

**Equipment Catalogue** 





## LEADING DISTRIBUTORS OF **QUALITY BRANDS**

Over 40 years' experience supplying to trade professionals in the Collision Repair, Marine, Painting and Decorating and Manufacturing Industries.



## WELCOME



Wyatt Machine Tools is proudly a NZ owned and family operated business. For over 40 years Wyatt Machine Tools has imported and distributed power tools, collision repair equipment and surface finishing products to trade professionals throughout New Zealand.

We know that wasted time means wasted money, and that maximising productivity is crucial to maintaining your profits, especially when times are tough. With this in mind, our customers can rest assured we are committed to selling only top performing and competitively priced equipment and consumable products.

We are proud to represent a range of leading brands including; RUPES, Car-O-Liner, Farecla, Pro Form, Smirdex, Deca, OMCN, Pneutrend, Eco Touch and many more...

These brands represent our commitment to delivering high performance, high precision and high quality products to our customers at affordable prices. We constantly check prices to make sure we are competitive with our range of products.

We pride ourselves on our core value of maintaining exceptional customer service levels, with full product technical back-up on all items supplied and fast delivery throughout New Zealand. Our experienced sales force is available to call on customers in and around Auckland as well as providing assistance at our Penrose showroom.

All equipment is backed up by our qualified after sales service department which is dedicated to the maintenance and repair of our range.

Our website has been a real success story, offering customers 24hr ordering facilities, simply vist www.wyatt.co.nz.

Paul Wyatt



# WYATT MACHINE TOOLS

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## **GET IN TOUCH:**

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Showroom: 388 Church Street, Penrose, Auckland

**Opening Hours**: Monday - Friday, 8:30am - 4:00pm



## OUR TRUSTED BRAND PARTNERS



## High performance, reliability and unique design: a true "Made in Italy" know how.

RUPES has been a leader in the manufacturing of innovative power tools since 1947. RUPES is an Italian company that strongly believes that innovation and quality come above all else. Their tools are precision engineered and are an investment, which ultimately saves you time, materials and protects your health. RUPES use high quality materials with exacting tolerances to make their tools the best. RUPES employs a state-of-the-art research and development centre where all tools are computer designed and tailored to each respective market's demands. Their team of engineers have a passion for their work and therefore use the best components.





## Car-O-Liner's devoted team of engineers design the future of collision repair systems.

Time and time again Car-O-Liner has made important landmarks. They were the first to introduce a universal repair bench with a mechanical measuring system in 1973, and the first to introduce a computerized electronic measuring system.

To meet customers' increasing demand for one-stop shopping they have expanded their product range to include a wide selection of collision repair products.

Car-O-Liner's collision repair equipment is the best made, the easiest to learn, the simplest to use, the best backed and the most productive – and productivity means profits. With Car-O-Liner equipment in your shop, your customers - the vehicle owners and insurance companies - will experience complete satisfaction from your work.



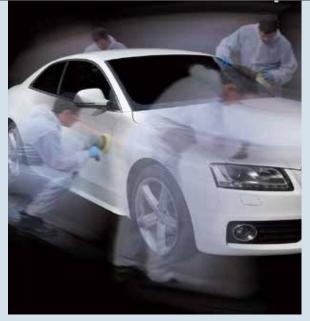
#### World-class surface finishing solutions for over 50 years

Farecla have been supplying the Automotive Refinish Trade, Marine and Industrial sectors for over 50 years and today lead the market by offering world-class surface finishing solutions with the aim of providing exceptional results. This is achieved by increasing productivity, improving turnover and providing the complete solution for all customers.

Farecla specialise in products that produce the best results, keep the process simple and save time and money. Results from Farecla's extensive research & development programme have proven that using the correct combination of compound and applicator is critical to achieving the best results.

Each Farecla compound is developed alongside the specific Farecla applicator to provide an integrated system based on leading edge technology. Farecla offer a wide range of general use and specialist rectification compounds, each developed to meet a specific need. The Farecla range also covers compounds for dark colours & hologram removal as well as glazes for a showroom finish.







#### **RUPES ELECTRIC TOOLS**

#### **Orbital Palm Sanders**

#### RULE21A / RULE21AC

#### RUPES Electric Orbital Palm Sanders with Built-in Dust Bag

Highly versatile, easy to use sanders ideal for professional applications. Lightweight, compact design can be operated with only one hand. Supplied with a built-in dust extraction bag or can be connected to an external RUPES dust extraction system.

	RULE21A	RULE21AC
Ø Orbit mm	2	2
	80x130	80x130
Power W	200	200
R.P.M	13000	13000
Weight kg	1.25	1.3
Paper clips		$\checkmark$
Velcro pad	$\checkmark$	$\checkmark$
Built-in dust bag	$\checkmark$	





Code	Ømm	Interface	Holes
986003	80x130	Velcro	8







#### RULS71T / RULS71TE

#### RUPES Electric Orbital Delta Palm Sanders with Built-in Dust Bag

The light alloy delta base plate has been specifically designed for sanding in difficult to access areas. The lightweight, compact design can be operated with only one hand. Supplied with a built-in dust extraction bag or can be connected to an external RUPES dust extraction system.

	RULS71T	RULS71TE
Ø Orbit mm	2	2
Pad size mm	Delta	Delta
Power W	200	200
R.P.M	13000	8000-13000
Weight kg	1.15	1.15
Velcro Pad	$\checkmark$	V
Speed Control		V
Built-in dust bag	٧/	1/











#### RULR21AE

#### RUPES Electric Random Orbital Palm Sander with Built-in Dust Bag

This highly reliable, variable speed 125mm random orbital palm sander is ideal for finishing or retouching operations. The lightweight, compact design can be operated with only one hand. Supplied with a built-in dust extraction bag or can be connected to an external RUPES dust extraction system.

	RULR21AE
Ø Orbit mm	2
Pad size mm	125
Holes pad	8+8+1
Power W	200
R.P.M	8000-13000
Weight kg	1.2
Speed Control	$\checkmark$
Built-in dust bag	$\checkmark$

#### Recommended Pads

Code	Ømm	Interface	Hardness	Holes		
980006	125	Velcro	Soft	8+8+1		





WYATT MACHINE TOOLS

#### RULR31AE

RUPES Electric Random Orbital Palm Sander with Built-in Dust Bag



This highly reliable variable speed random orbital sander is ideal for finishing or retouching operations. Fitted with the Direct Flow 6+8+1 velcro pad which enables it to be used with all types of paper (6+1, 8+1, 15 holes) and offers maximum dust extraction capacity. The lightweight, compact design can be operated with only one hand. Supplied with a built-in dust extraction bag or can be connected to an external RUPES dust

extraction system.	(E)		100			RULR31AE
		-		Ø Orbi	t mm	2.2
	-			Pad si	ze mm	150
	R	10		Power	W	260
	A			R.P.M		8500-13500
				Weigh	t kg	1.45
	MIR			Speed Control		$\checkmark$
	-			Built-i	n dust bag	$\checkmark$
	Recomme	nded Pads				
	Code	Ømm	Inte	erface	Hardness	Holes
	981090	150	Vel	cro	Soft	6+8+1
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RUER153TE / RUER155TE RUPES Electric Random Orbital Palm Sanders with Built-in Dust Bag



These new generation of RUPES ER Series palm sanders are extremely lightweight and compact, and allow for easy sanding operations with one or two hands in confined working areas. These variable speed random orbital sanders are ideal for all types of surfaces from roughing to finishing. The interchangeable 150mm and 125mm back up pads make these the most versatile random orbital sanders available (125mm pads sold separately). The new RUPES multihole slim pad, with reduced height, allows you to reach small and tiny areas, while also increasing stability. Available in 3mm Diameter orbit for finishing, or 5mm diameter orbit for the preparation of surfaces. Featuring the new paper ECOFILTER dust collection bag and a swivel attachment to connect sander to an external RUPES dust extraction system.



		RUER153TE	RUER155TE
	Ø Orbit mm	3	5
	Pad size mm	125 or 150	125 or 150
	Holes Pad	8+8+1/Multihole	8+8+1/Multihole
- Cont	Power W	310	310
115	R.P.M	4000-10000	4000-10000
123 mm	Weight kg	1.5	1.5
150 mm	Speed control	$\checkmark$	$\checkmark$
	Pad thread	M8	M8
	Built-in dust bag	$\checkmark$	$\checkmark$



Recommer	ided Pads				
Code	Ømm	Interface	Hardness	Fitting	Holes
980015	125	Velcro	Hard	M8	8+8+1 Slim
981320	150	Velcro	Hard	M8	Multihole Slim
981330	150	Velcro	Soft	M8	Multihole Slim
981340	150	Velcro	Hard	M8	Multihole

#### **Orbital Sanders**

RUER03TE / RUER05TE

#### RUPES Electric Random Orbital Sanders with Built-in Dust Bag

These models are part of the new generation of RUPES sanders. Power, ergonomics and excellent balance are the key features of this sander, making it particularly suitable for heavy-duty use. The electronic module enables the operator to adjust speed, achieve maximum power, and maintain a consistent torque - even at low speeds. Equipped with an anti-spinning system to reduce the undesired rotation of the pad to protect the surface from scratches. Fitted with 6+8+1velcro pad which enables the use of all types of paper (6+1, 8+1, 15 holes). Supplied with a built-in dust extraction bag, or can be connected to an external RUPES dust extraction system. Available in two versions; 3mm diameter orbit for finishing, or 5mm diameter orbit for the preparation of surfaces.

	RUER03TE	RUER05TE	
Ø Orbit mm	3	5	
Pad size mm	150	150	
Power W	450	450	
R.P.M	5000-10000	5000-10000	
Weight kg	2.1	2.1	
Speed Control	$\checkmark$	$\checkmark$	1
Pad Thread	M8	M8	
Built-in dust bag	$\checkmark$	$\checkmark$	

Recommended Pads	

Code	Ømm	Interface	Hardness	Fitting	Holes
981320	150	Velcro	Hard	M8	Multihole Slir
981330	150	Velcro	Soft	M8	Multihole Slir



#### RUBR106AE / RUBR109AE / RUBR112AE **RUPES Electric Random Orbital Sanders**

Ultra-high torque sanders for high removal capacity. Ideal for heavy duty applications where power and flexibility of the tools is required. The random orbital movement combined with ample torque make this an easy tool to use while offering excellent performance. Supplied with Multihole Slim Pad, with reduced thickness, for increased stability. Equipped with an anti-spinning system to reduce the undesired rotation of the pad ad protect the surface from scratches. Connects to an external RUPES dust extraction system; the connection sleeve includes an air flow regulation valve for controlling the suction effect.

	RUBR106AE	RUBR109AE	RUBR112AE
Ø Orbit mm	6	9	12
Pad size mm	150	150	150
Holes Pad	MULTIHOLE	MULTIHOLE	MULTIHOLE
Power W	550	550	550
R.P.M	3000-7000	3000-7000	3000-7000
Weight kg	2.0	2.0	2.0
Speed Control	$\checkmark$	$\checkmark$	$\checkmark$
Pad Thread	M8	M8	M8

	RUBR106AE	RUBR109AE	RUBR112AE
rbit mm	6	9	12
size mm	150	150	150
es Pad	MULTIHOLE	MULTIHOLE	MULTIHOLE
ver W	550	550	550
M	3000-7000	3000-7000	3000-7000
ght kg	2.0	2.0	2.0
ed Control	$\checkmark$	$\checkmark$	$\checkmark$
Thread	M8	M8	M8



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Code	Ømm	Interface	Holes	Hardness	Fitting
981320	150	Velcro	Multihole Slim	Hard	M8
981330	150	Velcro	Multihole Slim	Soft	M8
981340	150	Velcro	Multihole	Hard	M8











#### RUSSCA RUPES Electric Orbital Sander



High performance sander designed for quickly removing materials from a vast range of surfaces. The additional handle enables operators to work comfortably and safely. Features include excellent balance, advanced gear transmission, a protective dust filter for the motor. Their ability to perform under heavy duty working conditions, the minimal vibrations and superior control of the machine ensure high quality sanding results. Supplied with a built-in dust extraction bag or can be connected to an external dust RUPES dust extraction system.



## Recommended Pads Code Ømm

Lode	Ømm	Interface	Holes
6255	115x205	Velcro	10 Hole
983002	115x205	Rubber	10 Hole
983001	115x205	Rubber	No Hole

	RUSSCA
Ø Orbit mm	5
Pad size mm	115x210
Power W	350
R.P.M	6000
Weight kg	3.6
Paper Clips	$\checkmark$
Built-in dust bag	$\checkmark$



RUSSPF RUPES Electric Orbital Sander



High performance sander designed for quickly removing materials from a vast range of surfaces. The additional handle enables operators to work comfortably and safely. Features include excellent balance, advanced gear transmission, a protective dust filter for the motor. Their ability to perform under heavy duty working conditions, the minimal vibrations and superior control of the machine ensure high quality sanding results. This sander can be connected to an external dust extraction system.



No Hole

Rubber

115x205

RUSL42A RUPES Electric Long Board Orbital Sander

The power, the diameter of the orbit and the shape of the baseplate enables fast removal of material, a good surface finish and excellent "flattening off" on large, flat surfaces. This sander can be connected to an external RUPES dust extraction system.

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50
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2.6
$\checkmark$
$\checkmark$
)

983001

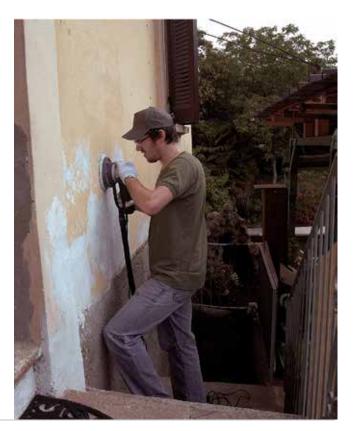
#### Planetary Sanders RUEK150AE / RUEK200A

#### RUPES Electric Planetary Sanders

High performance sanders for heavy duty operation. The planetary movement maximizes removal power, whilst minimizing machining time. The ideal solution for roughing and preparing surfaces quickly without spreading dust, overheating or excessive surface aggression. These sanders connect to an external RUPES dust extraction system; the connection sleeve includes an air flow regulation valve for controlling the suction effect.

	RUEK150AE	RUEK200A
Ø Orbit mm	5	5
Pad size mm	150	200
Power W	550	550
R.P.M	200-500	500
Stroke p/min	2800-7000	7000
Weight kg	2.3	2.5
Speed Control	$\checkmark$	
Velcro Pad	$\checkmark$	$\checkmark$
Holes	6+1	8
Side Handle	$\checkmark$	$\checkmark$





#### Recommended Pads

Code	Ømm	Interface	Holes
981100	150	Velcro	6+1
912279	200	Velcro	8



#### RULH32E / RULH232

#### RUPES Electric Angle Polisher and Sander

Dual purpose RUPES power tool capable of performing both sanding and finishing operations on a wide range of materials. Features include; balanced body, low noise, and provision for sanding pads up to 178mm and polishing pads up to 150mm.

RULH32E is equipped with soft start-up device for spreading the polishing pastes without wasting the product, speed regulation with torque control.



pronshing pad max min	150	200
Power W	1200	1200
R.P.M	1400-3400	1600-3400
Weight kg	3.3	3.7
Speed control	$\checkmark$	
Spindle Thread	M14	M14
Shaft locking button	$\checkmark$	
Side handle	$\checkmark$	V





#### RUPES BIGFOOT POLISHING SYSTEM

**Polishing Kits** 



Obtaining a perfectly polished surface in the least amount of time possible was the primary aim of the RUPES BigFoot project. Traditional polishing methods generally require an experienced technician and are very time consuming due to the various steps of sanding, polishing and treating post-polish holograms.

#### BigFoot simplifies the polishing process, substantially reducing time and producing optimum results even with just one step.

#### 40% Energy Reduction

The new random orbital polishers from RUPES are 40% more energy efficient compared with traditional polishers.



#### Faster Machining Operations - Up to 40% Time Saving

The new BigFoot polisher is an amazing tool that enable you to obtain excellent results in no time. LESS steps, LESS time, LESS compound consumption and GREATER profits.



#### Superior Finish

The goal of operators has always been achieving gloss and colour depth. In designing its polishers RUPES has taken these requirements into account to allow operators to achieve extraordinary results.

#### No Surface Overheating

The random orbital movement of the BigFoot system keeps the work surface at low temperature, virtually eliminating the risk of 'burning' the clear coat.



#### The Polishing Revolution - No Holograms

Holograms are the marks produced by traditional polishers. The innovative BigFoot random orbital polishing system is a revolutionary method for reducing traditional polishing times without creating holograms on any part of the painted surface.

The process is completely new and allows excellent results to be obtained in just one step, creating substantial savings in time, energy consumption and cost of consumable products. The BigFoot system is based on a large diameter random orbital movement. The long throw eliminates holograms and takes away the necessity for a second removal step, an operation that is generally necessary when traditional rotary polishing systems are used







#### Easy To Use

Polishing has always been considered an operation that requires experience and skill. Inexperience may result in surfaces being damaged. RUPES has eliminated these risks. The BigFoot system is the perfect solution for the novice user or the professional in search of a flawless finish.

BigFoot's unique design result in a tool that is light, has exceptional balance, and lack of vibration, which afford the operator complete control and maximize the manoeuvrability of the tool during the polishing operation. Normally difficult areas such as edges, contours and corners are easily handled with the operator employing a consistent and harmonious motion. With BigFoot, polishing becomes easy, comfortable and produces excellent results with less fatigue



#### RULHR21ESDLX

RUPES BigFoot Random Orbital Polisher Deluxe Kit LHR21ESDLX



The RUPES LHR21ES BigFoot Random Orbital Polisher gets its name from its massive, industry leading 21mm orbit. The advantage of a larger throw is that more surface area is being covered as you polish. This means you'll be able to remove swirls, scratches, water spots and other paint defects in considerably less time. Its' 6 inch hook and loop backing plate is the perfect size for polishing horizontal and other large body panels.

