

## Versatile graver and tool grinding machine for various tool geometries

### Facts that impress in terms of quality, performance and price

- ▶ Universally deployable thanks to versatile pivoting and adjustment options
- ▶ Many pivoting and adjustment options for creating engraving quills (cylindrical, centric, tapered)
- ▶ For grinding stamps, twist drills, electrodes, lathe tools, centres, etc.
- ▶ High level of precision thanks to rugged machine body and vibration-free driven precision grinding spindle
- ▶ Easy handling and operation
- ▶ Indexing head with 24 latching positions
- ▶ Adjustable dressing device



| Model                              | GH20T               |
|------------------------------------|---------------------|
| Article no.                        | 3100125             |
| <b>Technical data</b>              |                     |
| Electrical connection              | 400 V/3 Ph ~50Hz    |
| Motor output                       | 370 W               |
| <b>Speeds</b>                      |                     |
| Grinding disc speed, diamond       | 5,000 rpm           |
| Grinding speed                     | max. 35 m/s         |
| Motor speed                        | 2,750 rpm           |
| <b>Strokes</b>                     |                     |
| Tool holder travel                 | 140 mm              |
| Tool holder fine adjustment        | 18 mm               |
| Longitudinal fine adjustment       | 6 mm                |
| <b>Adjustable angle</b>            |                     |
| vertical/rear side                 | 0° - 40°            |
| horizontal/conical grinding        | 0° - 180°           |
| Negative angles                    | 0° - 52°            |
| Latching setting angle of rotation | 22* x 15°<br>180°   |
| <b>Collet chuck holder</b>         |                     |
| Clamping range                     | Ø 1 - 12 mm         |
| Clamping jaw type                  | 385E (5C), DIN 6341 |
| <b>Dimensions</b>                  |                     |
| Length x width x height            | 350 x 450 x 340 mm  |
| Net weight                         | 45 kg               |

\* Two latching positions occupied for sharpening drill bits

| Replacement grinding disc | Grain size      | Applications             | Article no. |
|---------------------------|-----------------|--------------------------|-------------|
| Corundum                  | Grain size: 80  | Fast-working steel (HSS) | 3100128     |
| Diamond                   | Grain size: 150 | Carbide                  | 3100129     |



### Comprehensive scope of delivery



- Spring collet 385E (5C) DIN 6341  
Ø 37.5 mm; L=89 mm; 20°
- Sizes Ø 4/6/8/10/12 mm



- Corundum cup grinding disc  
Ø 100 x 51 x Ø 20 mm
- Diamond cup grinding disc  
Ø 100 x 51 x Ø 20 mm  
(preassembled in as-delivered condition)



- Device for sharpening lathe tools



- Device for sharpening end mills



- Device for sharpening twist drill bits



- Operating tool