



DISC FINISHING MACHINES



Watch a video about work of disc finishing machines on YouTube

Disc finishing machines are the most modern as well as the fastest machines designed for surface processing. Processing time is determined by the centrifugal force, which is created by rotating movement of the bottom disc. Bottom disc puts the media and workpieces into spiral movement. Curved shape of the working bowl eliminates impingement and provides efficient media flow in the working bowl. It also results in shortening of the process time. Processing times in disc finishing machines are several times shorter than in vibratory machines and up to 20 times shorter than in rotary tumblers.

Machines in this series are to replace the initial manual processing and prepare the workpieces for subsequent finishing processes up to the polishing stage. Disc finishing machines

are suitable for **deburring; blunting and rounding edge; grinding; degreasing; cleansing; removal of scale, rust, carbon deposit; smoothoning; polishing.** Applied dosing system and emptying of working bowl facilitate often cycle changes, what significantly increases efficiency of the process.

Our machines are also available as combined versions (e.g. Wet+Wet, Wet+Dry). Disc finishing machines are suitable for wet and dry processing. Wet processing is supported by chemical compounds, which increase slide properties and accelerate grinding process. In dry process the walnut media are pre-impregnated with grinding or polishing paste and the media is cooled down by means of air blower, which is integrated in the machine.



EC6 disc finishing machine

supply: 230 V; 50 Hz
power: 0,3 kW
weight: 33 kg
dimensions (WxDxH): 525x486x702 mm
working bowl capacity: 6 l.
working bowl inside diameter: 210 mm



EC10 disc finishing machine

supply: 230 V; 50 Hz
power: 0,4 kW
weight: 56 kg
dimensions (WxDxH): 420x520x895 mm
working bowl capacity: 10 l.
working bowl inside diameter: 265 mm



EC18 disc finishing machine

supply: 230 V; 50 Hz
power: 0,65 kW
weight: 66 kg
dimensions (WxDxH): 493x606x1024 mm
working bowl capacity: 18 l.
working bowl inside diameter: 320 mm



TE10
disc finishing machine

supply: 230 V; 50 Hz
power: 0,6 kW
weight: 101 kg
dimensions (WxDxH): 460x910x1800 mm
working bowl capacity: 10 l.
working bowl inside diameter: 265 mm



TE18
disc finishing machine

supply: 230 V; 50 Hz
power: 0,6 kW
weight: 124 kg
dimensions (WxDxH): 460x910x1800 mm
working bowl capacity: 18 l.
working bowl inside diameter: 320 mm



TE30
disc finishing machine

supply: 230 V; 50 Hz
power: 1,5 kW
weight: 168 kg
dimensions (WxDxH): 500x1040x1800 mm
working bowl capacity: 30 l.
working bowl inside diameter: 400 mm



TE60 ECO
disc finishing machine

supply: 400 V; 50 Hz
power: 4,5 kW
weight: 345 kg
dimensions (WxDxH): 900x910x1400 mm
working bowl capacity: 60 l.
working bowl inside diameter: 525 mm



TE60
disc finishing machine

supply: 3x400 V; 50 Hz
power: 4,7 kW
weight: 380 kg
dimensions (WxDxH): 1270x1160x1690 mm
working bowl capacity: 60 l.
working bowl inside diameter: 525 mm



TE10 x 2
disc finishing machine

supply: 400 V; 50 Hz
power: 1,2 kW
weight: 184 kg
dimensions (WxDxH): 900x910x1800 mm
working bowl capacity: 2x10 l.
working bowl inside diameter: 2x265 mm



TE10 x 3
disc finishing machine

supply: 400 V; 50 Hz
power: 1,8 kW
weight: 255 kg
dimensions (WxDxH): 1313x830x1750 mm
working bowl capacity: 3x10 l.
working bowl inside diameter: 3x265 mm



TE18 x 2
disc finishing machine

supply: 230 V; 50 Hz
power: 1,2 kW
weight: 235 kg
dimensions (WxDxH): 920x910x1800 mm
working bowl capacity: 2x18 l.
working bowl inside diameter: 2x320 mm



TE18 x 3
disc finishing machine

supply: 230 V; 50 Hz
power: 1,8 kW
weight: 330 kg
dimensions (WxDxH): 1350x910x1800 mm
working bowl capacity: 3x18 l.
working bowl inside diameter: 3x320 mm

COMBINED VERSIONS

DISC FINISHING