The polisher ensures a perfect finish with its random orbital motion. One of the biggest advantages of the LHR 21ES is that no swirls or holograms are instilled as you polish. Simply put, the RUPES LHR 21ES BigFoot Random Orbital Polisher leaves you with a perfect finish that's free of swirls and holograms – all without the risk of burning through the paint. It is so easy to use that even a novice can have the polisher mastered after only one panel!

The RUPES LHR 21ESDLX BigFoot Random Orbital Polisher Deluxe Kit is an all-inclusive kit that contains everything you need to remove swirls, scratches, water spots and anything else that hinders the shine of your vehicle's paint! It includes the legendary LHR 21ES BigFoot Random Orbital Polisher along with the complete BigFoot Polishing System that showcases RUPES foam pads and polishing compounds. The kit also includes a host of other essential polishing accessories including the RUPES BigFoot Polisher Bag and everything else you need to get started.

#### LHR21ESDLX Deluxe Kit includes:

- RUPES BigFoot Electric Random Orbital Polisher LHR21ES
- RUPES BigFoot Polisher Bag
- RUPES BigFoot Detailing Apron
- RUPES Zephir Gloss Coarse Gel Compound 250ml
- RUPES Quarz Gloss Medium Gel Compound 250m
- RUPES Keramik Gloss Fine Gel Polish 250ml
- RUPES Diamond Ultra Fine Gel Polish 250ml
- Blue Coarse Foam Pad, 150mm/180mm
- Green Medium Foam Pad, 150mm/180mm
- Yellow Polishing Foam Pad, 150mm/180mm
- White Finishing Foam Pad, 150mm/180mm
- Microfibre detailing cloths x 4

1	-	~
60	100	1
		20
	-	-

Recommended I	Backing Pad
---------------	-------------

			Polishing	
Code	Ømm	Interface	Pad	Fitting
981321	150	Velcro	Foam	M8

	RULHR21ES
Ø Orbit mm	21
Backing Pad mm	150
Power W	500
R.P.M	2000-4200
Weight kg	2.6
Speed regulation	$\checkmark$
Fitting	M8





#### RULHR15ESDLX

RUPES BigFoot Random Orbital Polisher Deluxe Kit LHR15ESDLX



The 15mm orbit and the RUPES 125mm backing pad make this random orbital polisher particularly suitable for curved surfaces. The combination of the 15mm orbit coupled with the higher r.p.m. than that of the LHR 21ES gives this polisher the equivalent cutting power to the LHR 21ES. Its 130/150mm BigFoot polishing foam pads, perfect balance and vibration free operation make the LHR 15ES a real gem and a must have for the tool kit of every detailer. RULHR15ES

#### RULHR15ESDLX Deluxe Kit includes:

- RUPES BigFoot Electric Random Orbital Polisher RULHR15ES
- RUPES BigFoot Polisher Bag
- RUPES BigFoot Detailing Apron
- RUPES Zephir Gloss Coarse Gel 250ml
- RUPES Quarz Gloss Medium Gel 250ml
- RUPES Keramik Gloss Fine Gel 250ml
- RUPES Diamond Ultra Fine Gel 250ml
- Blue Coarse Foam Pad, 130mm/150mm
- Green Medium Foam Pad, 130mm/150mm
- Yellow Polishing Foam Pad, 130mm/150mm
- White Finishing Foam Pad, 130mm/150mm
  - Microfibre detailing cloths x 4 Recommended Backing Pads

Code	Ømm	Interface	Polishing Pad	Fitting	
980027	125	Velcro	Foam	M8	

Ø Orbit mm

Power W

Weight kg

R.P.M

Fitting

Backing Pad mm

Speed regulation

15

2000-5000

125

500

2.6

V

M8

RULHR12E - DLX

8

#### RUPES BigFoot 'Duetto' Random Orbital Sanding and Polishing Deluxe Kit LHR12E DUETTO





#### All-in-one sanding and polishing system for painted surfaces.

The RUPES LHR 12E Duetto is the result of countless hours of research and development to design what is arguably the most user-friendly dual action polisher available. The 'Duetto' continues the RUPES tradition of engineering polishers that have a larger orbit (throw) than anything else on the market. The LHR 12E Duetto, the little brother to the larger LHR 15ES and LHR21ES, features a respectable 12 mm orbit, enabling it to be used as a sander or polisher.

Designed with the professional detailer in mind, the RUPES LHR 12E Duetto is thoughtfully engineered with superb ergonomics and user-friendly switches and dials. The RUPES LHR 12E Duetto will provide hours of sanding and polishing with minimal user fatigue. The powerful 400 watt motor provides enough juice to keep the pad rotating, making it capable of removing heavy swirls, water spots, and scratches.

#### Dual Function: Sanding & Polishing

The RUPES LHR 12E Duetto and its 12mm orbit can be used with fine grit abrasives to speed up deep correction operations. The tool can then use foam pads and polishing compounds to refine the abrasive scratches and restore a flawless finish.

#### RULHR12E 'Duetto' Deluxe Kit includes:

- RUPES BigFoot 'Duetto' Electric Random Orbital Polisher LHR12E DUETTO
- RUPES BigFoot Polisher Bag
- RUPES BigFoot Detailing Apron
- RUPES Zephir Gloss Coarse Gel Compound 250ml
- RUPES Keramik Gloss Fine Gel Polish 250ml
- Blue Coarse Foam Pads, 130mm/150mm x 2
- Yellow Polishing Foam Pads, 130mm/150mm x 2
- RUPES Backing Pad 980.027
- RUPES Soft Interface Pad 980.041
- RUPES 2000 Grit Sanding Discs x 3
- RUPES 3000 Grit Sanding Discs x 3
- Microfibre detailing cloths x 4

	RULHR12E
Ø Orbit mm	12
Backing Pad mm	125
Power W	400
R.P.M	4000-5500
Weight kg	2.6
Speed regulation	$\checkmark$
Fitting	M8

#### Recommended Backing Pads

Code	Ømm	Interface	Polishing Pad	Fitting	
980027	125	Velcro	Foam	M8	

#### RULHR75E - MINI

#### RUPES BigFoot Mini Random Orbital Polisher Deluxe Kit LHR75E-MINI

#### Polish small and intricate body panels with precision!

The RUPES LHR 75E Mini BigFoot Random Orbital Polisher is a must for any detailer wishing to obtain perfect results, it makes it possible to polish every square inch of your vehicle, especially difficult shapes, and for spot repair operations. The 12mm orbit, combined with RUPES accessories and consumables, achieves quick results on areas such as mudguards, front panels etc.

The RUPES LHR 75E Mini Random Orbital Polisher features a compact, lightweight body that is designed to be used with polishing pads ranging from 3 to 4 inches.

The Deluxe Kit includes the polisher plus a handful of RUPES foam pads, RUPES polishing compounds, and a host of other essential accessories for making for your vehicle's finish flawless. Best of all, the RUPES LHR 75E Mini BigFoot Random Orbital Polisher Deluxe Kit includes a RUPES bag to carry everything around in.

#### LHR75E-MINI Deluxe Kit includes:

- RUPES BigFoot Mini Electric Random Orbital Polisher LHR75E Mini
- RUPES BigFoot Polisher Bag
- RUPES BigFoot Detailing Apron
- RUPES Zephir Gloss Coarse Gel Compound 250ml
- RUPES Keramik Gloss Fine Gel Polish 250ml
- Blue Coarse Foam Pad, 80mm/100mm x 2
- Yellow Polishing Foam Pad, 80mm/100mm x 2
- Microfibre detailing cloths x 4

RULHR75E
12
75
400
4000-5500
2.3
$\checkmark$
M6

#### Recommended Backing Pad

Code	Ømm	Interface	Fitting
990007	75	Velcro	M6







#### RULHR75

#### RUPES BigFoot Pneumatic Random Orbital Polisher LHR 75

#### Polish small panels and perform spot repairs with confidence!

Thanks to its compact and ergonomic design, this lightweight tool is specifically developed for spot repair operations or for polishing hard to reach areas. This 75mm pneumatic polisher easily removes swirls and scratches on the most intricate body panels. The massive 15mm throw ensures uniform material removal so you're left with a flawless finish every time. It may be small, but the RUPES LHR75 75mm Pneumatic Random Orbital Polisher packs quite a punch!

	RULHR75
Ø Orbit mm	15
Backing Pad size mm	75
Max Consumption Air L/min	320
R.P.M	0-11000
Working Pressure Bar	6
Weight kg	0.65
Speed regulation	$\checkmark$
Fitting	M6



 Ømm
 Interface

 990007
 75
 Velcro
 M6





Wyatt Machine Tools

RUMLHR21ES RUPES BigFoot Random Orbital Polisher Marine Premium Kit







981321

Recomme	ndod Pac	king Dad	
Recomme	nueu bau	.King Pau	
			Polishing
Code	Ømm	Interface	Pad

Ømm	Interface	Pad	Fitting
150	Velcro	Foam	M8

The BigFoot Marine Premium Kit enables you to remove oxidation, yellowing, and surface staining from your boat faster than any other system available. The massive 21mm orbit of the RUPES LHR 21ES paired with BigFoot pads and Marine compounds is the perfect recipe for smooth, glossy gel coat. This all-inclusive RUPES Marine kit contains everything you need to polish your boat from start to finish.

The RUPES LHR21ES BigFoot Random Orbital Polisher gets its name from its massive, industry leading 21mm orbit. The advantage of a larger throw is that more surface area is being covered as you polish. This means you'll be able to remove swirls, scratches, water spots and other surface staining in considerably less time. Its' 6 inch hook and loop backing plate is the perfect size for polishing horizontal and other large areas.

The polisher ensures a perfect finish with its random orbital motion. One of the biggest advantages of the LHR 21ES is that no swirls or holograms are instilled as you polish. Simply put, the LHR 21ES Polisher leaves you with a perfect finish that's free of swirls and holograms – all without the risk of burning through the gel coat. It is so easy to use that even a novice can have the polisher mastered after only one section!

The Premium Marine Kit includes the legendary LHR 21ES BigFoot 21mm Random Orbital Polisher along with the complete BigFoot Polishing Marine System that showcases RUPES foam pads and Marine polishing compounds. The kit also includes a host of other essential polishing accessories including the RUPES BigFoot Polisher Bag and everything else you need to get started.

#### RUMLHR21ES Marine Premium Kit includes:

- RUPES BigFoot Electric Random Orbital Polisher LHR21ES
- RUPES BigFoot Polisher Bag
- RUPES Marine G-Coarse Gel Compound 1000ml
- RUPES Marine G-Medium Gel Compound 1000ml
- RUPES Marine G-Fine Gel Compound 1000ml
- 150/150mm Microfibre Coarse Cutting Pads, Pack/2
- 150/180mm UHS Foam Polishing Pads, Pack/2
- 150/180mm Yellow Foam Polishing Pads, Pack/2
  - Microfibre detailing cloths x 4
- RUPES BigFoot Keyring

	RULHR21ES
Ø Orbit mm	21
Backing Pad mm	150
Power W	500
R.P.M	2000-4200
Weight kg	2.6
Speed regulation	$\checkmark$
Fitting	M8

#### RUMLHR12E

#### RUPES BigFoot 'Duetto' Random Orbital Sanding and Polishing Marine Gold Kit

The Gold kit can easily be used even by unskilled operators: the machine's extreme manageability makes it comfortable to use even for low skilled technicians, such as private boat owners.

The RUPES LHR 12E Duetto is the result of countless hours of research and development to design what is arguably the most user-friendly dual action polisher available. The LHR 12E Duetto, the little brother to the larger LHR 15ES and LHR21ES, features a respectable 12mm orbit, enabling it to be used as a sander or polisher.

Designed with the professional detailer in mind, the RUPES LHR 12E Duetto is thoughtfully engineered with superb ergonomics and user-friendly switches and dials. The RUPES LHR 12E Duetto will provide hours of sanding and polishing with minimal user fatigue. The powerful 400 watt motor provides enough juice to keep the pad rotating, making it capable of removing heavy swirls, water spots, and scratches.

#### Dual Function: Sanding & Polishing

The LHR 12E Duetto and its 12mm orbit can be used with fine grit abrasives to speed up deep correction operations. It can then use foam pads and polishing compounds to refine the abrasive scratches and restore a flawless finish.

	RULHR12E
Ø Orbit mm	12
Backing Pad mm	125
Power W	400
R.P.M	4000-5500
Weight kg	2.6
Speed regulation	$\checkmark$
Fitting	M8

#### RUMLHR12E 'Duetto' Marine Gold Kit includes:

- RUPES BigFoot 'Duetto' Electric Random Orbital Polisher LHR12E DUETTO
- RUPES BigFoot Marine Polisher Bag
- RUPES Marine G-Medium Gel Compound 1000ml
- RUPES Marine G-Fine Gel Compound 1000ml
- RUPES Marine G-Wax Extreme Durability Spray Wax 500ml
- 130/150mm UHS Foam Polishing Pads Pk/2
- 130/150mm Yellow Foam Polishing Pads Pk/2
- Microfibre detailing cloths x 4



#### Recommended Backing Pads Polishing Ømm Interface Pad Fitting Code 980027 125 Velcro Foam M8



#### **BigFoot 'Marine' Compounds & Waxes**

#### 9BFGCOARSE/ 9BFGMEDIUM / 9BFGFINE RUPES BigFoot Marine G-Compounds

A new range of RUPES high performance abrasive gels engineered for gelcoats and composites. 1 Litre.



#### 9BFGWAX500 **RUPES BigFoot Marine G-Wax**

A convenient speed spray wax for protection and a high gloss finish on gelcoats and composites. 500ml.

Per Unit 9BFGWAX500



#### **BigFoot Backing Pads**

990007 / 980027 / 931321

#### RUPES BigFoot Backing Pads for BigFoot Foam Polishing Pads

The RUPES backing pad is an essential element of the BigFoot system. Made of polyurethane foam that is resistant to mechanical stress. Used in combination with BigFoot polishing foams, the backing plate creates a system that significantly reduces vibration. The holes in the backing plate create an air flow that dissipates heat and keeps the work surface at an acceptable temperature. The material used in the fastening system creates an effective anchoring system, giving the foam exceptional stability while the tool is in use

Per Unit						
Code	Ømm	Interface	Fitting	Tool		
990007	75	Velcro	M6	LHR75E/LHR75		
980027	125	Velcro	M8	LHR15ES/LHR12E		
981321	150	Velcro	M8	LHR21ES		





#### **BigFoot Foam Polishing and Finishing Pads**

Your polisher, compounds and polishes are only as good as the pads you're using them with. This is especially true with the RUPES Big Foot Polishers because of the enormous stroke each tool makes. RUPES has spent a considerable amount of time developing foam pads that would not only work with the massive stroke of the Big Foot Polishers, but actually take advantage of it to deliver best results.

RUPES BigFoot foam pads are constructed of an innovative, super durable, 'open-cell' structure that is designed to withstand extended polishing sessions without the excess build-up of heat. The 24 degree bevelled edge ensures 100% surface contact so you get best results every time.

#### 9BF100H / 9BF150H / 9BF180H RUPES BigFoot Polishing Foams Coarse - Blue



The large dimension of the cells dissipates any heat build-up. The Blue Coarse Foam Pad is very aggressive in its construction and was designed to be used with RUPES Zephir Gloss Coarse Gel Compound. This combination of pad and product, when used on the RUPES Big Foot Polisher, is capable of removing up to P1500 grit sanding marks on fresh paint. Swirls, light scratches, water spots and other paint imperfections will be effortlessly removed with this pad. • The use of Zephir abrasive compound is recommended.

 Per Pack
 9BF100H
 80/100mm
 Pack 4

 9BF150H
 130/150mm
 Pack 2

 9BF180H
 150/180mm
 Pack 2



#### 9BF100M / 9BF150M / 9BF180M RUPES BigFoot Polishing Foams Fine - Yellow



The most versatile of the BigFoot pads, the fine pad adapts itself to the type of compound being used. Its fine cell structure has a medium/hard consistency. Produced from superior grade resins, the fine pad heightens the gloss level achieved, while offering excellent speed of corrections. Recommend combination with:

- Quartz compound for a quality finish in one-step applications
  Keramik (yellow) compound to remove light swirls and holograms
- on difficult surfaces

  Diamond (white) compound for extremely high gloss levels on
- very hard surfaces

Per Pack			( marine	-
9BF100M	80/100mm	Pack 4	and the second	
9BF150M	130/150mm	Pack 2		
9BF180M	150/180mm	Pack 2		

#### 9BF100U / 9BF150U / 9BF180U RUPES BigFoot UHS Polishing Foams



Designed for scratch resistant and high solid ceramic paints, the RUPES UHS Polishing System removes imperfections and leaves a high-gloss finish in just 1-step.

The UHS foam pads also perform well with the RUPES Zephir (Blue), Quarz (Green) and Keramik (Yellow) compounds in heavy correction and gloss enhancement applications with most types of clear coat paints.







#### 9BF100J / 9BF150J / 9BF180J RUPES BigFoot Polishing Foams Medium - Green

- The Green Medium Foam Pad is very dense in its construction. The abrasive compound is not retained inside the sponge but is continuously applied to the work surface, providing a constant layer of lubricated abrasive between the surface and the foam polishing pad. Recommended compound/medium foam pad combinations:
- Quarz abrasive compound for optimum results on any type of surface
- Zephir abrasive compound to decrease correction time and still produce a good finish;
- Keramik abrasive compound for one-step applications.

