entryways
- 4 Integrated displays
- 5 Alcoves, cases and tables
- 6 Logo displays
- 7 LED accent lighting
- 8 Wall surface textures



TOOL BOXES



- Stylish, rugged and practical solutions for tool storage and freight
- Choice of angled profiles or softer rounded GRP mouldings
- Choose electrics, vice plates, cupboards, pneumatics and tow bar options
- Custom designed using lightweight aluminum honeycomb
- Foam routed inserts and bespoke drawer configurations available
- Range of paint finish colors and designs to choose from



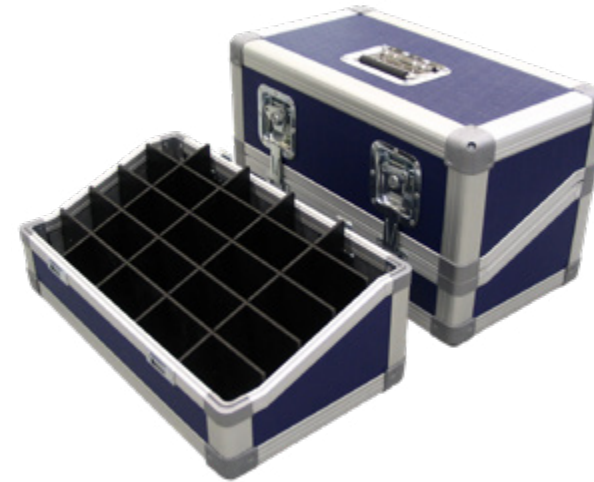
FLIGHT CASES



- Custom flight case configurations to meet your exact requirements
- Choice of panel materials and finishes to suit different budgets
- Many different shapes and configurations available in any size
- Designed with care and consideration for your unique specification
- Variety of colors and designs to individualize your cases
- Fully fitted custom interiors designed to keep your cargo safe and secure



FLIGHT CASE OPTIONS



- Custom designed partitions and shelf arrangements available
- Foam routed inserts can be custom designed to suit your equipment
- Optimum loading order efficiency considered in every design
- Low friction location guide options to protect the surface of your product
- Color coded foam inserts available for ease of identification
- A clever internal fit out will ensure your cargo will be suitably protected



TRACK SHACKS



- The Track Shack is Quentor's most adaptable large format Q-Shack range of products
- Choice of lift-off lids, hinged door formats and viewing windows available
- LED Lighting can be installed along with electrics and network cabling
- Converts quickly from freight-storage to a fully operational working hub
- Internal options include shelves, cupboards and rackmount solutions
- Can be fitted with industrial castors for additional maneuverability



