



KSP®

MACHINE TOOL DIVISION

ALL IN ONE Q135-Q160-Q185 MULTI PROCESS WASHING-RINSING-DRYING MACHINE WITH HIGH PRESSURE STATION



**DETAILED
CLEANING**



**ALL IN ONE
DESIGN**



**SPECIAL
DESIGN**



**AUTOMATION
CONTROL**

ALL IN ONE Q135

ALL IN ONE Q160

ALL IN ONE Q185

Basket Diameter (mm)	1350	1600	1850
Loading Height (mm)	700	800	900
Loading Capacity (kg)	650	750	850
Washing Unit	s	s	s
Washing Tank Capacity (L)	400	400	450
Pump Quantity and Power	2 pcs. x 3,0 Hp	2 pcs. x 3,0 Hp	2 pcs. x 3,0 Hp
Rinsing Unit	s	s	s
Rinsing Tank Capacity (L)	200	250	450
Rinsing Unit Pump Pcs. and Power	1 pc. x 3,0 Hp	1 pc. x 3,0 Hp	2 pcs. x 3,0 Hp
High-Pressure Unit	s	s	s
High-Pressure Tank (L)	120	120	120
High-Pressure Unit Pump Pcs. and Power	1 pc. x 150,0 bar	1 pc. x 150,0 bar	1 pc. x 150,0 bar
Heater (kW)	3 pcs. x 7,5 kW	3 pcs. x 7,5 kW	4 pcs. x 7,5 kW
Electricity (V / Phase / Hz)	220 - 380 - 415 / 3 / 50 - 60	220 - 380 - 415 / 3 / 50 - 60	220 - 380 - 415 / 3 / 50 - 60
Timer (min)	0 - 90	0 - 90	0 - 90
Automatic Washing Unit Thermostat	0 - 80°C	0 - 80°C	0 - 80°C
Manual Washing Unit Thermostat	0 - 50°C	0 - 50°C	0 - 50°C
Drying Unit	o	o	o
Manual Loading Vehicle	s	s	s
Automatic Basket Loading System	o	o	o
Rotary Basket	s	s	s
Oil Skimmer (Washing Tank)	s	s	s
Precision Filtration (Rinsing Tank)	o	o	o
Touch Screen - PLC Control	o	o	o
Safety Light Barrier	o	o	o
Water Level Control and Automatic Feeding	s	s	s
Steam Extraction System	s	s	s
Door Security System	o	o	o
AISI430 Stainless Steel Body	s	s	s
AISI304 Stainless Steel Body	o	o	o
AISI316 Stainless Steel Body	o	o	o

s standard o optional



ALL IN ONE SERIES

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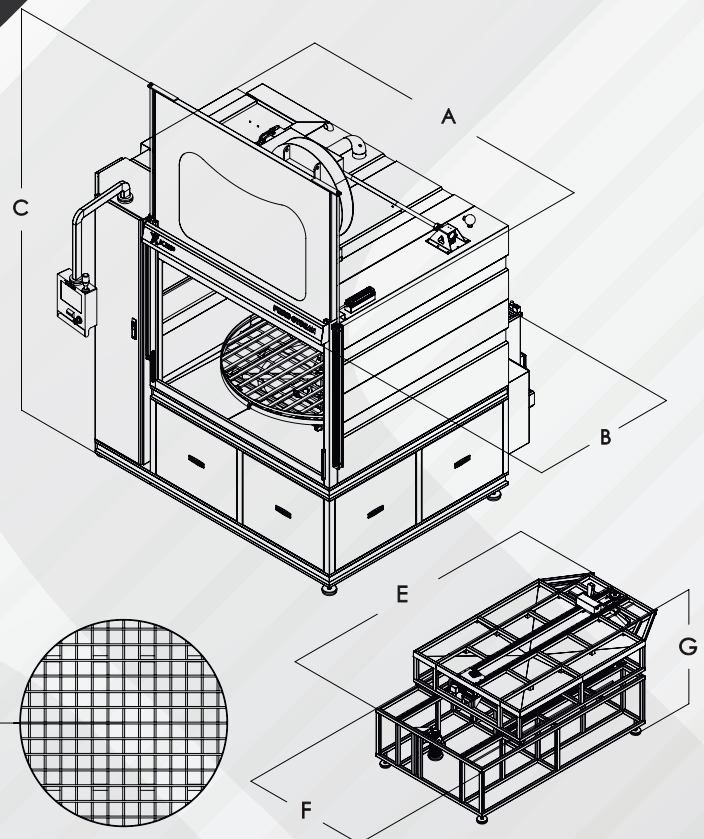
SPECIFICATIONS

- 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

Some will tell you that you need 2-3 machines for these operations. But KSP R&D team developed ALL in ONE for 4-5 solutions in one machine and to save space. ALL in ONE, whose design and production is completely owned by KSP Machine; With the feature of being the first and only Automatic Spray Washing-Rinsing and Manual High Pressure Unit Parts Washing Machine; It is one of the designs that proves KSP's leadership in the industry.

It is a faster and more effective cleaning solution to carry out other operations after High Pressure Washing, especially for burnt oil, resin, mechanical dirt and similar dirt that is difficult to clean. On top of that, if your cleaning standards require sensitive cleaning, you may need to apply washing, rinsing and drying processes. This is where ALL in ONE comes into play. Thanks to its compact design, you can save the space required by 2 machines and do all these processes in a single machine. According to preference and application, washing quality can be increased by adding different processes and features such as Drying, Precision Filtration, Automatic Platform, Automatic Loading.



	ALL IN ONE
A	2500
B	2750
C	3350
C _{CLOSE}	3100
D	1350
E	2560
F	1400
G	1175