Per	Pack	

9BF100J	80/100mm	Pack 4
9BF150J	130/150mm	Pack 2
9BF180J	150/180mm	Pack 2



#### 9BF100S / 9BF150S / 9BF180S RUPES BigFoot Polishing Foams Extra Fine - White

Manufactured from a high-density resin that results in a particularly soft consistency with a very fine cell structure, this foam pad adapts itself beautifully to convex surfaces and irregular shapes typically found on sports cars and vintage vehicles. Its unique soft density makes it ideal for attaining an ultra-gloss surface finish.

The use of Diamond abrasive compound is recommended for a "show car" finish.

		margar	
80/100mm	Pack 4		
130/150mm	Pack 2	1	
150/180mm	Pack 2	1	/
		80/100mm         Pack 4           130/150mm         Pack 2           150/180mm         Pack 2	130/150mm Pack 2



#### **BigFoot Microfibre Cutting and Polishing Pads**

RUPES revolutionary microfibre cutting and polishing pads offer superb cutting and finishing abilities along with outstanding durability.

Featuring industry-firsts, including a polyurethane resin that is injected directly into the structure between the Velcro interface and the microfibre fabric. The resin adheres directly to both materials to provide a stable and secure bond without using adhesives. This enables RUPES Microfibre Pads outperform all other microfibre pads on the market.

Thanks to the unique molding technique, these pads can conform to convex shapes during the polishing process, similar to a traditional foam pad. This ensures that RUPES microfibre pads are making contact with the surface 100% of the time, reducing polishing time and improving the overall finish quality.

RUPES Microfibre Pads are the first of their kind to offer innovative spiral slots in the design of the pad. These represent an important technical improvement with a unique design. These spiral slots dissipate heat at an enormous rate, allowing the pad and the paint to stay cooler.

#### Advantages to RUPES Microfibre Pads:

- Quick defect correction on hard (ceramic) clear coats
- High efficiency on all paint systems, including single stage
- Greatly reduced polishing times
- Less dust on the surface during polishing process



#### 9.F100XH2 / 9BF150XH / 9BF170XH2 RUPES BigFoot Microfibre Cutting Pads - Blue



Designed for removing heavy swirl marks, oxidation, scratches, water spots, and sanding marks from all paint systems. The RUPES Blue Microfibre Cutting Pad features a short and dense pile perfect for use with heavy cutting RUPES Big Foot Polishing Compound, like Zephir Gloss or Quarz Gloss. The special microfibre material allows for the true correction power of the product used.

Pack of 2 9BF100XH2 80/100mm 9BF150XH 130/150mm 9BF170XH2 150/150mm



#### RUPES BigFoot Microfibre Finishing Pads - Yellow

Designed to restore the depth and clarity to your vehicle's paintwork. The long and soft microfibre pile is perfect for removing light swirl marks, holograms, and water spots using an ultra-fine BigFoot Polishing Compound, like Keramik Gloss or Diamond. RUPES Yellow Microfibre Finishing Pads eliminate light imperfections while delivering a perfect finish. Pack of 2

9BF100XM2 80/100mm 9BF150XM 130/150mm 9BF170XM2 150/150mm



#### **BigFoot Abrasive Gel Compounds**

These compounds are the results of in-depth research and consist of high quality abrasive mixes, all silicone free. The compounds are specifically designed to work with the RUPES BigFoot Random Orbital Polishers. Random orbital polishing compounds require a unique formulation to assure the product has the perfect combination of viscosity and abrasion. ECO-FRIENDLY: Water-based, silicone free and with a pleasant fragrance. VOC Compliant and Body -Shop safe, also suitable for use on marine/rv gel coat.

GEL FORMULATION: Avoid splashes, can be user longer, maintains the abrasive in suspension during machine and eliminates the dusting effect.

4 LEVELS OF FINISHING: Zephir, Quarz, Keramik and Diamond for the finishing of all surfaces, from freshly painted to fully catalysed.

The CONCENTRATED COMPOSITION enhances performance by 30% as compared to other equivalent products and reduces the amount used on equivalent machined surfaces.

#### 9BFZEPHIR

#### RUPES BigFoot Gel Compounds: Zephir Coarse



ZEPHIR GLOSS COARSE is an ultra-heavy cut, high performance compound recommended for first step polishing. Its grain is the most aggressive of the 'BigFoot' abrasives and is used for the rapid removal of marks and scratches. The abrasive gel quickly eliminates up to P1500 grit sanding marks, scratches and swirl marks from fresh paint work. At the same time ZEPHIR is highly effective in restoring paints and creating a high degree of gloss. Designed to be used with a Coarse (blue) BigFoot Polishing Foam Pads on a RUPES BigFoot Random Orbital Polisher.

For best results follow application with RUPES Keramik Gloss Fine Gel Polish. This will further refine the surface, maximizing gloss before you apply your wax or sealant.

Per Unit 9BFZEPHIR 1 Litre

#### **9BFKERAMIK**

#### RUPES BigFoot Gel Compounds: Keramik Gloss Fine



KERAMIK GLOSS FINE Gel Polish is the ideal composition for perfect finishes on particularly hard clear coats. It provides the perfect polish for restoring the shine and lustre to all paint systems. RUPES Keramik Gloss Fine Gel Polish has become a staple for professional detailers in Europe thanks to its amazing gloss and the halo-free finish. It is perfect for removing paintwork blemishes from all types of paints, including hard clear coats. Ideal for 'spot removal' or isolated trouble areas. It is capable of removing P3000 sanding marks in one easy step. It is exceptionally easy to use and is the perfect follow-up step to a more aggressive polish or compound. Use with Fine (yellow) BigFoot Polishing Foams on a RUPES BigFoot Random Orbital Polisher. Per Unit

9BFKERAMIK 1 Litre

#### 9BFOUARZ RUPES BigFoot Gel Compounds: Quarz Gloss Medium



QUARZ GLOSS Gel Compound is a medium grain abrasive compound that easily removes minor surface scratches (up to P2500 grit sanding marks), minor scoring from sources such as car wash brushes, water spots and oxidation on all paint systems. Quarz Gloss can be used with full confidence that it will not leave halos or holograms.

You'll be rewarded with an exceptionally long working time and easy wipe off when you pair Quartz Gloss Medium Gel Compound with the RUPES Medium (green) Foam Pad on a RUPES BigFoot Polisher. To achieve brilliant reflections, follow with RUPES Diamond Ultra Fine Polish. This will create a true show-car shine that even the most discriminating enthusiast will agree is perfect.



Per Unit 1 Litre 9BFOUARZ

#### 9BFDIAMOND

#### RUPES BigFoot Gel Compounds: Diamond Gloss Ultra Fine



DIAMOND ULTRA FINE Gel Polish is specifically formulated for the final finishing pass in the RUPES Big Foot Polishing System.

This ultra-fine polish utilizes micro abrasives that quickly polish away light swirl marks and holograms. The formulation brings out the very deepest colour and gloss of the paintwork surface. RUPES Diamond Ultra Fine Gel Polish was designed to be used with a RUPES Finishing Foam (white) Pad on a RUPES BigFoot Random Orbital Polisher.

Per Unit 9BFDIAMOND 1 Litre



#### RUPES ELECTRIC TOOLS CONTINUED

#### Polishers

RUFR32E RUPES Electric Mini Angular Polisher



A mini-polisher with ultra-light weight and dimensions, yet extremely powerful and high-performing. Features include electronic Soft Start-Up device for spreading the polishing pastes without wasting the product, and speed regulation with torque control. RUFR32E is ideal for vertical polishing and retouching operations that require the use of a small tool, and the removal of enamels and glazes and for fine finishing work.

F	RUFR32E				
Ø Polishing pad mm	75				
Power W	900				
R.P.M 15	00-4000				
Weight kg	1.8				
Speed control	$\checkmark$				
Spindle thread	M14				
Side Handle	$\checkmark$				
Recommended Backing Pads					
Code Ømm Interface Fitting					
990015 75 Velcro M14					

RULH16EN / RULH18EN RUPES Electric Mini Angular Polishers



Excellent ratio of performance, compactness, power and weight. Features include a dual gear reducing unit to enhance performance in all working conditions, with all types of buffers. RULH16EN is ideal for vertical polishing and retouching operations. RULH18EN is extremely high-performing, ideal for continuous machining of large flat surfaces, small shaped surfaces, vertical panels and difficult to access parts.



Recommended Backing Pads

992001 122

861097 110

Code

Ømm Interface Fitting

Velcro M14

Adhesive M14

RULH16EN RULH18EN Ø Polishing pad mm 200 200 Power W 900 1100 R.P.M 700-1700 700-1850 Weight kg 1.9 2 Speed control V  $\sqrt{}$ Spindle thread M14 M14 Shaft locking button V Side handle



RULH22EN Electric Angular Polisher



The latest generation of RUPES polisher developed to achieve maximum results with leading polishing brands such as Farécla. Features include; spindle locking button for quick pad replacement, protective side handle, soft start up for spreading of polishing pastes without wasting the product, and speed regulation with torque control.

Recommended Backing Pads						
Code	Ømm	Interface	Fitting			
992001	122	Velcro	M14			
861097	110	Adhesive	M14			

	RULH22EN
Ø Polishing pad mm	200
Power W	1020
R.P.M	900-2000
Weight kg	3.3
Speed control	$\checkmark$
Spindle thread	M14
Shaft locking button	$\checkmark$
Side handle	$\checkmark$

#### Grinders

#### RUBA81 RUPES Mini Angular Grinder

A powerful, high torque grinder, yet compact and easy to handle. Ideal for sharpening, grinding and cutting. Equipped with a shaft locking button for fast disc removal, and an ergonomic handle for left or right-hand side use.

Because of this it's small dimensions, this model is suitable to perform machining operations directly onto bodywork, and to cut and grind metal sheet surfaces.

	RUBA81
Ø Disc mm	115
Power W	800
Revs R.P.M	11000
Weight kg	2.1
Spindle locking button	$\checkmark$
Turning guard	$\checkmark$
Side handle	$\checkmark$
Fitting	M14





#### RUBA215 RUPES Mini Angular Grinder

A powerful, high torque grinder, yet compact and easy to handle. Ideal for sharpening, grinding and cutting. Equipped with a shaft locking button for fast disc removal, and an ergonomic handle for left or right-hand side use. Because of this it's small dimensions, this model is suitable to perform machining operations directly onto bodywork, and to cut and grind metal sheet surfaces, and tiles or ceramics and granite cutting.

	RUBA215
Ø Disc mm	115
Power W	950
Revs R.P.M	11000
Weight kg	2.1
Spindle locking button	$\checkmark$
Turning guard	$\checkmark$
Side handle	$\checkmark$
Fitting	M14





#### RUBA31E RUPES Mini Angular Grinder

This mini angular grinder is able to machine at low rotation speeds ranging from 1500 to 4000 r.p.m. Particularly suited to roughing operations, for the preparation of surfaces and removal of oxides. This grinder is suitable for grinding and polishing with fibre discs.

Equipped with a shaft locking button for fast disc removal, an electronic module with speed adjustment and overload control. and an ergonomic handle for left or right-hand side use.

This grinder can be connected to an external RUPES dust extraction system.

	RUBA31E
Ø Disc mm	115
Power W	900
Revs R.P.M	1500-4000
Weight kg	1.8
Speed control	$\checkmark$
Spindle locking button	$\checkmark$
Turning guard	$\checkmark$
Side handle	$\checkmark$
Fitting	M14







#### RUPES DUST EXTRACTION

#### **Dust Extraction Units**

RUSV10F **RUPES Portable Dust Extraction Unit** 



Powerful and compact portable dust extraction unit for connection to a wide range of RUPES electric equipment. With its compact size, carry handle and weighing just 6.5Kg it

The RUSV10E RUPES Portable Dust Extraction Unit compliments the RUPES Carrier System, being designed to sit neatly on top, ensuring both sanding & dust extraction equipment can be easily transported to the work area in one go. Complete with a power socket for tools up to 1000W, a dust bag capacity of 3.5Kg, a 5m hose and a range of cleaning attachments so it can also be used as a vacuum. An optional shoulder strap is



	RUSV10E
Flow Capacity m³/h	100
Vacuum Nozzle nr.	1
Noise dB(A)	75
Capacity Bag Kg	3.5
Vacuum Level mm/H₂O	1600
Weight Kg	6.5
Power Max W	1x1000
Power W	1150

RUS130EL / RUS130PL / RUS145EL / RUS145EPL RUPES 'S' Series Mobile Dust Extraction Units - Single Operator



With a 1200 watt motor these are extremely versatile and compact dust extraction units are suitable for extracting dust from grinding and various types of industrial work. Fitted for connection to an electric tool (with a maximum power of 2400 Watts), or a pneumatic tool (P versions) . The operator can choose between manual or automatic start up of the extractor when the connected tool is started. Features variable suction control.

To ensure maximum extraction efficiency under all working conditions, the version 'E' extractors have an automatic filter cleaning system. By means of a system of valves, the air flow passing through the filters is inverted in alternation every 30 seconds, ensuring efficient cleaning action. With this innovative system, the operator is able to continue working without any interruption of or reduction in the extraction process. Rated 'L 'Class Dust Extraction filter - with a maximum tolerated exposure value > 1.0 mg/m3 (according to the EN60335-2-69/A2 standard). Suitable for all type of work on surfaces with power tools - bodywork - wood - plastic.

Features a convenient, multi-purpose shelf for storing tools and attachments. Electrostatic charge dispersion device.

Supplied with a multi-purpose swivel extraction attachment that makes it possible to use extraction hoses with diameters of 25, 29, 38 and 50 mm, making the extractor adaptable to any application. Comes complete with a 4m hose and filter bag.

and the second se			
		RUS130	RUS145
	Power W	1x1200	1x1200
	Weight Kg	10.5	13.5
	Tool Power, max W	1x2400	1x2400
	Noise dB(A)	70	67
	Container Volume L	30	45
1	Air Flow m³/h	165	165
ĺ	Rated Dust Class	L	L
	Connectable Tools	1	1
	Electrical Outlet for Tools	1	1
	Air Connections for Tools	P versions	P versions
	Connector Attachment	50mm	50mm
	Automatic filter cleaning	E versions	E versions
	PNEUMATIC VERSION (P ve	ersions)	
	Feed pressure Bar	6	6
	Max. air flow rate I/min	1450	1450

Available versions:

RUS130EL, RUS130PL, RUS145EL, RUS145EPL

#### RUKS260E / RUKS260ES / RUKS260EP / RUKS260EPS RUPES Mobile Dust Extraction Units - Twin Operator

With two x 1000 Watt motors, these powerful, robust and reliable RUPES Mobile Dust Extraction Units are fitted for simultaneous connection with two tools - electric or pneumatic tool (P versions). Features a dual-startup system, the operator can choose between manual or automatic start up of the extractor when the connected tool is started. Features variable suction control.

Features include pivoting wheels that brake, a hinged front hatch for easy access to the dust bag. The exhaust at the rear of the unit can be ducted outside with the use of an Evaflex hose.

Rated 'M 'Class Dust Extraction filter - with a maximum tolerated exposure value > 0.1 mg/m3 (according to the EN60335-2-69/A2 standard). The unit can be used for extraction of ordinary dust and grinding products in all sectors.

The top shelf provides a useful storage solution for keeping tools and machines conveniently on hand. There are also two side holders to store the extraction hoses so the operator's work area can be kept clear at all times.

An abrasive stand fits onto the back of this unit to provide a complete integrated sanding workstation (S versions).

Comes complete with a 5m hose and filter bag.

	RUKS260		
Power W	2x1000		
Weight Kg	26		
Tool Power, max W	2x800, 1x1600		
Noise dB(A)	72		
Container Volume L	65		
Flow capacity m³/h	260		
Rated Dust Class	Μ		
Connectable Tools	2		
Electrical Outlet for Tools	2		
Air Connections for Tools	P versions		
Connector Attachment	50mm		
Automatic filter cleaning	E versions		
PNEUMATIC VERSION (P versions)			
Vacuum mm/H₂O	2000		

Available versions:

RUKS260E, RUSK260ES, RUKS260EP, RUKS260EPS





#### Dust Bags

023\_1107C / 042\_1108 / 037\_1101C / 001\_1606 RUPES Dust Bags

#### Recommended Bags

Code	Description	Qty/Pack	Models
023_1107C	Paper Filter bag	5	SV10E
042_1108	Paper Filter bag	5	S130 / S145
037_1101C	Paper Filter bag	5	KS260
001_1606	Paper Filter bag	5	S135 / S235 / KX135





037\_1101C

001\_1606



#### RUSP235 RUPES Air Driven Portable Vacuum

Air driven portable vacuum unit for sanding dust and valeting. Thanks to the special Venturi system it operates in any environment where there is no electric power.



	RUSP235
Working pressure Bar	6
Air quick coupling nr	1
Vacuum nozzle nr.	1
Capacity bag Kg	5
Vacuum mm/H₂O	1900
Flow capacity m³/h	100
Weight Kg	8
Max. air flow rate I/min	1000

#### RUKX135 RUPES Pneumatic ATEX approved Vacuum Unit on Trolley

Designed for safe working in potentially explosive atmospheres up to zone 22 (ATEX 99/92/CE). Supplied with 5m Evaflex hose Ø 29 mm, Dust bag 001\_1606/C, Rotating sleeve.



		RUKX135
	Working pressure Bar	7
	Air quick coupling nr	1
	Vacuum nozzle nr.	1
	Capacity bag Kg	5
	Vacuum mm/H₂O	1900
1	Flow capacity m³/h	100
	Weight Kg	30
ł	Max. air flow rate I/min	1000
	Noise dB(A)	78
	Tank Capacity L	20
	Filter Surface m2	0.5

RUKR2

RUPES KR2 Mobile Dust Extraction Turbine 1,5 kW - 2 HP - Twin Operator



Extremely flexible vacuum unit: it's compact, simple to install and it can be easily moved around the working area! This mobile unit suitable for multiple operators offers everything that a bodyshop user needs from a workstation. Compared to some of the smaller dust extraction units available, testing has shown that the vacuum lasts up to 10 times longer on the KR2 without service or repair work.

