



Surface grinder

Description

High precision Surface Grinder

- Cycle control for automatic flat and spiral grinding
- User-friendly control panel with touch screen for entering all start and end points of the grinding program
- Stepping motor for vertical feed and AC motor for rapid feed up and down
- Cross-feed with DC motor for continuous and step feed
- Torsion-resistant, thermally stable, honeycomb ribbed Meehanite casting, especially suitable for heavy grinding work
- Hand scraped V and flat guide rails with Turcite-B coating. These guide rails are equipped with automatic lubrication to prevent wear of the guide rails, and ensure stable movement and long-lasting accuracy.
- The cruising speed of the ball screw is driven by an AC servo motor. There are two speeds - rough grinding speed and finish grinding speed, provide high efficiency.
- Maintenance-free precision spindle unit

Extra information

Item number	14362	
Model	ESG-1020TD	
EAN	8718242161596	
CBS Statistics number	84659300	
Article group	Surface grinder	
Brand	Huvema	
Features	Max. distance spindle table	500 mm
	Table size	254 x 506 mm
	Max. grinding length	520 mm
	Max. grinding width	280 mm
	Standard magnetic chuck size	250 x 500 mm
	Max. movement - hydraulic	580 mm
	Max. movement - manual	620 mm
	Max. Movement - infinite variable	60, 5-25 ; 50, 5-20 m/min
	Auto. transverse increment	1-13 mm
	Auto. constant feeding speed	20-320 mm/min
	Max. auto. transverse displacement	270 mm
	Max. manual transverse travel	300 mm
	Mpg per revolution	5 mm
	Mpg per degree	0,02 mm
	Automatic infeed	0.001-0.05 mm
	Mpg per revolution (optional)	1 mm
	Mpg per degree (optional)	0,005 mm
	Speed of grinding spindle	60, 3450 ; 50, 2850
	Diameter Grinding wheel	203 mm
	Width grinding wheel	12,7 mm
	Shaft hole grinding wheel	31,75 mm
	Hydraulic engine	0,74 HP/P
	Motor power supply	0,4 kW/Servo
Lifting motor	0,75 kW/Servo	
Grinding spindle power	5 HP/P	
Voltage	400 V	
Article group code	1105232	



