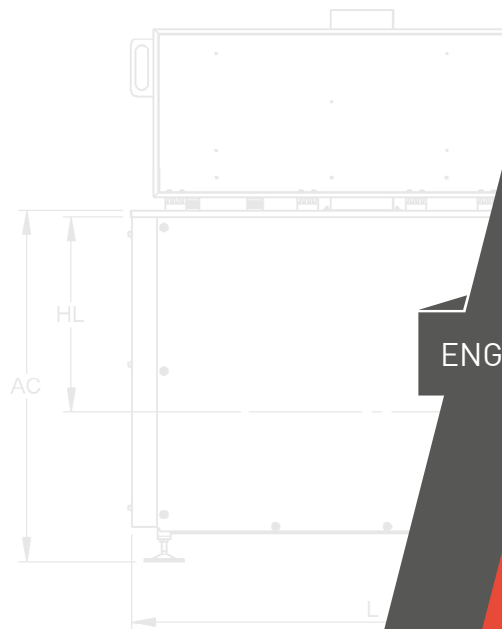


Teknox

METAL CLEANING
EVOLUTION



ENGLISH 

HIGH
QUALITY
guaranteed

HELP
DESK


MADE
IN ITALY

SINCE
1967

K
LINE

SERIES K

THE **ULTRASONIC WASHING** SYSTEM BY TEKNOX HAS BEEN DESIGNED FOR A HEAVY AND CONTINUOUS USE DUE TO ITS HIGH QUALITY MATERIALS AND TO THE MOST INNOVATIVE TECHNOLOGY.

The ultrasonic washing is carried out by a generator and plate transducers submerged in the liquid, placed in the front and back side.

Standard machines include an automatic mobile stainless steel platform for high loading capacity, an additional tank for oil-trimming collection and a circulating pump.



ULTRASONIC CLEANING

TECHNICAL FEATURES

- Hatch closure assisted with gas springs and fastening hook
- Thermal tank insulation with Aisi 430 stainless steel panels
- Siemens® electric power parts
- 4" color touchscreen display for settings and programs
- Aisi 304 stainless steel filter in pump intake
- Structure and sheet metal in contact with liquid in Aisi 304 stainless steel
- Minimum level switch
- Safety limit switch on cover opening
- Automatic lift and immersion platform
- Adjustable feet
- Recycle pump for filtration and removal of oil by overflow



K 200

- Compressed air blowing gun
- Weekly programming to start heating and deoiler (if installed)
- IP65 electrical system, management via PLC touchscreen (DGT V4)
- Heating of the liquid with stainless steel electric heating element
- Internal welding bleaching
- Stainless steel submersible ultrasound generator and transducers
- Drain valves for emptying tanks
- Manual water filling valve



CONTROL

- PLC with colour touchscreen
- Option Industry 4.0



NUMBER OF TANKS

- Single tank



AREAS OF APPLICATION

- Maintenance
- Mould washing
- Mechanical industry
- Aviation / Space industry
- Graphic industry and Paint factory
- Surface treatment
- Electronics / Chemicals industry



