



Ultrasonic stripping **RIGEL**

IBERKLEEN

Ultrasound technology is the most widely used option for stripping following the new regulations on the use of chemicals.

The ban on the use of methylene chloride has increased stripping times exponentially. This is where ultrasound technology has managed to reduce stripping times to excellent levels.

The **RIGEL** range of ultrasonic equipment is the perfect complement to any pickling process.

Its immersion and lifting platform reduces operator effort when loading parts, and its **agile agitation** helps the **pickling solution to penetrate complex holes**.

Designed in a compact format, they integrate all the required features in the smallest possible space.

From your touchscreen, you can manage

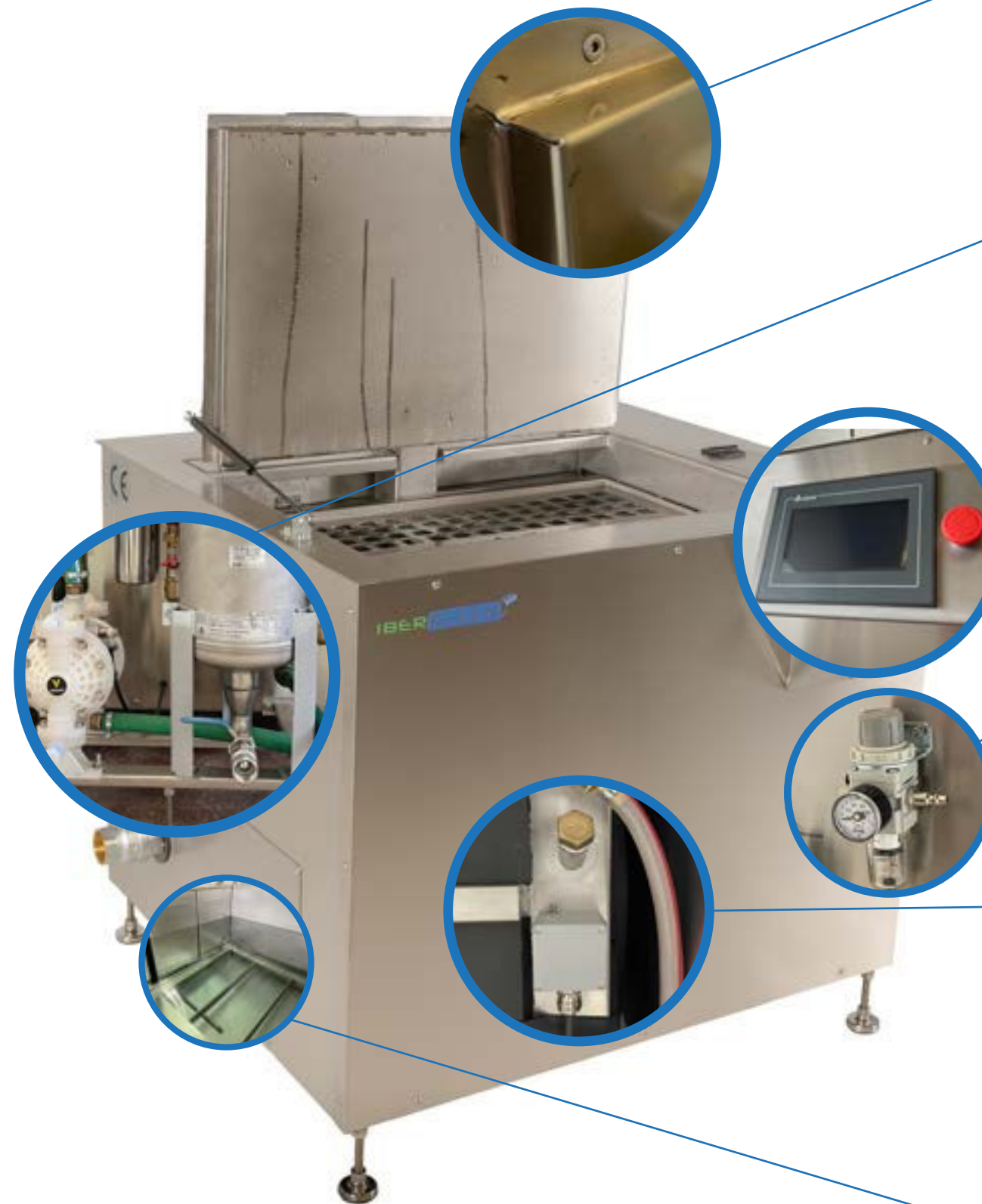
- ◆ Pre-programmed warm-up.
- ◆ Timed cycle programming.
- ◆ Full control of the lifting platform.

Key features of the **RIGEL** range

- ◆ Domestic generators manufactured in-house.
- ◆ Non-contact heating system.
- ◆ Height-adjustable anti-vibration supports.
- ◆ Double heat-insulated anti-caloric cover.
- ◆ Reinforced lifting platform.
- ◆ Platform speed/force adjustment.
- ◆ Input and output for filtering.

OPTIONAL:

- ◆ Automatic filling.
- ◆ Automatic emptying with pump.
- ◆ Programmable chemical dosing unit.
- ◆ Adapted filtering systems.
- ◆ 100% configurable features and measurements.



INSULATED LID

The cover, insulated with 20 mm K-flex Neoprene, prevents heat loss, optimising the electrical consumption of the heating system. It also prevents possible burns from contact, protecting operators.

FILTER CONNECTION

The machine is equipped with connections so that the most appropriate filter can be connected to suit the needs of each stripping process. Depending on the paint and stripper to be used, a filter press or bag filter can be installed, and the bath can be manipulated with centrifugal or pneumatic pumps depending on each application.