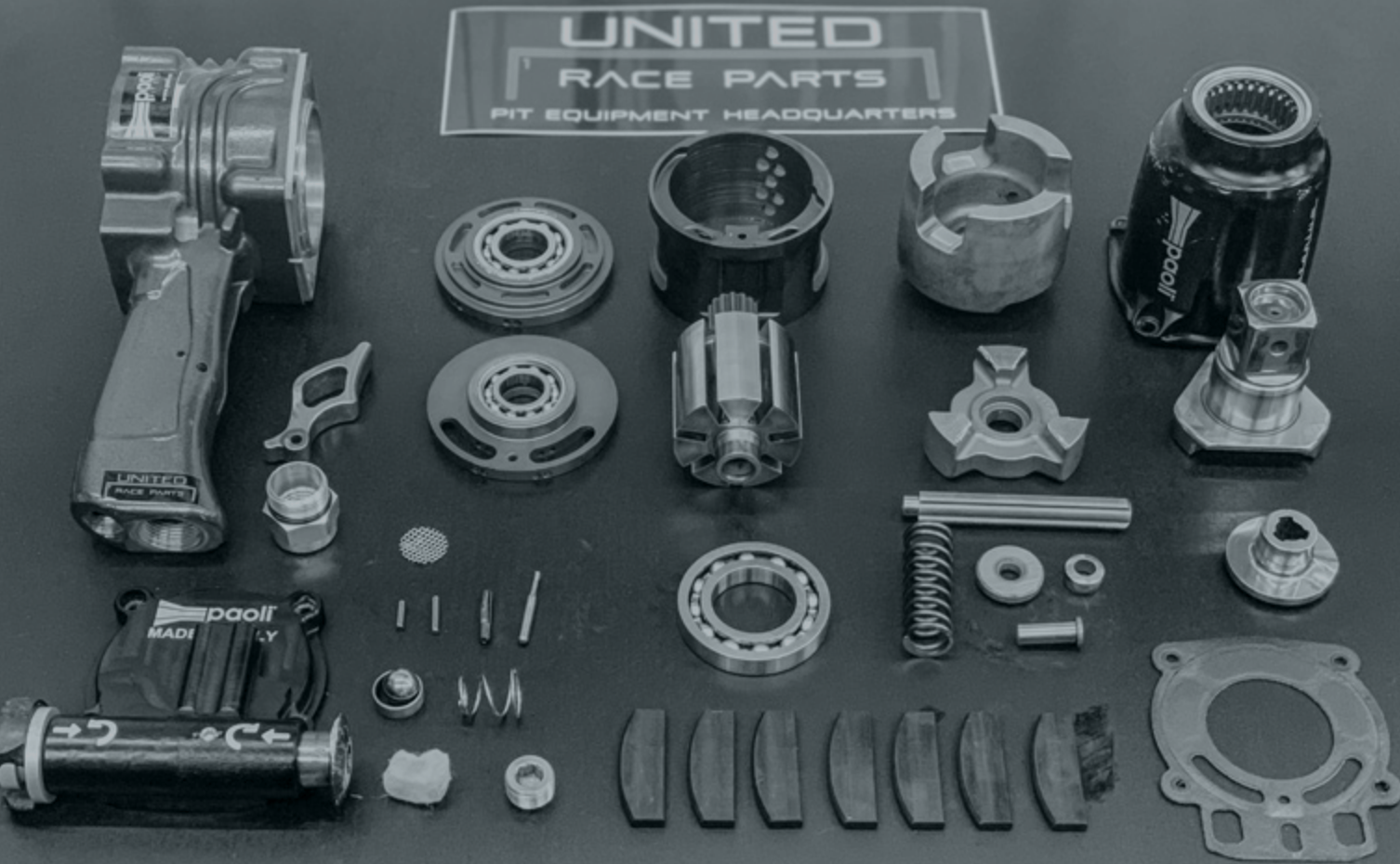
ENGINEERING WORK STATIONS



- Manufactured using Quentor's patented Q-System assembly technology
- Constructed with light-weight aluminum honeycomb panels
- Dual-purpose as storage and an engineering workstation unit
- Easily transferred from freight into a workstation at your venue
- External panels can be painted in a color of your choice



SERVICE DEPARTMENT



UNITED RACE PARTS SERVICES

United Race Parts is the sole service center for both Dino Paoli and Greaves 3D in North America. Our technicians have been certified at Paoli's Italian factory and have received extensive Greaves 3D equipment training around the world. Managing a fleet of over 300 guns for one program, we are prepared with the knowledge, detail and documentation to support your goals.

Complete Wheel Gun Services

- Yearly service plans
- Conversion and upgrades
- Custom accessories
- Dyno testing
- Metallurgical analysis
- Handle re-finishing



Spare Parts Supply

- Extensive inventory on-hand
- Recommended cycle life
- Parts diagrams



TRACKSIDE SUPPORT

We are present at select IndyCar, NASCAR, IMSA and WEC races to provide:

- Equipment rental
- Wheel gun inspections
- Emergency repair work
- Pit equipment support and training
- Air system optimization
- Product implementation
- Team support
- Pit competition operation support

Our trackside support team is experienced in management of leased equipment, rental equipment support and pit stop competition support.



RENTAL PROGRAM



RENTAL EQUIPMENT

Through our partnerships with Greaves and Paoli we offer equipment rentals for Le Mans, WEC, IMSA, and other series throughout the United States.