Two electric or pneumatic tools can be connected to the unit with RUPES flexible suction hoses. The integrated cabinet can be used for storing tools and useful accessories. The perforated board equipped with supports provides quick access to consumables. A wide worktable with rubber surface makes work easy.

Supplied with hose assembly 5 m Ø 29 mm electric, Swing arm, Hose/Cable holder, Storage bay, 2-way union complete with 1 clapet value, Perforated board with hooks set 10 pcs, Reel holder, Dust bag (3 pcs.) 016\_1612 and Air pressure regulator

RUPES tools and accessories (pictured) sold separately.

		RUKR2
	Power W	2x1500
	Weight Kg	115
	Vacuum level max mm/H₂O	2200
	Noise dB(A)	65
	Tank capacity L	23
	Flow capacity m³/h	240
	Filter surface m²	1
	Connectable Tools Nr	2
1	Working pressure bar	6
	Manual filter cleaning	$\checkmark$
	Filter performance LED	$\checkmark$
	ID vacuum nozzle mm	50
	Size (hxwxd) cm	136x98x62

#### RUHE500KIT

#### RUPES 4Hp Turbine Centralised Dust Extraction System

#### Thinking Centralised Dust Extraction?

Think HE500 - the high performance RUPES 4Hp Turbine Centralised Dust Extraction System you can install yourself.

Low maintenance, reliability and long lifetime. Ideal for up to 4 operators and for distances up to 30/35m. Optimised for prolonged use or to be used during several shifts. Designed for safe working in potentially explosive atmospheres, up to zone 22 (ATEX 99/92/CE).

HE500 RUPES Turbine Features:

- Automatic start-up
- 35L Dust container volume
- Front door for easy removal of dust container
- Extremely low noise levels and no vibration
- Services up to 4 Electric or Pneumatic ToolsCan be expanded to up to 6 tools

Complete System includes: 1 x HE500 4Hp Turbine with pump side channel, 2 x PE2A Automatic Multi-functional Service Terminals and 20 Metre Installation Kit (includes all fittings to connect wall units to turbine).

	RUHE500
Weight Kg	135
Filter cleaning: electronic control Rotorjet system	$\checkmark$
Automatic start-up	$\checkmark$
Multifunction display	$\checkmark$
Container volume L	35
ID vacuum nozzle mm	75
Noise dB(A)	68
Filter surface m²	3
Size (hxwxd) cm	148 x 55 x 63
Flow capacity m³/h	390
Vacuum mm/H₂O	2900
Power Hp	4
Power W/hp	3000
Pump side channel technology	$\checkmark$





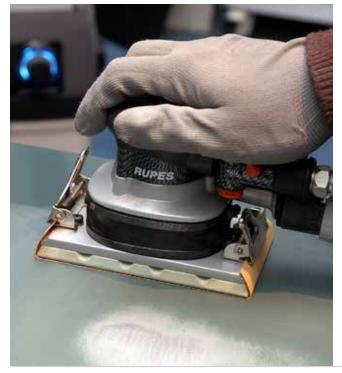


#### RUPES PNEUMATIC TOOLS

RUTE21P RUPES Pneumatic Mini Grinder



RURE21A / RURE21AC / RURE21ALC RUPES Pneumatic Orbital Palm Sanders



Suitable for minor grinding jobs and removal of oxides. Direct transmission mini grinder for discs up to Ø 50 mm. Pistol grip chassis with safety trigger. Simple and easy to handle. Rubber clad grip.



	RUTE21P
Weight kg	0.55
Operating Pressure Bar	6
R.P.M	25000
Air consumption Max I/min	330
Weight kg	0.55
Max abrasive grinding wheel mm	30
Max Roloc disc mm	50
Max Roloc disc mm	50

These models mirror, in pneumatic, the technical features of the RUPES Electric Palm Sander RULE21A and are suitable for metal, wood working and painted surfaces. These pneumatic palm sanders are extremely compact, and combine great power with a high abrasive capacity. Equipped with a speed regulator and a connection to a RUPES external dust extraction system.

	RURE21A	RURE21AC	RURE21ALC
Ø Orbit mm	3	3	3
Pad size mm	80x130	80x130	70x198
/elcro Base	$\checkmark$	$\checkmark$	$\checkmark$
Operating Pressure Bar	6	6	6
R.P.M	0 - 11000	0 - 11000	0 - 11000
ir consumption Max I/min	360	360	360
Veight kg	0.85	0.87	0.85
peed Control	$\checkmark$	$\checkmark$	$\checkmark$
Clips for Abrasives		$\checkmark$	



RURS21A RUPES Pneumatic Delta Orbital Palm Sander



The RURS21A has been created with a light alloy delta base plate intended for sanding in difficult access areas. This versatile and easy to use pneumatic palm sander is suitable for metal, wood and painted surfaces. It is extremely compact, and combines great power with a high abrasive capacity. Equipped with a speed regulator and a connection to a RUPES external dust extraction system.



٦.				
			RURS21A	
Ø Orbit r	nm		3	
Pad size	mm		Delta	
Velcro B	ase		$\checkmark$	
Operatir	ng Pressure	Bar	6	
R.P.M			0 - 11000	
Air consumption Max I/min			360	
Weight I	٨g		0.85	
Speed Control			$\checkmark$	
ecommended Pads				
ode	Ømm	Interface	Holes	
85002	02 Delta Velcro		Multi-hole	

#### RUSLP41A RUPES Pneumatic Long-Base Orbital Sander

The power, the diameter of the orbit and the shape of the baseplate enables fast removal of material, a good surface finish and excellent 'flattening off' on a large flat surfaces. Equipped with a speed regulator and a connection to a RUPES external dust extraction system with an air flow regulation valve to control the suction effect.



#### **Random Orbital Sanders**

RUTA531A / RUTA551A / RUTA562A RUPES Pneumatic Random Orbital Sanders

Modern, powerful, lightweight design capable of maintaining a constant speed even under stress. Easy to use, suitable for flat or curved surfaces requiring a super smooth finish.

Equipped with anti-spinning system to reduce the undesired rotation of the pad and protect the surface from scratches (excludes RUTA562A), speed regulator, and shaft locking system for quick pad replacement.

Fitted with the multihole slim pad with reduced height for increased stability and maximum dust removal capacity. The innovative patented Direct Flow 6+8+1 Velcro pads enables the use with all types of paper (6+1, 8+1, 15 holes).

This model can be connected to a RUPES external dust extraction system, the connection sleeve includes an air flow regulator for controlling the suction effect.

	RUTA531A	RUTA551A	RUTA562A
Ø Orbit mm	3	5	5.2
Pad size mm	150	150	200
Velcro Base	$\checkmark$	$\checkmark$	$\checkmark$
Operating Pressure Bar	6	6	6
R.P.M	4000-10000	4000-10000	4000-10000
Air consumption Max I/min	400	400	400
Weight kg	1.6	1.6	2.0
Speed Control	$\checkmark$	$\checkmark$	$\checkmark$
Pad locking button	٧/	1/	



Recommended Pads					
Code	Ømm	Interface	Hardness	Holes	Tool
981425	150	Velcro	Hard	Multihole Slim	BR-TA-RA
912279	200	Velcro	Hard	8	TA 562A / EK 200A









RURA75 RUPES Pneumatic 75mm Random Orbital Palm Sander



Extremely light and very accurate, designed for quick work on small flat and curved surfaces. Supplied with soft pad to improve the performance of fine abrasives. Tool body designed to provide optimum visibility of parts being worked on. Continuous speed regulation valve.

B	•	Ø Pa Ve Op R.I Ain
		Sp
	Recomm	nen
Code 99000		
		3

	RURA75
Ø Orbit mm	3
Pad size mm	75
Velcro Base	$\checkmark$
Operating Pressure Bar	6.2
R.P.M	0 - 11000
Air consumption Max I/min	380
Weight kg	0.68
Speed Control	$\checkmark$

5

150

 $\sqrt{}$ 

6.2

380

0.95

 $^{\vee}$ 

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Recomme	nded Pads			
Code	Ømm	Interface	Holes	Thread
990003	75	Velcro	0	5/16″

RURA150A RUPES Pneumatic 150mm Random Orbital Palm Sander



Modern, powerful, light weight design capable of maintaining a constant speed even under stress. Equipped with anti-spinning system to reduce the undesired rotation of the pad and protect the surface from scratches, speed regulator, and shaft locking system for quick pad replacement. Fitted with a slimline pad to reach smaller areas. 5mm Orbit for general use. Versatile and easy to use, capable of high abrasive power and of an optimal level of finish. Connects to a RUPES external dust extraction system.



Recomm	ended Pa	ıds			
Code	Ømm	Interface	Holes	Hardness	Fitting
981425	150	Velcro	Multihole Slim	Hard	5/16″
981410	150	Velcro Direct Flow	6 + 8 + 1	Soft	5/16″

RUAK200A RUPES Pneumatic 200mm Planetary Sander



Forced rotation random orbital machine with gearing technology intended for roughing jobs and fast removal of material, including paint stripping and gelcoats from boats. This agile and light machine allows surfaces to be prepared for finishing quickly and quietly without overheating or excessive surface aggression. With continuous speed adjustment. Fitted with anti-spinning system that progressively accelerates the backing plate during start-up, protecting the surface from scratches. Connects to a RUPES external dust extraction system.



	RUAK200A
Ø Orbit mm	5
Pad size mm	200
Operating Pressure Bar	6.2
Stroke per min	4900-11200
Air consumption Max I/min	400
Weight kg	2.3
Speed Control	$\checkmark$

Recommended Pads Ømm Interface Holes Hardness 912279 200 Velcro 8 Hard

#### 'SKORPIO' Random Orbital Palm Sanders

### SKORPIO 3 6 9 12 THE MOST POWERFUL IN HIS CLASS

Small, Silent and Powerful like a Scorpion, This is the new RUPES RH Series Random Orbital Palm Sanders.

Years of design and testing have gone into producing the most significant air tool launch from RUPES in the last 10 years. Made in Italy, this new range of air palm sanders are quiet, powerful, efficient, smooth and affordable tools that set the standard for all to follow. Lightweight and ergonomic design for maximum comfort and control during operation. The latest RUPES pneumatic orbital palm sanders offer high performance results while the new motors consumption has been reduced by 15%. Fitted with a slimline pad to reach smaller areas. Connects to a RUPES external dust extraction system. The SKORPIO range provides a system approach to sanding and is available in the following orbits:

3mm Orbit: Fine Grain - Suitable for final finishing applications done with abrasive grains from P400 up. The reduced orbit, combine with high RPM delivers a high quality finish.

6mm Orbit: Fine to Medium Grain - For general use. The RUPES 6mm orbit is the result of years of filed testing by the RUPES research and development team. RUPES has opted to use a 6mm orbit instead of a 5mm because testing has shown it delivers 20% great efficiency in stock removal. The suggested abrasives grains are between P220 and P360.

9mm Orbit: Medium – Coarse Grain - The 9mm is an amazing machine; it's a very aggressive stock remover but still extremely lightweight and ergonomic for roughing applications, wide surfaces or material removal. The suggested abrasive grains are between P60 and P180.

12mm Orbit: Medium – Coarse Grain - The most powerful SKORPIO. Excellent for fast cutting. Aggressive performance but with low vibration, allows for accurate work control and reduced strain on the operator. Recommended for coarse grain.

	RURH153A	RURH156A	RURH159A	RURH112A
Ø Orbit mm	3	6	9	12
Pad size mm	150	150	150	150
Velcro Base	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$
Operating Pressure Bar	6.2	6.2	6.2	6.2
R.P.M	0 - 11500	0 - 10500	0 - 9500	0 - 9500
Air consumption Max I/min	340	360	370	460
Weight kg	0.75	0.75	0.8	0.85
Speed Control	$\checkmark$	$\checkmark$	$\checkmark$	$\checkmark$



Renowned for decades for producing the best tools in the body shop industry, the new RUPES SKORPIO sander is packed full of technical features and design advances:

#### Patented Switch Lever

The new ergonomically designed switch lever when pressed down, slides the switch lever forward lifting the back, creating a stable support for the hand.

Service Allen Kev

Facilitates quick servicing and pad replacement.

#### Multi-Stage Noise Suppressor

This guarantees the maximum comfort even in long lasting applications. RUPES reached a low noise level (only 78 dB) without affecting the performance making, this one of the quietest palm sanders on the market.

#### Ergonomic

The body is covered with anti-slide rubber. The switch lever is designed to support the operators wrist during operation.

#### High Torque Motor

The new high efficiency air motor uses less air, ensure faster start up and produces higher torque even with larger orbit sizes.

#### Double Bearing Dust Protection and Rotor Support

Designed specifically for heavy duty applications, the SKOR-PIO double bearing set up ensures pad stability and spindle support, increasing the working life. Flats all the way along the spindle support the entire rotor.

#### Anti-Spin System

RUPES Anti-Spin system prohibits free rotation of the pad during start up which removes risk of random scratching when the tool is placed on the job.

#### Multihole Slim Pad

The new RUPES pad, with reduced height, allows you to reach tight areas.



#### Recommended Pads

Code	Ømm	Interface	Holes	Hardness	Fitting
981320	150	Velcro	Multihole Slim	Hard	M8
981330	150	Velcro	Multihole Slim	Soft	M8
981340	150	Velcro	Multihole	Hard	M8
981310	150	Velcro	6+8+1	Soft	M8



## WYATT MACHINE TOOLS

#### PNEUTREND INDUSTRIAL QUALITY AIR TOOLS

#### Sanders & Polishers PN-55010

Pneutrend 10x330mm Belt Sander Shock absorbing belt guidance. Adjustable 360° swivel sanding arm. Handle air exhaust.



Speed R.P.M	18000
Air consumption	80 LPM (2.8cfm)
Air Inlet	1/4″
Noise LpA / LwA	86/97 DB
Length mm	260
Weight Kg	0.9

#### PN-52531-H Pneutrend 75mm Palm Sander

Low profile for easy control. Durable and ergonomic design. Variable speed. 2.5mm Orbit for fine sanding. 75mm Velcro pad.



Speed R.P.M	0-12000
Pad Size mm	75
Orbit mm	2.5
Spindle	5/16″
Air consumption	62 LPM (2.2cfm)
Air Inlet	1/4″
Noise LpA / LwA	75/86 DB
Length mm	120
Weight Kg	0.8

#### PN-50006 Pneutrend 3" Mini Pistol Polisher

Durable and lightweight. Ergonomic pistol grip. Low-noise. Variable speed for maximum control. Includes 3" Pad.



#### PN-55016

Pneutrend 10x330mm Belt Sander Multi position 360° swivel sanding arm. Handle air exhaust.



Speed R.P.M	18000
Air consumption	57 LPM (2.0cfm)
Air Inlet	1/4″
Noise LpA / LwA	84.3/95.3 DB
Length mm	330
Weight Kg	0.9

#### PN-52562-H Pneutrend 150mm Palm Sander

Durable, low profile design for easy control. Variable speed. 2.55mm Orbit for general sanding 150mm Velcro pad.



Speed R.P.M	0-12000
Pad Size mm	150
Orbit mm	2.5
Spindle	5/16"
Air consumption	62 LPM (2.2cfm)
Air Inlet	1/4″
Noise LpA / LwA	75/86 DB
Length mm	215
Weight Kg	0.96

#### PN-50074 Pneutrend 3" Extension Angle Polisher

For work in confined areas. Variable

#### PN-55020 Pneutrend 20x520mm Belt Sander Shock absorbing belt guidance. Adjustable

360° swivel sanding arm. Handle air exhaust.



Pneutrend 75mm Disc Sander

Compact design. Durable and lightweight.

Ergonomic pistol grip. Variable speed for

Weight Kg

PN-54106

maximum control.

Speed R.P.M

Pad Size mm

Air consumption

Noise LpA / LwA

Length mm

Weight Kg

Spindle

Air Inlet

#### PN-55122

#### Pneutrend 20x520mm Belt Sander

Shock absorbing belt guidance. Adjustable 360° swivel sanding arm. Rubber drive wheel minimizes non-woven nylon belt slippage.



Speed R.P.M	20000
Air consumption	76 LPM (2.7cfm)
Air Inlet	1/4″
Noise LpA / LwA	83.1/94.1 DB
Length mm	432
Weight Kg	1.45

#### PN-54051A Pneutrend High Speed Sander

125mm. Ergonomic, gearless. Handle air exhaust.



Speed R.P.M	18000
Pad Size mm	125
Air consumption	88 LPM (3.1cfm)
Air Inlet	1/4″
Noise LpA / LwA	79.5/90.5 DB
Length mm	165
Weight Kg	1.0

#### PN-50180 ρr Pneutrend 3" Random Orbital Polisher

14mm Orbit. Polishes out sanding scratches. Right or left hand operation. Rear exhaust muffler reduces sound levels.



Speed R.P.M	Max 12000
Power	0.26KW (0.35HP)
Air consumption	62 LPM (2.2cfm)
Air Inlet	1/4″
Noise LpA / LwA	78.1/89.1 DB
Length mm	252
Weight Kg	1.2

speed. Includes 75mm Velcro pad.

Speed R.P.M	0-2300
Spindle	5/16″
Power	0.22KW (0.3HP)
Air consumption	60 LPM (2.1cfm)
Air Inlet	1/4″
Noise LpA / LwA	85/95 DB
Length mm	170
Weight Kg	0.7

how to shop: • instore 388 Church St, Penrose, Auckland

	0-2300	Speed R.P.M
	5/16"	Spindle
	0.22KW (0.3HP)	Power
ı	60 LPM (2.1cfm)	Air consumption
	1/4″	Air Inlet
١	85/95 DB	Noise LpA / LwA
	170	Length mm

PN-50075
Pneutrend 7" Angle Polish

Compact and lightweight. Variable speed safety-lock lever throttle. Uses 125mm to 200mm pads. Rear exhaust. Soft-grip handle can be positioned for right or left hand operation.

