



KSM

CENTRIFUGAL DISC FINISHING

Centrifugal surface finishing machines are used for precise deburring and polishing process of small metal and non-metal parts.



Advantages of the KSM series

- The speed of processing is 10 times faster than vibratory bowls.
- Our centrifugal bowls are produced as hardened aluminum casting and provide ease of unloading thanks to their light alloy.
- Our high-volume bowls are easily unloaded with standard reducer.
- Unloading is optional in low-volume bowls.
- The housing is insulated against water or corrosion.
- Resistance to acidic environments with double layer epoxy paint.
- The basin and bowl gap is designed in the most suitable way and the VORTEX effect allows fast processing.
- Minimized service and spare parts costs thanks to the long-lasting basin-bowl gap.
- The parts can be separated by the sieve after deburring or polishing process. The separator is manufactured for KSM series and sieve plates can be changed to fit the required dimensions.
- All centrifugal finishing machines have standard electrical box, equipped with time control, speed control unit.
- All parts used in our machines are selected according to EU standards.

Zero (0,2) gap

KSM series surface treatment machines use two kinds of main plates. It is decided to use INOX or polyurethane main plate according to the size and structure of your product.



KSM160 INOX can use 0,2 mm gap min.



KSM160 PU

Special plate design

The main plate design is patented and lasts three times longer than its counterparts. Thanks to its special design, the spacing of the plates can be reduced up to 0.2 mm.



Manual unloading is generally preferred in our KSM 60 series surface treatment machines. An optional automatic unloading is also available. All KSM series are included speed control unit.



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Special vortex effect

With the vortex effect created by the special plate design, the products move not only on the horizontal axis but also on the vertical axis. Thus, the process is extremely fast.

High speed

All KSM series surface treatment machines process 10 times faster than conventional vibration machines.



KSM160 unloading system.



KSM control panel.



Unloading system stopper box.



Compounds taps.



Compounds taps.

Technical Features

With our KSM18-D (double) model, you have the opportunity to run wet and dry at the same time.

KSM SERIES



DESCRIPTION	KSM18	KSM60	KSM160
Working bowl gross volume (lt)	21	63	179
Diameter of working bowl (mm)	340	520	720
Engine power (kW), 380V / 50Hz	0,75	2,2	5,5
Engine (RPM)	1500	1500	1500
Dosage pump (5 lt / 7bar)	Standart	Standart	Standart
Weight (kg)	120	380	1100
Unloading system	Manual	Manual	Manual



KSM18 INOX main plate for the dry process.



KSM18 PU main plate for the wet process.