



KSP®
MACHINE TOOL DIVISION

PURGE XLARGE1250-1500-1750-2000 SERIES
**MULTI PROCESS WASHING-RINSING-DRYING
MACHINE**



**DETAILED
CLEANING**



**ALL IN ONE
DESIGN**



**SPECIAL
DESIGN**



**AUTOMATION
CONTROL**

PURGE XL1250

PURGE XL1500

PURGE XL1750

PURGE XL2000

	PURGE XL1250	PURGE XL1500	PURGE XL1750	PURGE XL2000
Basket Diameter (mm)	1150	1350	1600	1850
Loading Height (mm)	600	700	800	900
Loading Capacity (kg)	450	650	750	850
Washing Tank Capacity (L)	250	400	400	450
Rinsing Tank Capacity (L)	250	200	250	450
Pump Pressure (bar)	2,5	2,5	2,5	2,5
Pump Capacity (L / min)	200 - 220 (W: 200-220 / R: 200-220)	200 - 220 (W: 400-450 / R: 200-220)	200 - 220 (W: 400-450 / R: 200-220)	200 - 220 (W: 400-450 / R: 400-450)
Pump Quantity and Power	2 pcs. x 3,0 Hp	3 pcs. x 3,0 Hp	3 pcs. x 3,0 Hp	4 pcs. x 3,0 Hp
Heater (kW)	15	15	15	22,5
Electricity (V / Phase / Hz)	220 - 380 - 415 / 1 - 3 / 50 - 60	220 - 380 - 415 / 1 - 3 / 50 - 60	220 - 380 - 415 / 1 - 3 / 50 - 60	220 - 380 - 415 / 1 - 3 / 50 - 60
Process Timer (min)	0 - 90	0 - 90	0 - 90	0 - 90
Working Temperature	0 - 80°C	0 - 80°C	0 - 80°C	0 - 80°C
Loading Vehicle	s	s	s	s
Rotary Basket	s	s	s	s
Oil Skimmer	s	s	s	s
Drying Unit	o	o	o	o
30" Precision Bag Filter System	o	o	o	o
30" Precision Cartridge Filter System	o	o	o	o
Safety Light Barrier	o	o	o	o
Process Height Adjustment System	na	o	o	o
Automatic Basket Loading System	o	o	o	o
Steam Extraction System	o	o	o	o
Mist Collector Unit	o	o	o	o
PLC Control and Touch-Screen	o	o	o	o
Water Level Control and Automatic Feeding	s	s	s	s
AISI430 Stainless Steel Material	s	s	s	s
AISI304 Stainless Steel Material	o	o	o	o
AISI316 Stainless Steel Material	o	o	o	o
Packing Size and Weight (mm - kg)	2060 x 1750 x 1940 - 600 kg	2000 x 2360 x 2450 - 750 kg	2930 x 2040 x 2590 - 850 kg	3070 x 2250 x 3740 - 950 kg

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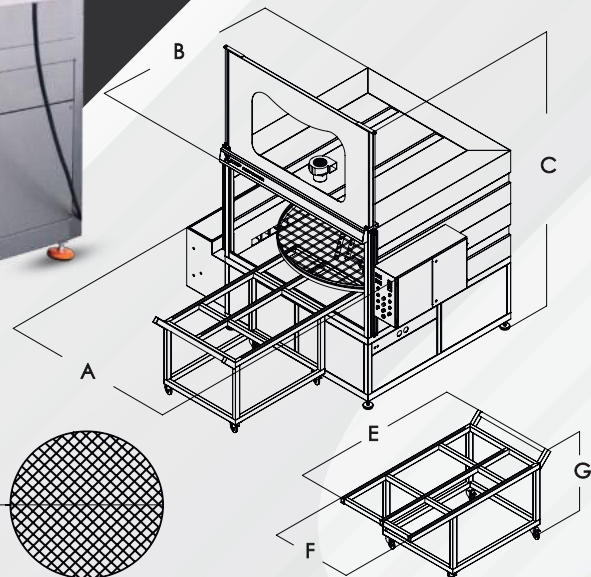


SPECIFICATIONS

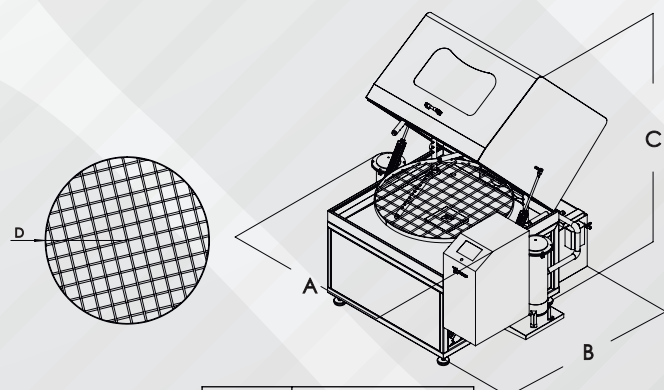
- Stainless Steel Body, Basket and Pipes
- Cleaning Process Timing
- Developed to save water, detergent and energy
- Minimum water consumption by closed circuit water cycling system
- Heated water (solution) dispensed through jet nozzles to the part
- High user safety on pneumatic pistons
- Belt-Pulley driven rotary table
- A water level sensor is used to protect the pumps and heaters against dry running
- Heating elements are made of special material incoloy alloy
- European Electrical and Technical Components
- High-performance and reliable European Pumps
- Pneumatic Front Door System

WORKING PRINCIPLE

The parts which will be washed are placed on a basket that is placed on a stainless rotary platform with sliding system are washed in a closed cabinet with pressured hot water and detergent mixture. The washing process is done through water nozzles which are timed and compressive according to part structure, dirtiness rate; they clean the waste, oil, and chip on dirty surfaces in various angles. Rinsing process follows washing process and completes the cleaning of the parts in the system. After cleaning processes drying process starts, which works with hot air and air jets. When all processes are done all parts will be ready for the next processes like packing, coating etc. PURGE XLARGE has been designed for minimum consuming the water, detergent, electric, and time (work force) with cyclic and filtering water system.



	PXL1500	PXL1750	PXL2000
A	2650	2900	3150
B	1600	1825	2075
C	3100	3350	3400
C _{close}	2250	2400	2500
D	1350	1600	1850
E	1500	1775	2000
F	850	850	1000
G	1100	1050	1050



	PXL1250
A	2050
B	1875
C	2350
C _{close}	1800
D	575