Р



1.2

18000

75

1/4″

1/4″

130

0.53

0-2500 M14 x 2.0

1/4″

305

2.2

0.52KW (0.7HP)

89 LPM (3.1cfm)

82.6/93.6 DB

76 LPM (2.7cfm)

78.1/89.1 DB

#### Drills and Other PN-33106

Pneutrend 3/8" In-Line Drill For low speed and high torque applications. Rear exhaust.



Chuck Size	3/8″
Speed R.P.M	2600
Spindle Thread	3/8″-24
Air consumption	99 LPM (3.5cfm)
Air Inlet	1/4″
Noise LpA / LwA	82.9/93.9 DB
Length mm	225
Weight Kg	0.78

#### PN-34202A-1

#### Pneutrend 1/2" H.D Reversible Drill

2 Step trigger easy control. Comfortable grip handle. Handle air exhaust.



Speed R.P.M	900
Drill Size	1/2" (13 mm)
Air consumption	71 LPM (2.5cfm)
Air Inlet	1/4″
Noise LpA / LwA	75 DB
Length mm	205
Weight Kg	1.7

#### PN-33120

Pneutrend 3/8" Right Angle Drill For drilling in confined areas. 6-blades-rotor. Handle air exhaust.



Chuck Size	3/8" x 24 Key chuck
Speed R.P.M	1900
Drill Size	1/4" (6 mm)
Air consumption	60 LPM (2.1cfm)
Air Inlet	1/4″
Noise LpA / LwA	87.0/98.6 DB
Length mm	195
Weight Kg	11

#### PN-41102H Pneutrend 190mm Barrel Air Hammer

Cushion grip handle. 10mm Hexagon chisel shank. Front air exhaust.



Chisel Shank	10mm (0.4" ) Hex
Speed B.P.M	3500
Stroke	66mm
Bore Dia.	19mm
Air Inlet	1/4″
Air consumption	56 LPM (2.0cfm)
Noise	103 DB (A)
Length mm	170
Weight Kg	1.5

Pneutrend Surface Preparation Tool Kit

PN-B-82018K

clean operation. Rear exhaust.

#### rill Pneutrend 3/8" Reversible Air Drill Easy 2-step trigger control. Comfortable

PN-33202A

grip handle. Handle air exhaust.



Drive	3/8″
Speed R.P.M	1800
Spindle Thread	3/8″-24
Air consumption	71 LPM (2.5cfm)
Air Inlet	1/4″
Noise LpA / LwA	94.9/105.9 DB
Length mm	190
Weight Kg	1.1

#### PN-82126 Pneutrend 3/16" Air Hydraulic Blind Riveter

Sets rivets in all materials in from 2.4mm to 4.8mm. Sizes of Nose-pieces: 2.4 mm, 3.2 mm, 4.0 mm & 4.8 mm



Stroke	14mm
Air Inlet	1/4″
Air consumption	0.55 CFM
Noise LpA / LwA	79.7/90.7 DB
Length mm	270
Weight Kg	1.8

#### PN-32506 Pneutrend 1/4" Mini Reversible Air Drill

Durable, composite and lightweight body. Ergonomic pistol grip with trigger control.



Drive	1/4″
Speed R.P.M	1800
Spindle Thread	3/8″-24T
Air consumption	76 LPM (2.7cfm)
Air Inlet	1/4″
Noise LpA / LwA	80.9/91.9 DB
Length mm	163
Weight Kg	0.8

#### PN-33501 Pneutrend Spot Weld Drill with Hook

2 Step adjustable depth. Optional HSS drill bits size 6.5 and 10 mm. Rear exhaust.



Speed R.P.M	1400
Air Inlet	1/4″
Air consumption	57 LPM (2.0cfm)
Noise LpA / LwA	79.8/88.8 DB
Length mm	310
Weight Kg	1.8

#### PN-82015

Pneutrend Surface Prep. Tool For removing seam sealer, rust,

corrosion, paint, protective coatings. Paddle Style Trigger . Rear exhaust. Rubber eraser wheel sold separately.



Speed R.P.M	3500
Air consumption	88 LPM (3.1cfm)
Air Inlet	1/4″
Noise LpA / LwA	82.3/93.3 DB
Length mm	277
Weight Kg	1.0

# Speed R.P.M 3500 Air consumption 82 LPM (3.1cfm) Air Inlet 1/4" Noise LpA / LwA 82.3/93.3 DB Length mm 277 Weight Kg 1.0



Excellent for removing seam sealer, rust, corrosion, paint, protective coatings, etc.

Rubber eraser wheel for pinstripe and graphics removal. Paddle Style Trigger for

precise speed control. Integrates with external dust extraction system for safe and



Kit includes:

- 1 x Surface Preparation Tool
- (Central-Vacuum) 82018
- 1 x Hub for Eraser / Wheel A3020
- 1 x Wire Wheel (Steel, Straight Tip) 100mm OD x 23mm W x 0.5mm A3201-MWI
- 1 x Wire Wheel (Steel, Bent Tip) 100mm OD x 23mm W x 0.5mm A3200-MWI
- l x Wire Wheel (Steel, Bent Tip) 100mm OD x 23mm W x 0.7mm
- A3200-CWI 1 x Eraser Wheel
- 105mm OD x 30mm W A3012-1 1 x Stripping Wheel
- 110mm OD x 30mm W A3014-1
- 1 x Blow Mould Case

#### Die Grinders

#### PN-71300

Pneutrend Heavy Duty Die Grinder Rugged design ideal for rapid metal removal, deburring with either a mounted

wheel or rotary burr. Durable. Unique device for quick change between front and rear exhaust.



Speed R.P.M	25000
Collet	6mm (1/4")
Power	0.3KW (0.4HP)
Air Inlet	1/4″
Noise LpA / LwA	79.1/90.1 DB
Length mm	155
Weight Kg	0.5

#### **Cutting & Grinding Tools**

#### PN-80010

Pneutrend 3" Cut Off Tool Handle air exhaust. With protection cover.



Speed R.P.M	20000
Wheel Size	75mm
Air consumption	65 LPM (2.3cfm)
Air Inlet	1/4″
Noise LpA / LwA	88.6/99.6 DB
Length mm	190
Weight Kg	0.8

#### PN-80016 Pneutrend Low-Noise 4" Angle Cutter

Low profile for working in restricted areas. Lightweight design prevents from fatigue.



11000
4″
99 LPM (3.5cfm)
1/4″
84.4/95.4 DB
71
1.0

#### PN-72200 Pneutrend 1/4″ Die Grinder -PneuDigit Series

Digital pressure display. Rear exhaust for low noise level.



Speed R.P.M	25000
Collet	6mm (1/4")
Power	0.22KW (0.3HP)
Air consumption	57 LPM (2.0cfm)
Air Inlet	1/4″
Noise LpA / LwA	79.0/90.0 DB
Length mm	192
Weight Kg	0.52

PN-74100 Pneutrend 1/4" Die Grinder -PneuDigit Series Digital pressure display. Angle head design permits access to difficult to reach



Speed R.P.M         20000           Collet         6mm (1/4")           Power         0.22KW (0.3HP)           Air consumption         57 LPM (2.0cfm)           Air Inlet         1/4"           Noise LpA / LwA         78.4/89.4 DB           Length mm         185           Weight Kg         0.62		
Power         0.22KW (0.3HP)           Air consumption         57 LPM (2.0cfm)           Air Inlet         1/4"           Noise LpA / LwA         78.4/89.4 DB           Length mm         185	Speed R.P.M	20000
Air consumption57 LPM (2.0cfm)Air Inlet1/4"Noise LpA / LwA78.4/89.4 DBLength mm185	Collet	6mm (1/4")
Air Inlet         1/4"           Noise LpA / LwA         78.4/89.4 DB           Length mm         185	Power	0.22KW (0.3HP)
Noise LpA / LwA 78.4/89.4 DB Length mm 185	Air consumption	57 LPM (2.0cfm)
Length mm 185	Air Inlet	1/4″
0	Noise LpA / LwA	78.4/89.4 DB
Weight Kg 0.62	Length mm	185
	Weight Kg	0.62

Pneutrend 5" Angle Grinder

Side air exhaust. Safety lever. Side handle.

11000

125mm

1/4″

230

1.8

M10, M14, 3/8"-24

99 LPM (3.5cfm)

PN-75003

Speed R.P.M

Spindle Size

Air consumption

Capacity

Air Inlet

Length mm

Weight Kg

PN-80037

Pneutrend Air Body Saw

Low vibration. Powerful saw allows you

to cut off the material easily. Guide to

preset the cutting depth. Ergonomic

design for comfort. Includes 1 x 18T/ 24T/ 32T Bi-Metal Saw Blades.

#### PN-71000

Pneutrend 1/4" Die Grinder 6mm Collet. Power regulator. Cushion grip. Handle exhaust.



22000
6mm (1/4")
0.37KW (0.5HP)
62 LPM (2.2cfm)
1/4″
87/98 DB
177
0.6

#### PN-80004 Pneutrend Low-Noise In-Line

Metal Shear For trimming and cutting sheet metal. Heavy-duty cutting blades make clean cut in cold rolled steel up to 20-gauge. Rear exhaust. 1.2mm Cutting capacity for Steel Sheet. 1.6 mm Cutting capacity for Aluminium Sheet.



Speed R.P.M	2600
Air consumption	99 LPM (3.5cfm)
Air Inlet	1/4″
Noise LpA / LwA	80/91 DB
Length mm	240
Weight Kg	1.0

#### PN-80018 Pneutrend Low-Noise 4" Angle Cutter

Unique low profile design suitable for tight areas. Versatile cutting capability for any applications.



Speed R.P.M	11000
Wheel Size	4″
Air consumption	99 LPM (3.5cfm)
Air Inlet	1/4″
Noise LpA / LwA	83.6/94.6 DB
Shaft Length mm	220
Weight Kg	1.2

Strokes per min.	10000
Stroke	10mm
Air consumption	65 LPM (2.3cfm)
Air Inlet	1/4″
Noise LpA / LwA	76.5/87.5 DB
Length mm	193
Weight Kg	0.7

#### PN-82101

Pneutrend Punch & Flange Tool 8mm Punch. 1.6mm Flange capacity.



Flange mm	1.6
Punch mm	8
Air consumption	6 LPM (0.2cfm)
Length mm	135
Weight Kg	0.25

#### PN-80033 Proutrond Air F

Pneutrend Air Body Saw Low vibration. Designed for all types of cutting. Handle exhaust. Cushion grip.



Stokes per min.	5000
Stroke	10mm
Air consumption	160 LPM (5.6cfm)
Air Inlet	1/4″
Noise LpA	70 DB
Length mm	275
Weight Kg	1.0

#### Wrenches

#### PN-12211 Pneutrend 3/8" Closed Head Ratchet Wrench

Handle air exhaust. Non-slip handle. Closed head design prevents ratchet head from deforming.



Drive	3/8″
Max. Torque	81Nm (60ft-lb)
Air Inlet	1/4″
Air consumption	100 LPM (3.5cfm)
Noise LpA / LwA	79.1/90.1 DB
Length mm	245
Weight Kg	1.2

#### PN-14201B

Pneutrend Palm Ratchet Wrench Handle air exhaust. Ideal for confined spaces.



Speed R.P.M	300
Drive	1/4″
Max. Torque	30Nm (22ft-lb)
Air Inlet	1/4″
Air consumption	110 LPM (3.9cfm)
Noise LpA / LwA	85.0/96.0 DB
Length mm	125
Weight Kg	0.45

#### PN-12202

Pneutrend 3/8" Ratchet Wrench Durable, variable speed and reversible air ratchet. The paddle-style trigger provides precise speed control.



Speed R.P.M	175
Drive	3/8″
Max. Torque	68Nm (50ft-lb)
Air Inlet	1/4″
Air consumption	80 LPM (2.8cfm)
Noise LpA / LwA	82.8/93.8 DB
Length mm	265
Weight Kg	1.2

#### PN-22106 Pneutrend 1/4" Mini Air Impact Wrench

Compact design. Durable and lightweight body. Ergonomic pistol grip with trigger control. Convenient fingertip reverse.

Twin dog clutch.

Speed R.P.M	15000	
Drive	1/4″	
Max. Torque	68Nm (50ft-lb)	
Air Inlet	1/4″	
Air consumption	51 LPM (1.8cfm)	
Noise LpA / LwA	80.1/91.1 DB	
Length mm	137	
Weight Kg	0.71	

#### PN-23101 Pneutrend 3/8" Butterfly Impact Wrench

360 degree rotary air connection. Butterfly throttle for single hand control. Side exhaust. Rocking dog clutch.



Speed R.P.M	10000
Drive	3/8"
Max. Torque	102Nm (75ft-lb)
Air Inlet	1/4″
Air consumption	100 LPM (3.5cfm)
Noise LpA / LwA	99.1/110.1 DB
Length mm	171
Weight Kg	1.1

Pneutrend 1/2" Mini Air Impact

Composite light weight handle for

improved comfort. Handle exhaust. 4

Speed forward power setting and max

12000

542Nm (400ft-lb)

65 LPM (2.3cfm)

95.0/106.0 DB 149

1/2"

1/4″

1.3

PN-24230

Wrench

power in reverse.

Speed R.P.M

Max. Torque

Air consumption

Noise LpA / LwA

Length mm

Weight Kg

Air Inlet

Drive

Twin hammer clutch

PN-13216 Pneutrend 3/8" Stubby Ratchet Wrench Great for small jobs. Handle rotation air exhaust.



Speed R.P.M	250
Drive	3/8"
Max. Torque	41Nm (30ft-lb)
Air Inlet	1/4″
Air consumption	80 LPM (2.8cfm)
Noise LpA / LwA	85.8/96.8 DB
Length mm	165
Weight Kg	0.5

#### PN-A2305T Pneutrend Grease Dispenser Head with Grease

Servicing kit for the long-life maintenance of Twin-hammer impact systems. 100g (3.5 oz) grease tube. With 30° and 90° Grease Tip.



#### PN-B-13230K

#### Pneutrend Thru-Hole Ratchet Wrench Kit

The thru-hole socket and extenders eliminate the need for deep socket. Simple flip ratchet head to change directions.

- 26 Piece Kit includes:
- 1 x Stubby Thru-hole Ratchet Wrench 1 x 1/4" Bit Holder
- 3 x Adaptors : 1/4", 3/8" & 1/2" Dr.
- 1 x Carry Case
- , 10 x Thru-hole Sockets:

(8,10,12,13,14,15,16,18,19 & 21 mm) or (5/16",3/8",7/16",1/2",9/16",5/8", 11/16", 3/4" & 13/16") 10 x Bits: (#1, #2, #3, Hex. 4mm, Hex.

6mm, Slot 4.5 mm, Slot 7mm, Star 25, Star 30 & Star 40)



Drive	1/4″
Max. Torque	41Nm (30ft-lb)
Air Inlet	1/4″
Air consumption	87 LPM (3.1cfm)
Noise LpA / LwA	93.0/104.0 DB
Length mm	130
Weight Kg	0.55

#### PN-B-24200K

#### Pneutrend 1/2" Impact Wrench Kit

Composite lightweight handle for improved comfort. Handle exhaust. 4 Speed forward power setting and max. power in reverse. Twin hammer clutch.

Kit includes:

- 1 x 24200 1/2" Impact Wrench
- 3 x Sockets (17mm , 19 mm & 21 mm)
- 1 x Carry Case





Drive	1/2"
Speed R.P.M	8000
Max. Torque	880Nm (650ft-lb)
Air Inlet	1/4″
Air consumption	113 LPM (4.0cfm)
Noise LpA / LwA	95.9/105.9 DB
Length mm	184
Weight Kg	2.2



#### WIRBEL

Industrial Wet & Dry Vacuums Wirbel is a leading European brand of affordable, high quality, industrial strength vacuum cleaners. These high performance wet and dry vacuums offer large capacity and are supplied with metal wand, hose and cleaning head / attachments and 10m cable.

#### WIR829P / WIR829I / WIR829IRE Wirbel 829 Wet & Dry Vacuums

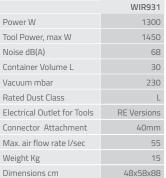
Model 829 is a high performance, low noise wet and dry vacuum with compact size. With a 1000 watt motor this vacuum is both quiet and powerful . The tank is mounted on an ABS base which is easily transportable with 4 rotating castors. Paper filter bag. Standard accessories include hose, squeegee tool, floor tool, round brush, crevice tool. RE Models include an electrical socket designed for use in combination with power tools. Auto / manual start feature.



The 931 model is a compact high performance, low noise wet and dry vacuum with stainless steel tank mounted on a fully tipping chassis for ease of emptying. Frame with two fixed wheels and two rotating castors. Paper filter bag. Standard accessories include hose, squeegee tool, floor tool, round brush, crevice tool. RE Models include an electrical socket designed for use in combination with power tools. Auto / manual start feature.



Available Versions: WIR829P Plastic tank, 9Kg Stainless steel tank, 9.6Kg WIR8291 WIR829I RE Stainless steel tank, electrical socket. 9.6Kg







Available Versions: WIR931I Stainless steel tank WIR9311 RE Stainless steel tank, electrical socket

#### WIR935P Wirbel 935 Wet & Dry Vacuum

A high performance, large capacity wet and dry vacuum cleaner. Model WIR935P has a plastic tank mounted on a new robust metal trolley with 2 fixed wheels and 2 rotating castors. Standard accessories include hose, squeegee tool, floor tool, round brush, crevice tool.