Equipment Available to Rent

- Engineering station
- Pit cart
- Walling
- Gantry
- Lights
- Tire oven
- Timing board
- Booms
- Bottle trolleys
- Paoli wheel guns
- Timing system
- Fuel timing system
- We can customize any package to meet your team needs

**Availability not guaranteed, please check for current inventory*



LE MANS SPECIFIC RENTALS



PADDOCK

TRUCK FASCIA



- All-aluminum construction is lightweight and incredibly durable
- Vinyl graphics allow you to change the overall design in a matter of hours
- Seamless with no visibility through panels
- Optional crown spot lighting available
- Built to a support gantry; can be taken down entire firelane
- 2.1m or 4.2m height

CANVAS FASCIA



- Reduced cost option
- Allows more air flow
- Quicker installation and tear down
- Full digital color print
- Team keeps complete canvas after event

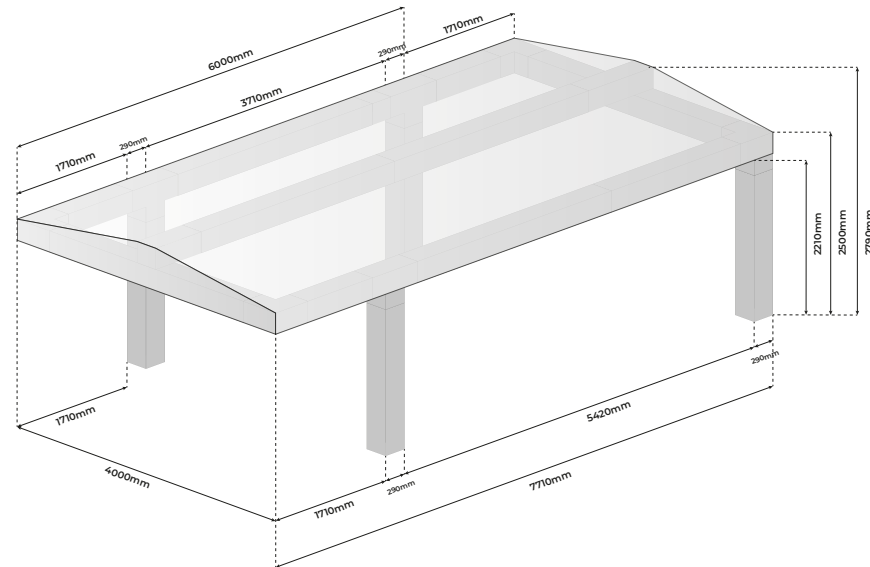
OPTIONS



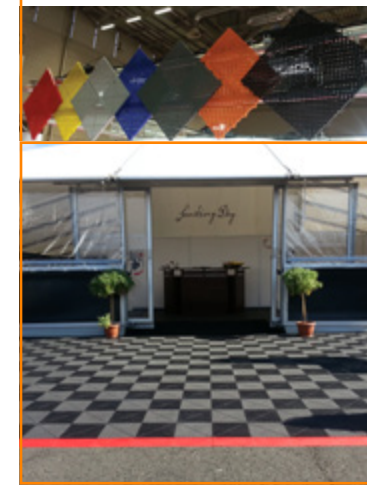
- Crown spot lighting
- Sliding doorways for security

PADDOCK TENT

- Canvas awning built on gantry system
- Covers paddock space from garage roof to container cabins
- Maximizes covered work space while reducing tent legs on the ground
- Includes interior LED lights; two side curtains for privacy



SNAP TILE FLOORING



- Available for paddock to cover small areas or entire work area
- Elevates crew from rain run-off
- Made from co-polypropylene for durability, comfort and static protection
- Trolleys and carts can wheel over with ease
- Rental available in all colors; purchase available in multiple colors and configurations

CABINS / CONTAINERS



- Containers available in single and double stacked
 - Containers approx. 6m x 2.5m exterior dimensions
- Options included:
 - Garage service doors
 - Office doors
 - Air conditioning
 - Internal and external stairwells
 - Windows
 - Open/connected interior

GARAGE

SEAMLESS WALLING



- Fast Track Q walling
- Wrapped with a vinyl design of your choice
- Options included:
 - Integrated TVs
 - Doors at fuel pump and gantry pillars
 - Helmet boxes
 - Toolbox alcoves
 - Engineering area privacy walls

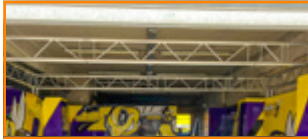


VINYL MAT FLOORING



- Two-piece matting system allows teams to prepare in a proper, smooth and flat environment
- Slight cushioning creates a comfortable environment for mechanics to kneel and reduces fatigue

