

**KSP®****MACHINE TOOL DIVISION**

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## DPF SERIES DIESEL PARTICULATE FILTER CLEANING MACHINES

**TOUCH  
SCREEN****BEST  
PERFORMANCE****FULLY  
AUTOMATIC****DETAILED  
TESTING-WASHING-DRYING****DPF SERIES****4**

	DPF-S900	DPF1800-F	DPF1800-PRO	DPF1800-PREMIUM
Cabin Capacity ( mm )	1000 x 1000 x 1125	1800 x 600 x 1000	1800 x 600 x 1000	1800 x 600 x 1000
Loading Capacity ( kg )	250	250	250	250
Stainless Steel Construction	s	s	s	s
Back Pressure Test and Printer	s	s	s	s
Drying System	s	s	s	s
HMI Touch Screen	7"	10"	10"	10"
Multilingual User Interface	s	s	s	s
Control Panel Support Arm	na	s	s	s
Operator Panels	s	s	s	s
Strongest Filter Holder	s	s	s	s
Twin SS Filtering System	na	s	s	s
30" SS Bag Filter	s	s	s	s
30" SS Multi Cartridge Filters Housing ( 5 )	na	s	s	s
Air Pressure Regulating	s	s	s	s
High Pressure Washing Gun	s	s	s	s
Air Output Valve	s	s	s	s
Cabin Air Gun	s	s	s	s
Flat Rubber Adapters	3 pcs.	4 pcs.	4 pcs.	4 pcs.
Conical Adapters	2 pcs.	2 pcs.	2 pcs.	2 pcs.
IP67 Cabin Lighting	s	s	s	s
Water Level Switch	s	s	s	s
Steam Discharge Fan	s	s	s	s
Double-Hand Control System	na	na	s	s
Safety Light Curtain	na	na	o	s
Tank Capacity ( L )	150	240	240	240
Tank insulation 19 mm Dynaflex	s	s	s	s
Electricity ( V / Phase / Hz )	380-440 / 3 / 50	380-440 / 3 / 50	380-440 / 3 / 50	380-440 / 3 / 50
Power Consumption ( kW )	20	27	27	27
Compressor Need	7 - 10 CFM, 7 - 8 bar	8 - 10 CFM, 7 - 8 bar	8 - 10 CFM, 7 - 8 bar	8 - 10 CFM, 7 - 8 bar
AISI430 Stainless Steel Material	s	s	s	s
AISI430 Stainless Steel Material	o	o	o	o
AISI430 Stainless Steel Material	o	o	o	o
Packing Size and Weight ( mm - kg )	1430 x 1170 x 2350 - 450	1080 x 2130 x 2500 - 700	1080 x 2130 x 2500 - 700	1080 x 2130 x 2500 - 700

s standard o optional na not available

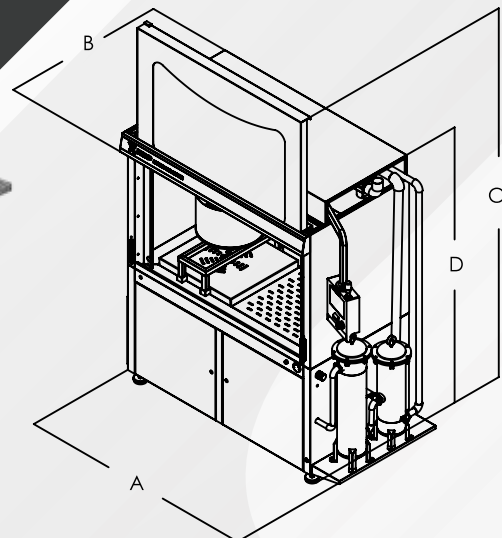


## SPECIFICATIONS

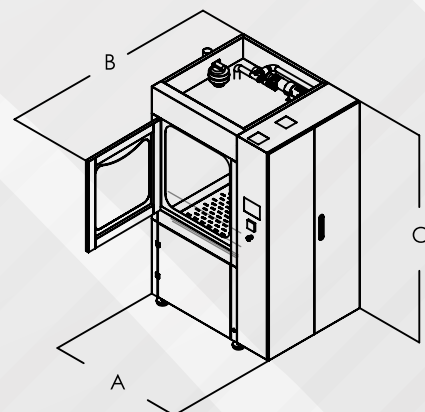
- Stainless Steel Body
- Cleaning Process Timing
- Developed to save water, detergent and energy
- Minimum water consumption by closed circuit water cycling system
- PLC Control via Touch-Screen
- 3 Staged Stainless Steel Reusable Filtering
- Testing System with Printed Report
- A water level sensor 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
- Fully Automatic Washing Programs
- Filter Fixing Mechanism
- Connecting Apparatus for Commercial Car and Trucks
- High Pressure Washing Unit