	WIR935
Power W	1300
Tool Power, max W	1450
Noise dB(A)	62
Container Volume L	54
Vacuum mbar	230
Rated Dust Class	L
Connector Attachment	40mm
Max. air flow rate l/sec	55
Weight Kg	20
Dimensions cm	48x48x88

#### WIR938IRE Wirbel 938 Wet & Dry Vacuum

The 938 model is the most powerful Wirbel Wet and Dry vacuum in our range, with 1500W power. With a stainless steel waste tank mounted on a fully tipping chassis for ease of emptying, and 2 fixed wheels and 2 rotating castors.

The special 3-stage high output motor ensures low noise levels. This model includes an electrical socket designed for use in combination with power tools such as sanders and grinders. Auto or manual start option. Standard accessories include hose, squeegee tool, floor tool, round brush, crevice tool.

	WIR938	
Power W	1500	
Tool Power, max W	1700	
Noise dB(A)	62	
Container Volume L	40	
Vacuum mbar	250	34
Rated Dust Class	L	
Electrical Outlet for Tools	RE Versions	
Connector Attachment	40mm	
Max. air flow rate l/sec	65	
Weight Kg	23	
Dimensions cm	48x48x88	
	Å	Wirhel







Available Versions: WIR935P Plastic tank mounted on trolley



#### **PROFESSIONAL HEAT TOOLS**

#### **Plastic Welding Tools & Accessories**

#### TRIACST / TRIACAT

#### Leister TRIAC Hot Air Plastic Welding Tools

Plastic welding made easy. All Leister hot air tools are manufactured in Switzerland and meet strict international standards. The TRIAC Hot Air Tools from Leister are primarily used for welding and processing plastic. These hot-air tools are suitable for welding thermoplastics, heating, drying and shrinking, making it ideal for the flooring industry.

Push-fit exchangeable nozzle change. Light and easy to handle - the sturdy, professional hot-air tools that weigh less than 1 kg. Ergonomically designed handle with soft grip covering for secure hold. Electronically protected heating element. Convenient and reliable temperature adjustment. Built-in start-up protection. Model TRAICAT includes a digital display.

	TRIACST	TRIACAT	
Temperature C	40° F - 700° F	40° F - 650° F	
Power W	1600	1600	
Digital Display		$\checkmark$	
Weight Kg	1.0	1.0	
			TRIACST





Digital Display Temp. Setting (AT Model) Spare Heating Element

#### Plastic Welding Rods & Accessories

Pp	r l	l h	n	iŧ
		<u> </u>		

Fei Onic	
	Steinel 9mm Reduction Nozzle
STHE010370	(fits STHG2310LCD and STHG2300E
TSPP3	Polypropylene 3mm coil 25 metre, Black
TSPP8	Polypropylene 8mm coil 25 metre, Black
TSPP13	Polypropylene 13mm coil 25 metre, Black
TSEPDM3	PP/EPDM 3mm Round 25 metre Black
TSEPDM8	PP/EPDM 8mm Round 25 metre Black
TSEPDM13	PP/EPDM 13mm Round 25 metre Black
TSABS3	ABS 3mm Round 25 metre Coil Black
TSAB58	ABS 8mm Round 25mtre Coil Black

We can order any other plastic rods you require.

5mm Universal Nozzle



Complete with 3 pack 8mm stainless steel needles

#### STGG3002 Steinel Glue Gun

German quality, high performance hot-melt adhesive application. The exclusive PTC (positive temperature control) electronic heating system ensures the ideal bonding temperature for extended periods of time, providing precise, continuous glue output.

#### Features:

- Easy to use, system for consistent flow
- Aluminium heating chamber retains heat for increased volume
- No-drip nozzle won't ooze hot glue
- Lightweight construction for comfortable use



#### STHG2300E Steinel Industrial Heat Gun with Electronic Thermocouple Control

German quality, made in Europe for unmatched precision and performance. Steinels HG2300E heat gun combines powerful output with an ergonomic, easy to use design. Variable temperature and continuously adjustable airflow control ensure a perfect job every time. The HG 2300E features ultra quiet operation, fast heat-up, and thermocouple control enabling you to reduce air to a pinpoint. Its modular construction is easy to repair, with heating element and power cord both conveniently field-changeable. High-performance, long life brushless motor. Easy-to-change heating element and power cord. Includes 9mm reduction nozzle.



STHG2310LCD Steinel LCD Plastic Repair Welder



German quality, made in Europe for unmatched precision and performance. Steinel Professional Heat Guns are indispensable tools for professional trades people. Start of the art technology makes these ideal for welding and repairing plastics, fitting shrink tubing, shaping thermoplastics, and stripping paint.

Steinels new HG 2310 LCD model features independently variable temperature and airflow. It comes with four programmed settings for rapidly adapting output to common applications. These programmes may be customised to suit users requirements. All Steinel Electronic Heat Guns incorporate a temperature sensor at the tip of the output nozzle. The result is extremely accurate temperature control as well as increased life.

The LCD display enables temperature selection in 10°F increments. Electronically controlled hot air gun with continuously variable temperature from 120° F - 1200° F and a LCD continuous temperature output indicator. Continuously variable air flow from 3.6 to 17.6 cfm. 1600 Watts. Rubber power cord and stand. Soft grip handle. Dual air filters. Double insulated. The DuraTherm™ Ceramic encapsulated coil heating system ensures even heat distribution and long life.

		iong lire.
120° F - 1200° F	Temperature C	iong inc.
3.6-17.6 cfm	Airflow	
Cool air, variable temp. & airflow	Switch	
4 Customizable pre-set	Programs	
1600	Output W	
6ft	Power cord	
2.2	Weight Ibs	



Connectors Shrink Tubing Forming Plastic Shrink Tubing Bending Plastic

STHG2310LCDK Steinel LCD Plastic Repair Welder Kit



Kit Includes: STHG 2310 LCD Heat Gun, Welding Iron, 9 mm Reducer, 20 mm Reducer, 2 pcs Wire Mesh, 16 pcs ThermoFlex™ Rod, Temperature Guard, Guide Book and Case.

#### STHL1920E

Steinel Professional Electronically Controlled Hot Air Tool



German quality, for unmatched precision and performance.

Steinels HL 1920E is a high-precision tool, perfect for welding bumpers and plastics, cable stripping, soft soldering, paint stripping, heating rubber and more.

Perfectly balanced tool makes it easy to use with only one-hand. 200 Watts, and an adjustable temperature range of 80 °C to 600 °C. Airflow rate adjustable in three stages (150 / 150-300 / 300-500 l/min.).

Technical Specifications:	
Temperature C	80º - 600º
Temperature Setting	Variable in 9 increments
Airflow Rate cfm	Setting 1: 150 l / min.
	Setting 2: 150 - 300 l / min.
	Setting 3: 300 - 500 l / min.
Power Consumption W	2000
Power cord Length	2.2m
Weight Kg	0.85





Well Balanced 3 Stage Aif Flow





#### SPRAY EQUIPMENT



Touch Up Spray Gun WYAFR200 1.0mm



1 Litre Suction Spray Guns WYA109-035-14 1.4mm WYA109-035-20 2.0mm



2 Litre Air Wax Sprayer WYA016-047 1.4mm



Industrial Mini Pump Spray Bottle 1 Litre capacity. WYA040565



1.2mm Spray Gun Kit 2 1/4 Gallon pressure tank. WYA5P-156

Air Spray Gun Suction Feed

1.5mm. With 1L Aluminium cup.

WYA089-071



HVLP Air Gravity Feed WYA298-003-17 1.7mm



2 Litre Pressure Pot WYA060-010



WorkQuip Spray Gun Kit Includes 1.8mm and 2.5mm Stainless steel fluid nozzle. 1L dripless spray pot. WKQUIPHIGH



Pneutrend Digital Regulator Digital pressure display helps provide precise colour matches and reduce orange peel. PN-A2099



Spray Gun

WYA089-102 1.4mm

4 Litre Pressure Tank WYA069-001



Air Boy Underseal Gun 1.2L Capacity. Made in Denmark. AIUSG 1.2L Gun AIUSGE Gun Extension



18 Piece Spray Gun Cleaning Set WYA115-076



9" Caulking Gun 7.2 Volt. WYA-C0024-008



protection and sound

proofing treatments.

PN-82200

Air Boy Dust Gun Made in Denmark. AIDG



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#### **INFRARED EQUIPMENT**

#### WYA042-002

#### 2000 Watt Medium Wave Infrared Curing Machine with Timer

Paint curing machine featuring medium-wave halogen tubes. Height adjustable stand.

#### WYFY5000L

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WYFY3WH

#### Fy Tech Multifunctional Digital Short Wave Infrared Paint Curing Lamp

Equipped with 4 x 1000W short wave infrared halogen tubes. Automatic device with a digital operation panel and LCD display electronic functions. Hydraulic lifter with an independent switch and pivoting head. Regular and pulse preheat curing function. Adjustable temperature range 40-100 C are automatically controlled by easy to use timers (0-99 min) and an automatic distance and temperature sensors allows quick, precise setting of the distance to the panel. Each emitter can be independently controlled. Suitable for curing two-pack and most waterborne paints.

#### WYFY2AT / WYFY3WH Fy Tech Short Wave Infrared Paint Curing Systems

Fully-automatic device, equipped with LED electronic adjustable timer (0-99mins) and adjustable power settings. With pulse ultrasonic paint curing function. Hydraulic lifter with an independent switch and 360° rotation. Each emitter can be independently controlled. Automatic overload protection.

WYFY2AT 2 Short Wave Infrared 1000W Halogen lamps WYFY3WH 3 Short Wave Infrared 1000W Halogen lamps



#### SPE-U351034 Survivair Half Mask Spray Painters Kit

Safety-first protection from harzardous dust, fumes and vapours of spray painting and welding. Made from comfortable, pliable silicone to prevent oxidation and loss of elasticity.

#### Kit includes:

WYFY5000L

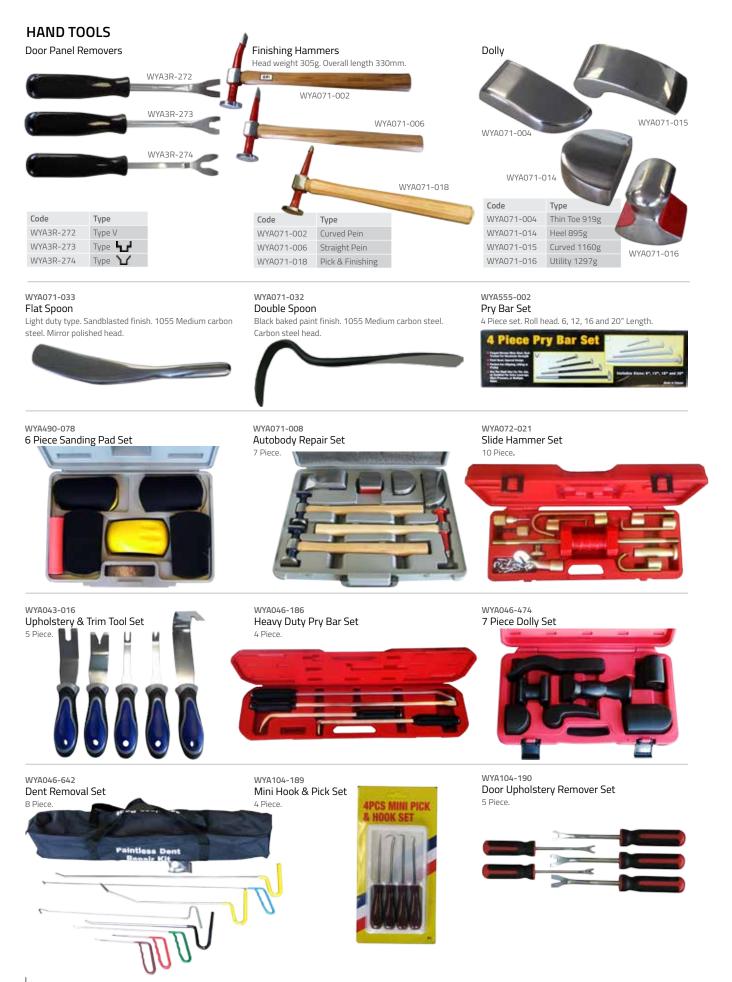
- Survivair 3000 half mask
- 2 x Organic A2 Vapour cartridges
- (SPE-100100) 2 x P2 prefilters (SPE-101000)
- 2 x Retainers (SPE-140079).
  - \_\_\_\_\_

#### SPE-DMAK-0201 Honeywell Air Visor2 MV Refinishers Spray Kit

WYFY2AT

SAR with additional spray gun hose assembly and clear acetate visor to protect against chemical splashes. Proven safety solution when you need clean, compressed air from a source outside the contaminated area. Air passes through the airline to the face piece or hood, with continuous flow creating increased pressure which cools the face and reduces fogging.







#### **STANDS & STORAGE SOLUTIONS**

#### WYFY802A

#### Fy Tech Tool Cabinet

Heavy duty construction. Drawers equipped with heavy-duty ball bearing slides for long life and stronger extension ability. 800 x 485 x 1020mm.

#### WYFY904

WYA-C409-002

Fy Tech Tool Cabinet Heavy duty construction. Drawers equipped with heavy-duty ball bearing slides for long life and stronger extension ability. 800 x 485 x 1010mm.

#### WYFY907E

#### Fy Tech Tool Cabinet

Heavy duty construction. Drawers equipped with heavy-duty ball bearing slides for long life and stronger extension ability. 1170 x 485 x 1010mm.





WYA1T232 3 Shelf Trolley Tray size: 745w x 442d x 75mm h. With wheels.



2 Door Cabinet Lockable. With wheels. Size: 650w x 380dx720mm h.



WYA-C409-003 Tool Cart with 2 Drawers Lockable. With wheels.



WYA229-114 Tool Cart with Sliding Top Lockable. With wheels.



WYA096-003 48 Drawer Heavy Duty Parts Cabinet (CarKlips sold separately.)



OMART250 OMCN Jolly Trolley The moving of vehicles without front or rear mechanics is no longer a problem. Nylon wheels.







#### **BODY REPAIR EQUIPMENT**

#### ALELPWR

#### Albatros Electro-Power Body Repair Standard Kit

14.4V Battery operated. Pulling power: 5 Ton. Pushing Power: 5 Ton. Piston stoke: 130mm.



#### ETSFDS

#### Evotec-Swiss Fast Drill Spot Weld Removal Set

Designed for the ultra-fast drilling off welding points on high and ultra high strength steels. The pneumatic piston is supported by a manual mechanism for increased pressure to the surface. Fastdrill can be adjusted so that the drill bit is not turning before it touches the surface to avoid the carbide drill bits from breaking. A newly developed transmission avoids the drill bits overheating, extending their lifetime. Fastdrill in combination with the Kamatec Duradrill bits is able to drill high strength steel up to a hardness of 62 HRC (Rockwell). Made in Switzerland.







#### YAYS30 Yashima 'Stud-Matic ' Electric Dent Pulling Machine

For single sided welding of maximum 0.3mm (27 ga.) stainless steel. Also performs Heat Shrinking, Dent Pulling, Hole Filling, Nut & Bolt Welding, and Restoring High Spots

Complete with an electrode-tipped slide hammer for quick dent removal, tips for washer welding and shrinkage, a carbon rod and a portable trolley for easy mobility.

	DEC420S
Input voltage	AC200-240V 50/60Hz
Max power	16kVA
Fuse (delayed action)	30A no-fuse breaker
Control system	Thyristor control
Ratio of use	4%
Single side welding	Stainless steel plate 0.3mm thickness
Stud welding	Washer, pin & heat shrinkage jobs
Configuration	
Dimensions (HxWxD) approx:	194x185x260mm
Weight approx.	20 Kg
Cable length	6m





#### KAMFLA440000 Kamatec Flatpad Panel Repairing System

A pneumatic panel repair system specifically designed for removing dents from car body panels in hard to reach places. Damage is removed by placing rubber airbag pillow behind the damage and inflating it with the special gun. Made in Switzerland.

Kit includes S,M,L pads :120 x 100mm (60mm Max. Height inflated), 200 x 150mm, (90mm Max. Height inflated), and 250 x 200mm (120mm Max. Height inflated).and airgun with deflating valve.



#### OMART610 OMCN Pull Belt Kit 610

High resistance polyester belts suitable for a range of pulling operations, including car body repairs. Double band strengthening seams. Terminal holes with internal stiffening. Protective sheath. Band height 65mm.



#### OMART256

OMCN Hydraulic Jack - 1.6 Ton Capacity

Exceptionally solid and easy to handle. Fitted with an automatic overloading valve and hand descent control.



#### OMART355 / OMART356 / OMART353 / OMART354 **OMCN** Porter Power Kits

Kit includes extension pipes, quick coupling accessories with thread on cylinder, with check valve and metal box.

Per	Unit	
ON	IART355	6 Ton Kit
ON	ART356	6 Ton Kit with

Pe

01111 111 0000	o forfilit
OMART356	6 Ton Kit with Hydraulic Spread
OMART353	12 Ton Kit
OMART354	12 Ton Kit with Hydraulic Spread





#### OMART1120E / OMART1120F OMCN Hydraulic Jacks - 2.0 Ton Capacity

Fitted with double pivoting rollers suitable for moving vehicles across floors with grates. Polyurethane wheels.