INTERNAL GANTRY



- Aluminum gantry available in flat duo or triangle trio
- Trio can be used to mount powerhoods, fans, car charges and cabling
- Duo can be used to mount LED cubes, TVs and cabling
- Gantry system integrates seamlessly with walling designs
- Lighting Options:
 - PowerHoods for prototypes
 - LED cubes for GT cars



TIRE SCRAPER



- Ergonomically designed, molded handle
- 2000W output; 100° to 600° temperature range
- Scrape and pick debris with ease leaving a smooth, undamaged surface

TIRE SCRAPER STATION



- Improves speed and efficiency of tire cleaning
- Includes the tire scraper holder and pedal brake

TIRE BATH



- Aluminum frame; stainless steel bath
- Designed for multiple tire and rim sizes

TIRE TROLLEY



- Vertical or horizontal trolley
- Available with tow bar

ENGINEERING STATION



- Allows for six monitors
- 19" racking integrates servers, intercoms, radio repeaters, camera systems and UPS
- Power, USB, HDMI and RJ45 in the drawer and desk worktop

SINGLE-SEAT ENGINEERING STATION



- Single folding work station
- Allows for two 25" monitors
- Integrated intercom panel, power, network and RJ45 connections

FUEL BOWSER



- 200-liter capacity
- 10" touch screen and Wi-Fi connectivity
- 30-liter minimum bi-direction pump with automatic full-tank pump shut off
- Works with Greaves fuel timing system

PIT LANE

FUEL TANK ASSEMBLY



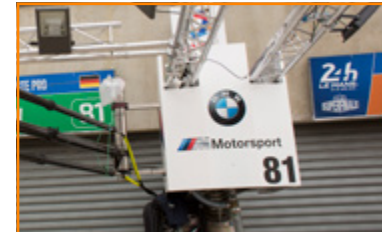
- Aluminum autonomous fuel tank
- Includes vent and outlet fittings
- Details provided for ACO Passport
- Connected to ACO in ground fuel tank/pump

FUEL TIMING SYSTEM 2.0



- New aluminium enclosures, user interface and EASI software
- Includes fuel probe screen/switch, fuel rig load cells/control box and fuel bowser with Wi-Fi
- Real-time fuel delivery information to engineers
- Monitors fuel tank, probe & hose weight, internal and ambient temperatures

FUEL TANK SURROUND



- Aluminum three-piece tank surround to hide track-supplied fuel cage
- Custom fit to each cage
- Works with Greaves boom and gantry systems
- Supplied in white; can be vinyl'd to team instructions

TANK/BOOM MOUNT



- Levels Greaves fuel tank to Le Mans fuel cage
- Works with Greaves timing load cells
- Integrated boom mount for Greaves 360° booms

DOUBLE 360° BOOM

- Two independently adjustable booms
- Lower boom (360° rotation); Upper boom (320° rotation)
- Integrated sign mount
- Additional Le Mans extensions and stay cables available



BOTTLE STANDS



- Holds up to four cylinders and regulators
- Integrated gun and lance docking station
- Soft shell cover and water-resistant finish

PIT PERCH



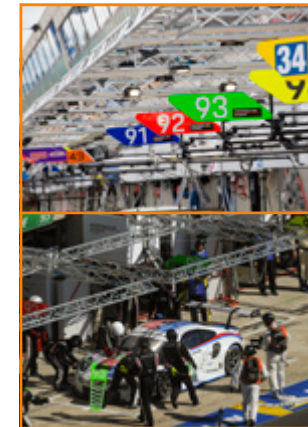
- 3 seats with adjustable height and rotation
- Eight 25" monitors
- Integrated intercom panel, power, network and RJ45 connections
- Weather vane mounts available

DIVE BOTTLE TROLLEYS



- Choose single or double bottle trolley
- Kits include air bottles, regulators and all fittings/connections
- 15L capacity
- Compressors available for rent or filling at Greaves station

PIT LANE GANTRY



- Official supplier to the 24 Hours of Le Mans
- Supply to more than 50% of the pit lane
- Quick and easy assembly
- Allows lights and accessories to be hung safely
- Mounted before team arrival, dismantled overnight after race