

# DISC FINISHING MACHINES

Round vibratory machines have a wide spectrum of applications, what distinguishes them from rotary tumblers and disc finishing machines. By choosing correct media type, compound and appropriate process parameters it is possible to obtain desired results – cleaning, grinding,

smoothing and polishing. Interactions between media-workpiece and workpiece-workpiece are much less aggressive than in case of disc polishing machines. This results in efficient grinding or smoothing of fine and fragile jewelry workpieces. Processing in round vibratory

machines is up to 5 times faster than in rotary tumblers. During this process, the workpieces and the grinding material are added loosely into a container which is open at the top. The items are oscillated through an imbalance in weight, which forces them into a screwing movement.

## EC series (TABLE-TOP)



▲ **EC6**

- available for wet (EC6 W, EC10 W, EC18 W) or dry processing (EC6 D, EC10 D, EC 18 D)
- designed for mass finishing of small workpieces (from 0,5 up to 4 kg at one time)
- suitable for deburring, radiusing, degreasing, cleaning, smoothing, brightening, polishing



▲ **EC10**

- processing with ceramic, plastic and porcelain chips as well as stainless steel shot
- compact desktop unit
- optimized media movement and excellent processing results due to curved flow-optimized design of the working bowl



▲ **EC18**

- processing of very thin pieces and trouble-free maintenance through use of a very precise gap system (0,05 mm upwards)
- tilted working bowl for easy unloading
- toroidal movement prevents pieces from sticking to each other and results in targeted material erosion
- processing time is several times shorter comparing to Vibratory Machines

MACHINE	WORKING BOWL CAPACITY	WORKING BOWL INSIDE DIAMETER	DIMENSIONS	WEIGHT	POWER	SUPPLY
<b>EC6</b>	6 l	210 mm	525x486x702 mm	33 kg	0,3 kW	230 V
<b>EC10</b>	10 l	265 mm	420x520x895 mm	51 kg	0,4 kW	230 V
<b>EC18</b>	18 l	320 mm	493x606x1024 mm	66 kg	0,65 kW	230 V



# TE series (STAND-ALONE)



▲  
**TE18**



▲  
**TE10x2**



▲  
**TE18x3**

MACHINE	WORKING BOWL CAPACITY	WORKING BOWL INSIDE DIAMETER	DIMENSIONS	WEIGHT	POWER	SUPPLY
<b>TE10</b>	10 l	265 mm	460x910x1800 mm	101 kg	0,6 kW	230 V
<b>TE10x2</b>	2x10 l	2x265 mm	920x910x1800 mm	184 kg	1,2 kW	230 V
<b>TE10x3</b>	3x10 l	3x265 mm	1350x910x1800 mm	274 kg	1,8 kW	230 V
<b>TE18</b>	18 l	320 mm	460x910x1800 mm	124 kg	0,8 kW	230 V
<b>TE18x2</b>	2x18 l	2x320 mm	890x910x1800 mm	235 kg	1,2 kW	230 V
<b>TE18x3</b>	3x18 l	3x320 mm	1350x910x1800 mm	340 kg	1,8 kW	230 V
<b>TE30</b>	30 l	400 mm	500x1040x1800 mm	168 kg	1,5 kW	230 V
<b>TE60</b>	60 l	525 mm	1270x1160x1690 mm	365 kg	4,0 kW	3x400 V