#### OMART5521

#### OMCN 3 Ton Electro-hydraulic Twin-Scissor Lift

Top quality components. Made in Italy. CE approved with electromagnetic compatibility. Recommended and used by the most prestigious vehicle manufacturers. 3 Ton capacity. Compact floor model. Electro-hydraulic rapid working. Drive ramps convert to standing



#### **OMCN Chains & Hooks**



OMCN Chain with Hook OMART301 2 Metre OMART303 3 Metre



OMART316 OMCN Hook with Fork Coupling



OMART309 OMCN 2M Chain with Claw Hook



OMART317 OMCN Claw Hook with Fork Coupling



OMCN Giant Anchor Plates - Pair

OMART090

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OMART323 OMCN Chain Joiner & Shortener



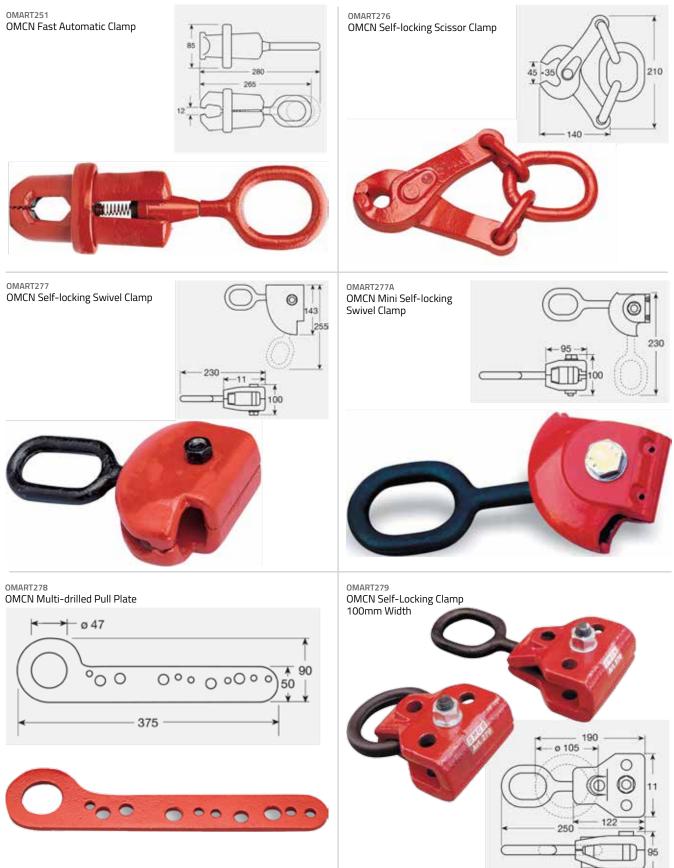
OMART319 OMCN Twin Claw Hook

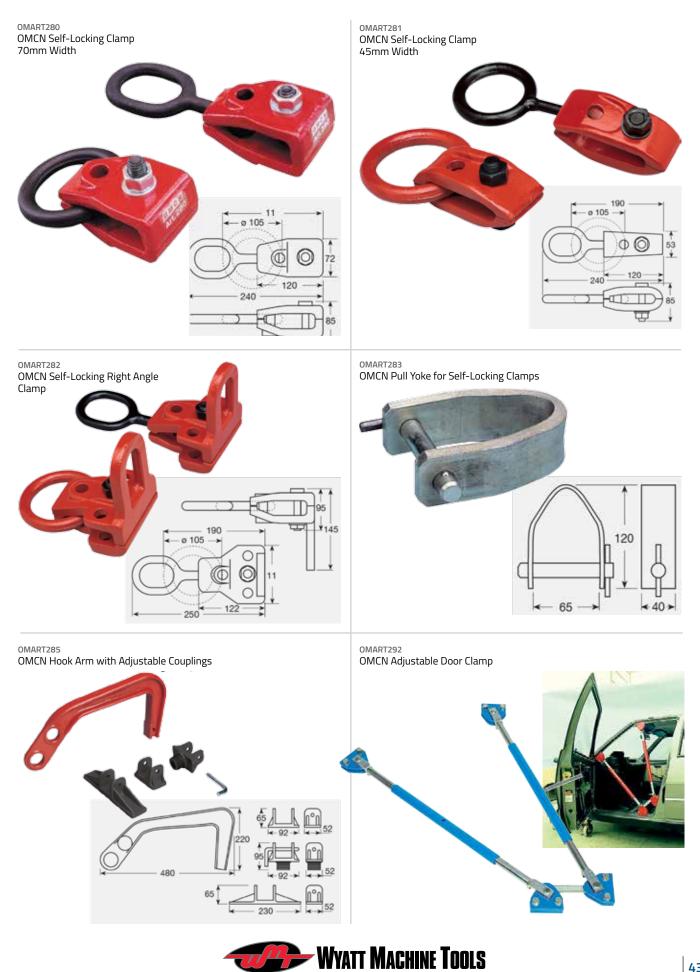


OMART318

**OMCN** Twin Hook

#### **OMCN** Clamps





#### WELDING EQUIPMENT

#### AWMIKROMIG

#### Awelco Mikromig 2500 Inverter Welder

Made in Italy. A single phase inverter welder. MIG, MMA, TIG, MAG, MOG. For use with steel, stainless steel, HSS steels, aluminium and alloys. Equipped with pulsed arc and controlled by microprocessor equipped with burnback to eliminate welding wire from sticking. Features include: Gas / no gas option, Wire feeder, Ramp up, Pre-gas time, Frequency and pulse width, Regulator.



#### DEC420S

#### Deca D-Mig 420S 200 Amp Single Phase Mig Welder

Manual wire feed welding (2 steps). Overload protection. ON/OFF switch to turn off the machine without changing the power adjustment. Wheeled welder. Equipped with Euro connection torch.

DEC420S

MIKROMIG 2500	MMA	TIG	MIG
Voltage V	400		
Frequency Hz	60		
Absorbed Power 60%	3.6KVA	2.7KVA	3.2KVA
No-load voltage V	100	60	60
Welding current 60%	20A/20.8V- 200A/28.0V	20A/10.8V- 240A/19.6V	35A/15.8V- 220A/25.0V
Duty Cycle 40°	200A @ 20%	240A @ 20%	220A @ 20%
Duty Cycle 20°	200A @ 35%	240A @ 35%	220A @ 35%
Wire Spool mm			100-200-300
Wire mm			0.8 -1.2
Steel mm			0.8 - 1.2
Stainless Steel mm			0.8 - 1.2
Aluminium mm			0.8 - 1.2
Flux Cored Wire mm			0.8 - 1.2
Min Electrode mm	1.6		
Max. Electrode mm	5.0		
Configuration			
Dimensions (LxWxH):	930 x 275 x 760	mm	
Weight approx.	40 Kg		
Protection class	IP 21		
Insulation class	Н		

#### DEC520SD

#### Deca D-Mig 520SD 180 Amp Single Phase Mig Welder

- 0

MIG MAG wire feed welder featuring:

- Self adjusting Wire Speed System
- Equipped with SIMPLE WELD digital synergic technology
- For mild steel solid wire or mig braze-wire Cu Si3 / Cu Al (to weld HSS, EHS, UHS and BORO STEEL), aluminium Mg / Si.
- ON/OFF switch to turn off the machine without changing the power adjustment
   Overload protection

							and BORO STE
volt 50/60 Hz	1 Ph x 230					· · ·	ON/OFF switcl
Fuse Amp	20					· · ·	Overload prote
Installation Power Kw	2.5 @ 60%				100		
Open circuit voltage V	33						
Welding current range	35 - 200						
Duty Cycle 15%	180A @ 15%				•		141111
Duty Cycle 60%	100A @ 60%						D-mig
Duty Cycle 100%	80A @ 100%						52050
Welding positions N°	6						adecos
Wire Suitable Spool mm	200 - 300					h.	
Steel wire mm	0,6 - 1,0					100	400
Stainless steel wire mm	0,8			n.		V	0
Aluminium wire mm	0,8 - 1,0			141			
Configuration							
Dimensions mm	410x710x540	-					STREET, SOL
Weight approx.	39 Kg	1.00	-				TRANSPORT
Protection class	IP 21	•					
Insulation class	Н				44	<b>D</b> .	
	and the second s					2	6

	DEC520SD	
volt 50/60 Hz	1 Ph x 230	
Fuse (Amp):	16	
Installation Power Kw	2 @ 60%	
Open circuit voltage V	34	
Welding current range	40 - 180	
Duty Cycle 20%	150A @ 20%	
Duty Cycle 60%	90A @ 60%	
Duty Cycle 100%	75A @ 100%	
Welding positions N°	6	
Wire Suitable Spool mm	200 - 300	
Steel wire mm	0,6 - 1,0	
Stainless steel wire mm	0,6 - 1,0	
Aluminium wire mm	0,8 - 1,0	
CuSi - CuAl wire mm	0,8 - 1,0	
Configuration		
Dimensions mm	505x840x765	
Weight approx.	47.5 Kg	
Protection class	IP 21	
Insulation class	Н	

#### CAR-O-LINER

#### Welding and Heating Solutions

CACMI161 Car-O-Liner CMI161 Mig/Mag Welder

The CMI161 is designed as a compact and portable multi-functional welding machine, primarily for MIG welding but also for the MMA welding process; a modern single-phase 230V inverter machine suitable for workshop use and site welding operations. Anytime, anywhere.

The machine is single-phase (230 V) and has  $\mathsf{PFC}-\mathsf{Power}$  Factor Correction – to allow you to weld with a long mains cable or a generator as your power source.



#### MIG with built-in intelligence

Just switch on, press and weld!.... Select MIG directly on the digital control panel. Enter the wire/gas combination ... CMI161 sets all other parameters.

#### MMA welding and simple TIG

With an MMA electrode holder (optional accessory), CM161 uses standard electrodes of up to 3.2 mm. The Hotstart and Arc Force help functions are built in. With a TIG torch (optional accessory), the welding machine also handles the most standard TIG welding jobs – with simple scratch ignition.

#### MIG-A Twist® the new firing generation

The swan neck rotates 360° for ultimate functionality and comfort. MIG-A Twist, with or without adjustment from the welding handle (optional), is the ultimate match to the Automotive machine's function panel. Ignite – push – weld!

#### Technical Specifications:

	CMI161
Input voltage + / - 15%	230V , 50-60Hz, 1-ph
Fuse	16A
Current Range	20-160A
Open Circuit Voltage	90V
Duty Cycle 100% at 60oC	145A
Duty Cycle 100% at 40oC	165A
Voltage Steps	Stepless, synergic
Wire Dimensions	0.6 - 0.8 mm
Wire Reel Dimensions	5 kg
Wire Reel Speed	Synergic
Protection class	IP223
Weight	13 kg
Dimensions LxWxH, cm	45 x 23 x 37



Features & Benefits:

- Compact and Portable technicians move easily around the workshop
   Power Factor Correction allows welding with a long mains cable or a generator as power source.
- Easy to use Enter wire/gas combination and the synergic welding program calculates the rest
- Versatile Handles MIG and TIG (most) welding jobs
- Fast with accessories that speed up the welding process MMA
  Electrode holder, TIG Torch and much more
- Complete room for 5kg wire spools, welding and brazing
- Easy to update program with SD Card





#### CACMI223 / CACMI223TWIN Car-O-Liner CMI223 Mig/Mag Welders

The super versatile CMI223 can handle all types of MIG/MAG welding, from the most demanding to the simplest, using small or large wire reels. And the CMI223 Twin allows for quick movement from one welding moment to another. Simply adjust the main parameters and the machine will quickly optimize the rest - you'll be operational in no time!



# 

#### Features & Benefits:

#### Compact, easy to use

- Matches new materials and individual user-patterns in all welding environments
- Synergy program decreases the risk of error
- MIG-brazing for galvanized steel
- 4- wheel drive with sure-grip
- Standby (30 W) saves energy, CO2 and increases the lifetime of the machine
- Remote control using the Mig-A-Twist welding torch



#### Stepless, digital, compact

Car-O-Liner's CMI223 is a stepless, totally digital welding machine with advanced welding qualities that give synergy between the parameters and the automatic functions. It is extremely user friendly, simply adjust the main parameters and the machine will quickly optimize the rest — you'll be operational in no time!

#### Step free MIG/MAG inverter with built in advantages

In order to achieve the greatest possible quality in MIG/MAG-welding CMI223 are equipped with a permanent 4-wheel drive that ensures a precise and stable wire feed. It is characterized by perfect arc ignition – every single time – and unique welding qualities, using either CO2 or mixed gases - no matter if you are welding in black steel or aluminium!

#### CMI223 Automotive Twin

The CMI223 Twin allows for quick movement from one welding moment to another. Simply adjust the main parameters and the machine will quickly optimize the rest!

#### Technical Specifications:

	CMI223	CMI223TWIN
Input voltage + / - 15%	3 x 400V	3 x 400V
Fuse	10 A	10 A
Duty cycle 100% at 40° C	165/22.3	165/22.3
Duty cycle 60% at 40°C	175/22.8	175/22.8
Duty cycle 100% at 20°C	220	220
Current Range A	5-230 A	5-230 A
Dimensions (HxWxD) approx:	660x380x790	960x600x850
Weight approx.	26 Kg	41 Kg
Protection class	IP23S	IP23S

#### CACMI273 / CACMI273 TWIN PULSE Car-O-Liner CMI273 Twin Mig/Mag WelderS

#### Compact, fully digitised welding machine with synergic, preset welding programs and automated functions.

#### Robust for Advanced Welding

With auto-pulse technology for advanced pulse welding of aluminum and pulse brazing of high-tensile steel. Designed for all materials and individual welding applications, including high strength steel. The exceptional 4-wheel wire feed system provides a smooth, reliable wire feed even on softer wires such as aluminum or MIG brazing.

#### Digital Synergic Control Panels

Switch On - Press - and Weld!

#### Twin Torch Versatility

With two torches, the CMI273 Twin offers easy switch-over between welding and brazing operations without having to change hoses, wires, wire drive rolls or gas.

#### Choose Your Power

The welder is capable of operating on single or three phase power.

#### Extend your reach with the MIG-A Twist® welding torch

Comes with the MIG-A Twist torch. The unique, rotatable swan neck of the MIG-A Twist allows access to hard-to-reach places. It is possible to mount different modules on top of the torch for adjustment of the most important welding parameters.

#### CMI273 TWIN PULSE Version:

Auto-Pulse Technology gives optimal strength in every weld in aluminium and high tensile steel. The 'Pulse Boost' offers synergic pre-set welding programs and automated functions.

#### Technical Specifications:

	CMI273	CMI273 TWIN PULSE
Input voltage + / - 15%	1 or 3 x 230V	1 or 3 x 230V
Fuse	10 A	10 A
Duty cycle 100% at 40° C	175/22.8	175/22.8
Duty cycle 60% at 40° C	195A	204/24.3
Duty cycle 100% at 20° C	230A	230
Duty cycle 60% at 20° C	245	245
Current Range A	10-270	15-270
Dimensions (HxWxD)mm:	550x250x640	960x570x870
Weight approx.	26 Kg	55 Kg
Protection class	IP 21	IP 21



#### Features & Benefits:

CAR-O-LINER

- Protects heat-sensitive metals with Auto-Pulse technology (Pulse version)
- Saves time with synergic pre-set welding programs
- Conveniently adjust the weld setting right from the torch
- Reliably feeds soft wires like aluminum with a precise 4-wheel wire feed
- system
   Comfortably accesses hard-to-reach places with adjustable MIG-A twist torch
- Efficiently switch between key materials with the Tin Wire Feed System
   on CMI273 Twin just a click away
- User friendly, flexible and mobile due to compact design & low weight
- Energy saving standby function (15-30W idling) gives less CO2 emission and long component life

CAR-O-LINER





#### CACTR12000 Car-O-Liner CTR12000 Spot Welder

#### Totally Automatic Spot Welding Machine

Designed to simplify vehicle collision repair, the high power, medium frequency inverter operation of the CTR12000 is ideal for today's newer materials, including high, ultra-high, and laminated steels. The process-regulated system provides true quality assurance.

#### Product Benefits:

- Automatic recognition of total material thickness via Pulse-Sonar-System
- Automatic recognition of material type via Virtual Generator
- Automatically establishes required settings to ensure the proper weld nugget
   Advanced quality control system that monitors and adjusts the welder to
- guarantee the total energy input
   Powerful with welding current up to 12,000 Amps
- Greater Power Efficiency via the 15 kHz Transformer C-Gun
- Completely liquid-cooled welding, from the power module all the way to the caps, providing a greater Duty Cycle
- Easily upgraded via convenient USB port
- Reproducible welding quality
- Welding data documentation with the use of WinSpotQS-Software



#### "Virtual Machine" - Programmable Intelligence

The term "Virtual Machine" refers to innovative control technology. The integrated quality assu-rance management system monitors the joining process from start to finish; starting with a defini-tion of the initial weld situation, monitoring and adjusting through the weld and ending with the completion of the weld.

The system can recognize and adjust for specific situations such as bonding material and shunt effect. Rather than having a fixed pre-pulse, the welder uses a dynamic pre-pulse feature which recognizes actual burn through.

> Technical Specifications: Spot Welder CTR12000

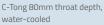


Max voltage 3 x 400V 50 Hz Max power 75kVA Fuse (delayed action) 16-32 A Protection class IP 21 Insulation class F Compressed air supply 8 bar (116 PSI) Power Unit for Transformer Gun (15 kHZ) Output current 0-200A Output voltage 560V Cooling Cooling power 1000W Tank capacity 20L Flow rate 6 L/min Configuration Dimensions (HxWxD) approx: 1220 x 680 x 800mm Weight approx. 95 Kg Technical data transformer C- Gun Connection Data Primary voltage / frequency: 560\//10 kHz Primary power (100% duty cycle): 20kVA Protection class IP 21 Insulation class F Welding Circuit Welding current 12 kA No-load voltage 12.5 VDC Mechanical Data Electrode force 0 - 5 kN Weight approx 11 Kg

CTR12000 Includes the following Yokes:



C-Gun 40 mm throat depth, air-cooled





depth, water-cooled

Cable length



6m

48

#### CACTR7 Car-O-Liner CTR7 Resistance Spot Welder

#### 12000 Amp Inverter Spot Welder - Unique, new generation welder gives perfect results each time - every time.

The CTR7 has a water cooled high pressure C-Yoke. The Inverter Spot Welder is designed for quality-minded body shops to provide quality spot welds with all new high strength steels using cutting edge inverter technology. A wide range of accessories and sophisticated software with semi-automatic control features guarantees perfect welding results.