## WORKING PRINCIPLE

KSP Machine has developed the best automatic Diesel Particulate Filter Washing Machine with its 20 years of engineering experience. The DPF1800 was designed and programmed entirely by KSP Engineers after intensive R & D work. The DPF1800 is designed to clean Particle Filters for both passenger and commercial vehicles. Thanks to the independent Washing and Drying systems, washing and drying operations can be performed on 2 different filters at the same time. The DPF1800 provides more than 99% cleaning performance by regulations made by KSP Engineers and allows you to prove it with the help of the printed test report before and after cleaning. The test procedure is carried out by the back pressure test method, just like in cars. All functions and safety measures of the machine are controlled by PLC and Safety Relays. With pre-defined washing programs and Touch Screen, anyone can become an expert in Particulate Washing. DPF1800 is designed according to CE Norms and Safety Rules; limited for the safety of both the user and DPFs. Controls and even lighting are done with 24V DC. Filtering system on the Washing System always grants you to have clean water and let you make more efficient cleaning for the DPF's. These changeable and washable filters protect you from any future loss or additional costs that can appear for both machine and the work you have done.



	DPF1800-F	DPF1800
A	2100	2100
B	1050	1050
C	X	3100
D	2375	2375
E	480	480



	DPF-S900
A	1450
B	1950
B <sub>close</sub>	1100
C	2200





KSP Machine CO., serving to national and international market since 1998 with Industrial Parts Washing Systems, Degreasing Systems, Deburring Systems and Surface Treatment Systems. Throughout the years we have served, which has made us leading company in the national / international market with product quality and quality service approach.

KSP Machine offers the most suitable solutions to its customers in the field of engineering and manufacturing, if the products are subjected to washing, degreasing, phosphating, deburring, passivation, coating or any surface application process at any stage during the production process. KSP Machine, offers complete solutions to its customers through its Machinery and Automation Engineers.

KSP is increasing its export figures day by day, with more than 24 years of experience, high engineering knowledge, service quality and innovative management approach. KSP has become a reliable company with its qualified international dealers and exporting to more than 85 countries, as a result of QUALITY AND CONFIDENCE based service concept. KSP has become a followed company among international competitors by using the latest technology and making R&D.







#### QUALITY

- KSP Machine, on time with a quality beyond customer expectations delivering customer satisfaction.
- Adapting quality management as a lifestyle and to carry out all activities accordingly.
- Examining the Quality Management System with the principle of continuous improvement and to make necessary corrections.
- Supporting continuous improvement of employees' training needs and to ensure their effectiveness.
- Being a respected company in the NATIONAL market and then in the INTERNATIONAL market depending on the process.
- Being an environmentally sensitive company in all its activities.
- Acting in accordance with customer and / or international standards in the production process.
- Complying with the requirements of CE, ISO9001 and ISO140001 Quality Management System, to ensure the continuity of the quality management system and to update the quality targets according to the conditions of the day in order to reach the determined quality targets.
- Ensure that the Quality Management System is adopted by all employees and updated in accordance with their progress in the process.



#### PRECISION CLEANING

Precision cleaning, which is of great importance especially in medicine, optics, dentistry and aviation, is needed in many sectors. With our Cleaning Systems and many other systems used for washing small or complex products, we can meet all your needs at the precise cleaning point. Our Cleaning Systems and other systems not only provide precise cleaning but also save time and energy. In addition, the cleaning chemicals used are water-based and our systems are environmentally friendly.



#### SOLUTION PARTNER

KSP Machine, with 20 years of engineering and manufacturing experience, is committed to finding solutions to all problems of its customers in terms of parts cleaning. KSP will be your solution partner with its High Performance, Qualified & Quality Service, Flexible, Fast, responsive solutions and customer satisfaction principles as a result of these. Most of manufacturing methods such as painting, welding, assembling or packaging needs degreasing, deburring, lubrication, passivation or similar processes. We can offer various processes according to your needs. KSP is always the right solution partner to provide you the necessary cleaning systems for various manufacturing methods of yours. We are able to solve your cleaning needs with our standard products that has been manufactured so far. In the event that our existing systems are inadequate, we would like to state that we can offer you the most suitable washing system with our experience and ability.

#### Industrial Washing Machines and Systems manufactured by KSP Machine;

- Multi-Process Washing- Rinsing- Drying Machines,
- Tunnel Type Conveyor Series Washing Machines,
- Multi-Station Belt Type Washing Systems,
- Cabin Type Automatic Multiple Washing Processes,
- Top Loading High Pressure Spray Washing System with Rotary Basket,
- Front Loading High Pressure Spray Washing System with Rotary Basket,
- Diesel Particulate Filter Cleaning Machines,
- High Pressure Cabin Washing Machines,
- Platform Agitation Washings,
- Ultrasonic Cleaning Machines,
- Multistage Ultrasonic Cleaning System,
- Robot Transport Ultrasonic Cleaning System.

#### The sectors we serve as KSP are;

- Industrial Parts Washing Machines and Systems
- Automotive Repair and Maintenance Stations
- Equipment Cleaning Machines
- Aviation and Defense Industry
- Transportation and Logistics Industry
- Heavy Duty Sector
- Machining Sector
- Food Industry
- Electrical and Electronics Industry
- Medical, Optics and Dentistry
- Metalwork, Coating and Pre-Paint Preparation Systems
- Coating and Phosphate Systems
- Surface Treatment Systems

