

Surface Grinding Machine

ELB SWDE 15 Unicon



Sorry the machine has been sold already!

| | |
|----------------------|-----------------------------|
| stock-no.: | 0800126 |
| type of machine: | Surface Grinding Machine |
| make: | ELB |
| type: | SWDE 15 Unicon |
| year of manufacture: | 1987 |
| type of control: | CNC |
| country of origin: | Germany |
| storage location: | Leipzig 1 |
| delivery time: | 2 - 3 days |
| freight basis: | EXW, free on truck unpacked |
| price: | on request |



technical details

| | |
|------------------------------------|------------------------------------|
| grinding length: | 1600 mm |
| grinding width: | 915 mm |
| workpiece height: | 600 mm |
| z-axis: | 840 mm |
| control: | Unicon |
| feed: | 0,001 - 2,0 mm |
| rapid traverse cross: | 2500 mm/min |
| feed: | z=quer/pro Hub: 0,2 - 150 mm mm |
| feed: | y=vertikal/ vertical.:3-375 mm/min |
| interface: | RS 422 + V 24 + 20ma |
| switched on hours: | 5786 h |
| table surface area: | L:2000xB:740 mm |
| magnetic plate size: | 1500x750 mm |
| table load: | 1,5 t |
| spindle cone: | 90 (1:5) mm |
| dimensions of grinding wheel: | 650x160x304,4 mm |
| grinding spindle speed: | 1000 - 2000 U/min |
| grinding spindle drive: | 37,5 - 75 kW |
| total power requirement: | 110 kW |
| weight of the machine ca.: | 18,0 t |
| dimension machine approx.LxWxH: | 6,8x3,9x3,8 m |
| dimensions electric cabinet LxWxH: | 2,0x0,61x2,0 m |

additional information

- Precision surface and profile grinding machine
- with incremental measuring system
- Central lubrication (automatic hydro-dynamic)
- Grinding wheel dressing device/profile dressing device
- Coolant system with belt separator for grinding sludge (filter belt fleece)

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- Control Unicon microprocessor, contouring control with 5 position-controlled axes
- Tischantrieb elektromechanisch mittels AC Motor Siemens, Typ 1PH7 (13,0 kW) und Simodrive 611. (=verschleißarm und stromsparend!)

further technical data:

- Cross feed per stroke: 0.2 - 150mm; setting at 0.001mm
- pendulum grinding feed 1.25 - 30 m/min. (x-axis)
- Vertical feed speed 3 - 375 mm/min. (y-axis)
- Cross travel rapid feed 2500 mm/min. (z-axis transverse movement)
- Cross feed transverse 4 - 2500 mm continuously (z-axis cross movement)
- Protocol for grinding accuracy is available.
- Screen display has been replaced.