

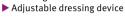
## **OPTIMUM**<sup>®</sup> MASCHINEN - GERMANY

## Versatile graver and tool grinding machine

for various tool geometries

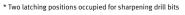
## Facts that impress in terms of quality, performance and price

- ▶ 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





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





## 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



Device for sharpening end mills



· Device for sharpening twist drill bits



Operating tool