PNEUMATIC HANDLING

SERIES K

100
200
300
500

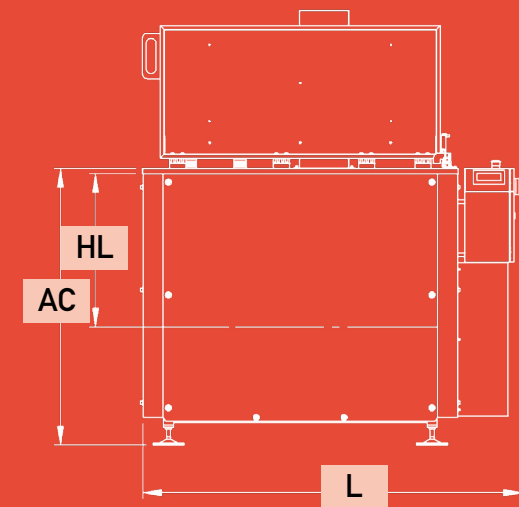
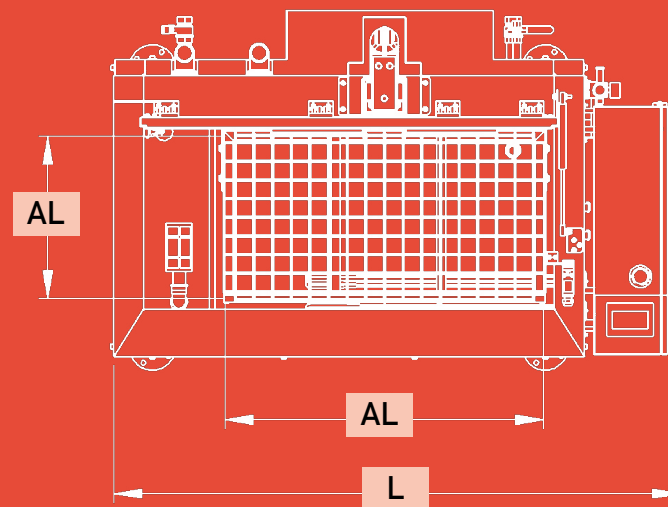
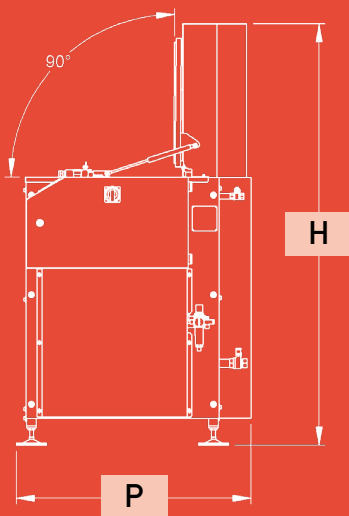
ACCESSORIES

- Maximum liquid level control in tank 1 and filling solenoid valve
- Pneumatic cover opening and closing with two-hand safety control unit
- Automatic liquid detergent dispenser, installed in bath 1
- Stainless steel cartridge filter (10/25/50 micron)
- Device for remote connection and remote support for HMI Weintek
- Kit for Industry 4. 0 for HMI Weintek
- Kit for use with abrasive contaminants in the washing liquid
- Stainless steel fittings and valves kit (for parts that are in contact with liquids)
- PLC Siemens® S7 1200 - HMI touchscreen Weintek
- Interface with the loading and unloading system (robot)
- Heating with external heating elements, not in contact with the liquid
- Machine equipped with wheels for handling
- Tanks emptying pump (2)
- Signal tower for indicating system status

TECHNICAL DATA	K 100	K 200	K 300	K 500
Load capacity	100 kg	100 kg	300 kg	300 kg
Tank 1 capacity	180 lt	250 lt	520 lt	700 lt
Oil tank capacity	50 lt	55 lt	70 lt	80 lt
Filtration pump	0,55 kW	0,55 kW	0,55 kW	0,55 kW
Heating tank 1	4 kW	2 x 4 kW	2 x 6 kW	2 x 8kW
Number of ultrasound plates (front/rear)	2/0	2/2	4/2	4/4
Ultrasound (peak/effective)	2kW/1kW 40 kHz	4kW/2kW 40 kHz	6kW/3kW 40 kHz	8kW/4kW 40 kHz
Power supply	Three-phase	Three-phase	Three-phase	Three-phase

DIMENSIONS AND LAYOUT		K 100	K 200	K 300	K 500
L	width	130 cm	150 cm	170 cm	190 cm
P	depth	85 cm	95 cm	105 cm	115 cm
H	height	175 cm	175 cm	200 cm	200 cm
AL	washing area	65 x 35 cm	85 x 45 cm	105 x 55 cm	125 x 65 cm
HL	washing height	40 cm	40 cm	45 cm	45 cm
AC	loading height	110 cm	110 cm	115 cm	115 cm
HA	opening angle	90°	90°	90°	90°
W	weight	250 kg	350 kg	450 kg	700 kg
RU-HT	noise HT	70 dBa	70 dBa	70 dBa	70 dBa

ULTRASONIC CLEANING



Our catalogue
K LINE



SCAN THE QR-CODE
download our catalogue K LINE

www.teknox.net



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