#### Reduce cycle times with new technology

The sharp, easy to read 7" colour screen makes it easy to navigate and set your parameters thereby reducing cycle times and increasing your productivity.

CTR7 also contains the latest technological platform that, in the future, will support internet technology and wireless communication.



Auto 1 mode

Auto 2 mode

#### Features and Benefits:

- Innovative design with low centre of gravity for increased safety and easy handling.
- Transformer gun technology greater working range
- Flexible, aluminium, telescopic support arm with integrated balancer (optional)
- Powerful with welding currents up to maximum of 12,000 Amps
- Sharp, easy to navigate, 7" colour screen
- Water-cooled with a large 20 Litre tank
- Weldlogger Documentation and registration of welding data via PC and USB (optional)

#### Technical Specifications:

CTR7 Spot Welder	
Max voltage	3 x 400V 50Hz
Max power	75kVA
Fuse (delayed action)	16-32 A
Protection class	IP 21
Insulation class	F
Compressed air supply	8 bar (116 PSI)
Power Unit for Transformer Gun (*	10 kHZ)
Output current	0-200A
Output voltage	560V
Cooling	
Cooling power	1000W
Tank capacity	20L
Flow rate	4.5 L/min
Configuration	
Dimensions (HxWxD) approx:	1130 x 650 x 930mm
Weight approx.	95 Kg
Technical data transformer C- Gun	Connection Data
Primary voltage / frequency:	560V/10 kHz
Primary power (100% duty cycle):	20kVA
Protection class	IP 21
Insulation class	F
Welding Circuit	
Welding amperage:	10,000 A (Current controlled)
Max. output amperage:	12,000 A
No-load voltage:	12.5 VDC
Mechanical Data	
Electrode force	0 - 500daN
Weight approx	11 Kg
Cable length	6m





#### Weldlogger

- PC and machine software for documentation and registration of welding data
- Records welding current, time, date, program and result
- Creates work orders
- Saves welding data with print out possibilities via USB

CTR7 Includes the following Yokes:



C-Tong 350mm throat depth, water-cooled

C-Tong 500mm throat depth, water-cooled



#### CARCH37 Car-O-Liner CH37 Induction Heater



#### CARPNP90 Car-O-Liner PNP90 Universal Riveting Tool



Car-O-Liner's new riveting tool is the perfect solution for completing all common riveting operations in thin sheet metal structures.

Specifically developed for riveting sheet metal in the autobody repair field, the PNP90 is a pneumatic-hydraulic system for riveting and pressing out self-piercing rivets. The equipment's universal technology enables adaption of various attachments for different applications. Easy to use, lightweight and highly efficient - this riveting tool allows your technicians to complete repairs in record time, saving you both time and money.

#### Safe heating without an open flame!

Car-O-Liners induction heating systems offer effective and reliable methods of heating, which result in a cleaner, safer work environment. The advantage of using induction technology is that there is no open flame. The high power CH37 can be used in the same way as a gas torch, but the risk for damaging destroying nearby parts - rubber, plastics and other body parts, when heating with an open flame is completely eliminated. Good regulating controls make it easier to achieve the correct temperature, heating depth and size of the heated area. There are 5 power levels together with a unique regulation and control system to avoid overheating. The Ch37 is a robust 4 kw, ergonomically designed induction heater.

#### Features & Benefits:

- No preparation required heats through rubber, plastic, glass, paint, etc.
- Safe no open flame making it safer and more economical than gas
- Secure Will not damage nearby heat sensitive parts
- User friendly front panel with five power control levels
- Total power control due to the unique regulation- and control system
- Effective cooling fan and condensor package in enclosed water-cooling system
- High power system quickly heats exactly where the operator chooses



#### Technical Specifications:

Input voltage	208-240V 50-60Hz, single phase 16A
Protection type	IP21
Working frequency	18 - 40 kHz
Main supply power	4kW
Induction power	3.7 kW
Induction cable	3m
Cooling system	Water (decalcified)
Weight	34kg
Water tank	20 L
Cont. Operating Time	20 min. (at 20° C room temp. and max. effect)
Measurements	40 x 35 x 100 cm

#### Kit includes: Pressure intensifier PNP90 Hydraulic gun HP 35 UN

#### Rivet clamp NB40 106 l x 45 w x 159mm h. .

- 1.5Kg weight
- Width, clamp opening: 80mm
- Depth, clamp opening: 40mm
- Riveting tool kit UN 2.0
- Setting/closing head 3mm rivet
- Setting/closing head 5mm rivet
- Setting/closing head,
- flow form rivet
- Punch & calibration mandres/die
- Replacement elastomer rings
- Set of mounting tools
- Spacing adapter

#### **Technical Specifications:**

Pump PNP 90 UN2.0	
Dimensions L x W x H (without hoses, inc.handle)	330x230x213mm
Weight (without hoses)	8 kg
Max Input Pressure	6 bar / 87 PSI
Max Operating Pressure	600 bar
Hydraulic Gun HP 35 UN	
Dimensions L x W x H (including handle)	246x50x105mm
Max Operating Pressure	600 bar
Travel	15 mm



#### Measuring

#### CARCOT Car-O-Liner Car-O-Tronic Vision Struggling with a Measuring System with No Data? Car-O-Tronic Vision is the Answer

Experience Car-O-Tronic Vision – the fastest, most accurate and easiest to use computerized measuring system on the market today! It guides the entire repair process and performs automatic centering, measuring and documentation. Car-O-Tronic Vision is photo based, integrated with Car-O-Data the world's largest vehicle database and fully compatible with any alignment system.

#### Powerful and Accurate. Measuring Slide with Remote Control.

The sensor-equipped Measuring Slide with a built-in versatile Remote Control and protective rubber "Bumper-Zones" delivers real-time data three times per second to the advanced and easy-to-use software, it lets the operator manage the entire measuring process without having to be at the computer. Being photo-based and backed by the world's most comprehensive vehicle database it allows you to accurately and quickly target measuring points.



#### Easy to Learn and Use

The system is simple to learn and use with automatic centering and measuring abilities, few measurement steps, user-friendly menus and access to the unique Infocenter. Document the entire repair process in pictures with text and e-mail files to insurance companies directly from within the software.



#### Measuring with Car-O-Tronic Vision is quick and easy:

- 1. Register the work order and enter car make and model.
- 2. Conduct measurement, aided by the unique ASP function (Automatic Search
- Point). Advanced automation allows the system to always select the right point.
- 3. Print out the results and you are done!

#### Get All You Need from the Infocenter

The Infocenter, a unique software feature, provides nearly unlimited possibilities for updating vehicle data, news, support and interactive training. It allows you to document the entire repair process in pictures, with text, and email files sent directly to insurance companies from within the software.

#### Fully Compatible with Any Bench

Adapter Kits make the system fully compatible with almost any alignment bench. Car-O-Tronic Vision is easy to move because of its small size. Analysis and diagnosis of damage can be accomplished even before raising the vehicle on the repair bench. You save time and keep bench systems free.



#### Features & Benefits:

- Over 14,700 Vehicles on database
- Over 90 measuring points (including upper and lower body) with photographs on most vehicles
- No cables or flags for ease of use
- Talks in 'real-time', easily keeps track of the repair during pulling process
- Data updated immediately via internet

#### Car-O-Data, The Worlds Largest Vehicle Database

Covering nearly all new and updated vehicles – presently more than **14,700** models – Car-O-Data consistently provides access to current and reliable data. Being integrated with the software, it truly realizes its enormous potential. New and updated vehicles are continuously measured by our international measuring team in co-operation

with automotive manufacturers around the world.





#### CARPOINTX

Car-O-Liner Point X Hand-Held Electronic Measuring System



#### Quick and accurate damage analysis measuring with documentation print-out capability speeds up turn around in any body shop.

PointX<sup>™</sup> derives its strength from new generation technology, both in the hand-held measuring arm and software. The lightweight, efficient and easy to use measuring arm, in combination with Car-O-Data, the world's most comprehensive vehicle database, gives you an affordable measuring system that allows you to accurately and quickly target measuring points.

PointX is a measuring device used for diagnostic estimating as well as for gauging detailed and accurate vehicle measurements. With wireless access to the world's most comprehensive vehicle database, you can identify measuring points on more than 14,000 vehicles worldwide

#### Extremely lightweight, fast and accurate!

Constructed with a carbon fibre material, the PointX\* measuring arm is extremely lightweight making it easy for technicians to manoeuvre around the vehicles to be measured, whether they are on a lift, on an alignment bench or right on the floor.

#### Vision2 PointX Software

Not only is PointX easy to operate, it is driven with Vision2 Software, a photo-based system that guides the entire repair process. With our comprehensive measuring data, Vision2 and PointX your technicians will be able to provide highest quality diagnosis to vour customers.



#### Features & Benefits:

- Ergonomic design with lightweight carbon fibre construction
- Automatic height calculation speeds up the measuring process
- Upper body P2P measurement capability .
- . Bluetooth communication with Vision2 PointX Software
- Access to Car-O-Data measurement data for over 14,000 measured vehicles
- Compatible with Car-O-Tronic electronic measuring system adaptors
- User friendly, one-handed operation through magnetic fixing
- Colour display with simple, intuitive interface
- Electronic documentation with report print out



#### Car-O-Liner Workshop Solutions

#### **Alignment Benches**

CARSPEED Car-O-Liner Speed

#### Speed - For light structural or cosmetic damage

Today, more than 80% of accidents occur at such low speeds that they do not cause any structural damage to the vehicles involved. Body shops can benefit considerably by focusing their resources on repairing this kind of cosmetic damage quickly and cost effectively.

Speed is designed to reduce set up time so you can realign cosmetic sheet metal damage as well free up your conventional alignment bench, improving workshop efficiency.

Operations such as disassembly, alignment, welding, sanding and filing are easy because there are no ramps or posts to restrict access to the vehicle. With the side pull adapter it is also possible to correct side damage. Speed has a lifting capacity of 2,500 kg and can be used with most vehicles on the market.

Speed will pay for itself very fast. The shorter cycle times and better utilization of workshop resources that Speed provides should result in greatly increased profits! And it's not only your workshop that benefits from Speed's efficiency, but also your customers Your shop gains the capacity to perform light bodywork quicker and easier than on a larger bench or rack. Other collision damages can also be quickly repaired with perfect accessibility in the same setup.

#### Features & Benefits:

- Small footprint makes it the perfect addition to any type of repair/service shop
- Versatile the entire job can be completed using just one bench, shortening cycle times and increasing profits
- Quick set-up time- drive/roll the car over the lifting platform (104 mm resting clearance) - increases your workshop capacity
- "Snap-on" 5-ton draw aligner offers 2 500 kgs of lifting capacity and 3600 multi-angle pulling - can handle most types of sheet metal damage and cosmetic damage repair
- Ergonomic design easy to reach damaged areas with nearly two meters
- maximum lift height

Save Time, Make Money!

is necessary, saving both time and money

FAST - Speed is so low that you can drive/roll the car over

the lifting platform — no ramps or additional equipment

- Precise information with accurate, real-time measuring throughout the process when used with the Car-O-Tronic Vision Measuring System and Car-O-Data, the world's leading vehicle measurement database
- Can be installed above- or in-ground providing the versatility to complete both cosmetic damage repairs as well as other light service and repair work





most comfortable working position for each operation. Accessibility is perfect around the entire vehicle.





#### CARMARK6 Car-O-Liner Mark 6



Maximum work space between bench and underside of vehicle with longer bench arms

#### A flexible system that delivers solid results

Car-O-Liner's Mark 6 is a mobile bench system with the added convenience of drive on mounting. It's designed around the idea that the more flexible a collision repair system is, the more productive it will be.

Using a combination of benches, commercial clamping kits, multiple pulling arms and accessories (all accessories are interchangeable) you can build a system suited to your business. And you can update your Mark 6 system as your needs grow.

#### Features & Benefits:

- Universal solution for cars, vans, light trucks and SUVs
- Stong lift capacity (max. vehicle weight) of 2,800 kg (6,160 lbs)
- Powerful 10-ton draw aligner pulls from almost any angle, 360° around the vehicle
- Ergonomic approach ramps that can easily be converted into wheel stands allow drive-on mounting for quick set-up, diagnosis and repair.
- Compatible with EVO 1, 2 & 3 Universal Anchoring and Holding Systems
- Precise information with accurate, real-time measuring throughout the process when used with the Car-O-Tronic Vision Measuring System and Car-O-Data, the world's leading vehicle measurement database
- Truck clamping accessories provide strong, no-slip, safe holding
- Interchangeable accessories allow you to build the perfect system for your shop
- Flexible installation fixed, mobile or pit mountings
- Meets a majority of OEM equipment requirements



stands, give excellent working conditions.

In-ground Installation - Leaves frame level with floor allowing for easy drive-over and clean shop appearance.



With optional mounting arm that easily clicks in and out

Faster loading and unloading



Powerful 10-ton Draw Aligner - The 10-ton

Draw-Aligner pulls from almost any angle, 3600



#### CARQUICK42 Car-O-Liner Quick 42

#### The multifaceted bench for both cosmetic and structural damage

Quick 42 is a phenomenal, multi-functional bench designed to manage every type of damage productively and accurately. It provides easy access for cosmetic repairs and offers the ability for anchoring on the same platform if structural repairs are needed, thus shortening repair cycle times and resulting in a 'quick' solution to increase shop profitability.

#### Speeds up the Repair Process

Fast set-up, easy access, on-wheels measuring, quick anchoring and adjustable working height are features that measurably decrease repair time. Cosmetic repairs can be made while the vehicle is still on its wheels. And if structural damage is discovered, the repairs can begin immediately without changing benches — that's efficiency!

#### Outstanding Capability to Maximize Output

Compatible with the Car-O-Tronic<sup>™</sup> Vision measuring system, the Quick42 offers a complete repair solution, providing technicians a time-saving process to easily diagnose, fixture, and repair automobiles to their pre-accident condition.

Maximizing repair capabilities and quality enhances bodyshop output and increases customer satisfaction.

#### Features & Benefits:

- Drive-on ramps with lifting jacks for quick setup
- Efficient design for all vehicles including 4WD's and vans
- Quick and effective diagnosis of the vehicle whilst still standing on its wheels or in a clamped position
- User friendly hand control with functions for automatic bench tilting, 10 ton pulling and hydraulic jacking
- Built-in multifunctional power unit with central satellite hook-ups for hydraulics and air at both ends of the bench



Drive-on ramps allow quick and easy access to damaged areas





#### Quick and efficient diagnosis of structural damage while the vehicle is supported on its wheels or in a clamped position



Lightweight, multi-purpose ramps allow quick and easy access to damaged parts, anchoring and upper body

areas.

Quick hook up of hydraulics





#### CARBENCHRACK Car-O-Liner BenchRack

#### Universal collision repair system

A truly universal and versatile addition to any bodyshop — the BenchRack systems are designed to hold and lift virtually any type of unibody or full frame vehicle. From small cars to light trucks, vans and SUVs.

The unsurpassed BenchRack combines drive-on convenience with a hydraulic lift and removable ramps. Add the tilt feature, which makes loading easier when approach space is limited, and you have a repair bench that can handle everything from slight cosmetic work to full-frame repairs.

#### Efficiency at its best

With BenchRack, you may lift the vehicle when loaded on the ramps or lift the frame on chassis pads leaving the wheels and wheel wells free. All repair and service operations can be performed quickly and effectively using a single set-up. You avoid the unnecessary interruptions that arise when moving the car between different work stations. This versatility allows for increased productivity for your body shop — saving time and money!

#### Features & Benefits:

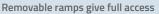
- Universal solution for cars, vans, light trucks and SUVs
- Available in different lengths there's a BenchRack that's perfect for your shop
- Powerful 10 ton draw aligner offers 4,200kg pulling force and pulls from almost any angle, 360° around the vehicle
- 4,200kg lifting capacity
- Ergonomic design; removable ramps allow better access to the vehicle
- Precise information with accurate, real-time measuring throughout the
- process when used with the Car-O-Tronic Vision Measuring System and Car-O-Data, the world's leading vehicle information database
- Truck clamping accessories provide strong, no-slip, safe holding
- Flexible installation; fixed, mobile or pit mountings allows for use in workshop of all shapes and sizes
- Meets a majority of OEM equipment requirements



BenchRamp:

The Universal clamp and bench mounting; strongest for no-slip holding capacity



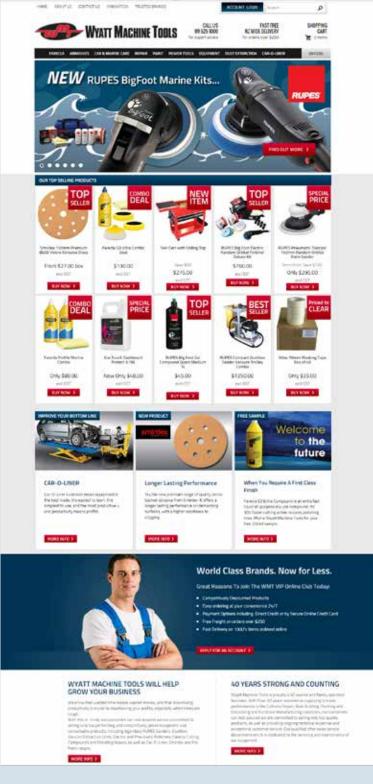


BenchRack Truck Clamping





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