

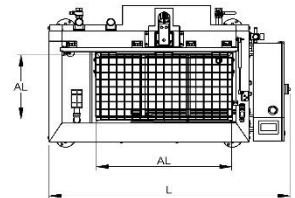
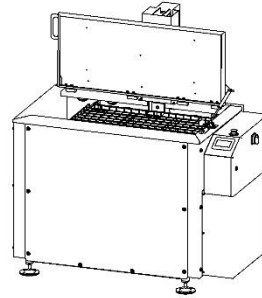
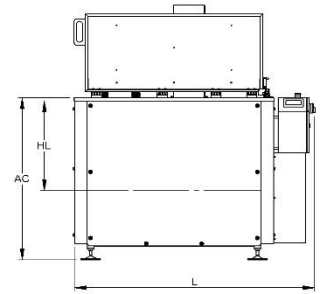
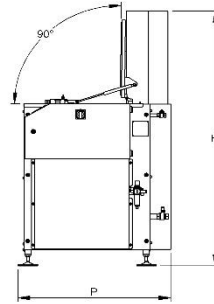
SERIE K

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.

The machine is available in HT version (insulated, maximum and adjustable temperature up to 80°C).



Dimensions and layout	K100	K200	K300	K500
depth (P)	85 cm	95 cm	105 cm	115 cm
height (H)	175 cm	175 cm	200 cm	200 cm
loading height (AC)	110 cm	110 cm	115 cm	115 cm
noise HT (RU_HT)	70 dBa	70 dBa	70 dBa	70 dBa
opening angle (HA)	90°	90°	90°	90°
washing area (AL)	65 x 35 cm	85 x 45 cm	105 x 55 cm	125 x 65 cm
washing height (HL)	40 cm	40 cm	45 cm	45 cm
weight (W)	250 kg	350 kg	450 kg	700 kg
width (L)	130 cm	150 cm	170 cm	190 cm

Connections	K100	K200	K300	K500
Cabin vent outlet	2 x Ø50 mm	2 x Ø50 mm	2 x Ø50 mm	2 x Ø50 mm
Compressed air intake	F 1/4"	F 1/4"	F 1/4"	F 1/4"
Electrical connection: plug	3P+N+PE 16A	3P+N+PE 32A	---	---
Tank liquid drain	3 x F 1"	3 x F 1"	3 x F 1"	3 x F 1"

Technical data	K100	K200	K300	K500
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
Load capacity	100 kg	100 kg	300 kg	300 kg
Number of ultrasound plates (front/rear)	01/02/2000	02/02/2024	02/04/2024	04/04/2024
Oil tank capacity	50 lt	55 lt	70 lt	80 lt
Tank 1 capacity	265 lt	380 lt	585 lt	765 lt
Ultrasound	1kW 20/40 kHz	2kW 20/40 kHz	3kW 20/40 kHz	4kW 20/40 kHz

Technical features	K100	K200	K300	K500
Adjustable feet +/- 50mm	★	★	★	★
Aisi 304 stainless steel filter in pump intake	★	★	★	★
Automatic calculation of electricity consumption in real time	★	★	★	★
Automatic lift and immersion platform	★	★	★	★
Color 4" touchscreen display for settings and programs	★	★	★	★
Compressed air blowing gun	★	★	★	★
Door closure assisted with gas springs and fastening hook	★	★	★	★
Drain valves for emptying tanks	★	★	★	★
Heating of the liquid with stainless steel electric heating element	★	★	★	★
HT Version	★	★	★	★
Internal ed external welding bleaching	★	★	★	★
IP55 main electrical box, management with touchscreen PLC (DGT V4)	★	★	★	★
Manual water filling valve	★	★	★	★
Minimum level switch	★	★	★	★
Recycle pump for filtration and removal of oil by overflow	★	★	★	★
Safety limit switch on cover opening	★	★	★	★
Siemens electric power parts	★	★	★	★
Stainless steel submersible ultrasound generator and transducers	★	★	★	★
Structure and sheet metal in contact with liquid in AISI 304L stainless steel	★	★	★	★
Thermal tank insulation	★	★	★	★
Weekly programming to start heating and deoiler (if installed)	★	★	★	★

Accessories	K100	K200	K300	K500	Cod.
Automatic chemical product dispenser, installed in bath 1	✓	✓	✓	✓	DAD#1
Compact pneumatic oil separator with stainless steel floats	✓	✓	✓	✓	MD_GAL
Detergent suction tank for automatic dispenser	✓	✓	✓	✓	SDAD
Device for remote connection and remote support for PLC Siemens	✓	✓	✓	✓	TELSIE
Device remote connection and remote support for HMI Weintek	✓	✓	✓	✓	TELWEI
Heating with external resistances, not in contact with the liquid	✓	✓	✓	✓	RRA
HMI Siemens KTP - Display (only for Siemens PLC)	✓	✓	✓	✓	HMIS
Industry 5.0 Ready (Energy Meter)	✓	✓	✓	✓	IND5
Kit for Industry 4.0 for HMI Weintek	✓	✓	✓	✓	IND4WEI
Kit for Industry 4.0 for PLC Siemens	✓	✓	✓	✓	IND4SIE
Kit for use with abrasive contaminants in the washing liquid	✓	✓	✓	✓	PCA
Led light tower with 3 lights and sound alarm	✓	✓	✓	✓	TL3
Machine equipped with wheels for handling [D]	✓	✓	✓	✓	RUO
Maximum liquid level control in tank 1 and filling solenoid valve	✓	✓	✓	✓	RIEMP#1
Mixed resin demineralizer M20 with conductivity meter	✓	✓	✓	✓	ADDP
PLC Siemens S7 1200 - HMI touchscreen Weintek	✓	✓	✓	✓	PLS
Stainless steel AISI 304L retention tank with drip-catcher [D]	✓	✓	✓	✓	RIT
Stainless steel cartridge filter (10/25/50 micron)	✓	✓	✓	✓	FCX
Stainless steel fittings and valves kit (for parts that are in contact with liquids)	✓	✓	✓	✓	PFC
Tanks emptying pump (2)	✓	✓	✓	✓	SV2

Accessories notes legend

[D]: the two accessories are incompatible, they cannot be installed on the same system

★ = included in the basic model, ✓ = available on request, X = not available