TOUCHSCREEN CONTROL PANEL

The touch control allows you to intuitively manage all the features and functions of the equipment.

AIR FILTER

Compressed air inlet, with water trap, control pressure gauge and pressure regulator. Recommended air pressure: 7 Bar.

NON-CONTACT HEATING

The parallel heating chamber achieves the desired temperature for the bath without the heating element coming into contact with the paint stripper and paint. This prevents the heating element from breaking down and the paint residues from solidifying. It also has its own level sensor, temperature probe, safety valve, and filling and emptying system to ensure an independent and effective system.

SLANTED BACKGROUND

The sloped bottom collects the sludge generated for easy and effective management.

ULTRASONIC GENERATOR



The **ultrasound generators**, which are **manufactured in-house** and exclusively, are the heart of each device, delivering real power and **efficiency that is unique in the market**.

Equipped with parameter regulation such as Sweep System, waveforms, power limiters, frequency calibration, digital frequency regulation, etc.

Ultra-compact design, logical ventilation.

Standard frequencies of 28 kHz and 40 kHz.
Other frequencies available.

TAPA



CÁMARA DE CALENTAMIENTO



FONDO INCLINADO



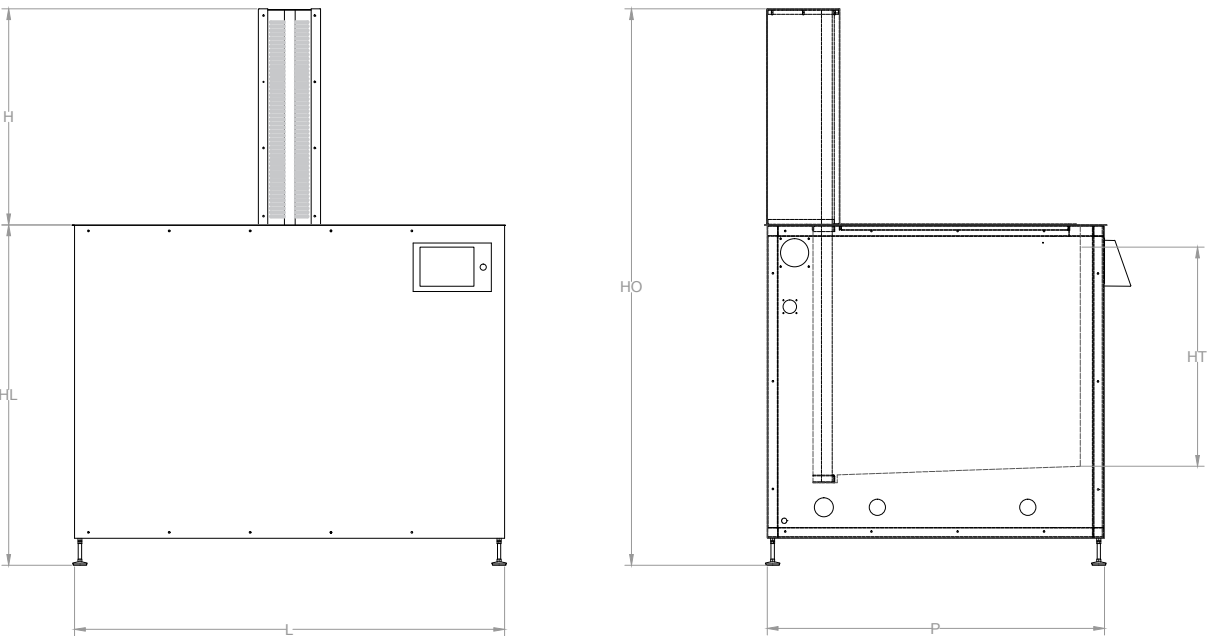
SISTEMAS DE FILTRADO
ADAPTABLES



PLATAFORMA NEUMÁTICA



REGULACION DE BATEO



TECHNICAL DATA	RIGEL 160	RIGEL 310	RIGEL 420	RIGEL 600	RIGEL 940	RIGEL 1500	RIGEL 4000
Tank capacity	160 litres	310 litres	420 litres	600 litres	940 litres	1500 litres	4000 litres
Ultrasound power	1,5 Kw	3 Kw	4,5 Kw	6 Kw	7,5 Kw	12 Kw	24 Kw
Heating power	4,5 Kw	6 Kw	7,5 Kw	9 Kw	12 Kw	15 Kw	18 Kw
Internal measures	700x550x350	950x700x550	1100x750x600	1250x800x700	1500x900x800	1700x1100x1000	2550x1500x1200
Useful measures	680x440x350	930x560x390	1080x610x440	1230x660x540	1480x760x640	1680x960x840	2530x1360x1040
Load capacity	100 Kg	220 Kg	320 Kg	450 Kg	700 Kg	1000 Kg	1500 Kg
External dimensions (mm)	1.100x930x920	1.350x1.080x950	1.530x1.130x1.000	1.680x1.180x1.100	1.930x1.320x1.200	2.130x1.520x1.400	2.980x1.950x1.600
L	1.100 mm	1.350 mm	1.530 mm	1.680 mm	1.930 mm	2.130 mm	2.980 mm
P	930 mm	1.080 mm	1.130 mm	1.180 mm	1.320 mm	1.520 mm	1.950 mm
HL	920 mm	950 mm	1.000 mm	1.100 mm	1.200 mm	1.400 mm	1.600 mm
Material	2.5 mm AISI 304 and 316L			2.5 mm AISI 304 and 316L			



IBERKLEEN

Pol. Ind. Villayuda
C/ la Demanda S/N
Naves Azucarera, Nave C1
09007 - Burgos
ESPAÑA

Tel.: +34 947 215 125

www.iberkleen.com
info@iberkleen.com