Dieselland Equipment




# GM-SERIES MACHINES

## PRECISION GRINDING MACHINES
FOR FUEL INJECTON COMPONENTS




20 years of experience

# GM-SERIES

## PRECISION SURFACE GRINDING MACHINE

The GM-08 is a compact precision surface grinding machine designed for accurate grinding of adjusting shims, nozzle ends and other components used in diesel fuel injection systems.

Its movable worktable and fine 1 µm adjustment provide precise control over the grinding process, allowing operators to achieve consistent and highly accurate surface dimensions. The machine is particularly suited for professional diesel workshops where precise component adjustment and repeatable results are essential.

The GM-08 combines a compact design with a rigid working structure, making it practical for everyday use while maintaining the precision required for fuel-system component reconditioning.




## KEY NOTES

- **1 µm** — Adjustment gradiation
- **3600 RPM** — Speed of the grinding wheel
- **2** — Grinding modes
- **25mm** — Vertical movement

Adjusting shims · Nozzle ends · Flat components

# TECHNICAL DATA

## GM-08 BASIC/PREMIUM/AUTOMATIC

### BASIC



On request

| | |
|---|---|
| Automatic movement of the magnetic worktable | Manual ✗ |
| Adjustable Grinding Wheel speed controls | Constant ✗ |
| Spinning mode on the Vertical working spot | Unavailable ✗ |

### PREMIUM



On request

| | |
|---|---|
| Automatic movement of the magnetic worktable | Manual ✗ |
| Adjustable Grinding Wheel speed controls | Available ✓ |
| Spinning mode on the Vertical working spot | Available ✓ |

### AUTOMATIC



On request

| | |
|---|---|
| Automatic movement of the magnetic worktable | Automatic ✓ |
| Adjustable Grinding Wheel speed controls | Available ✓ |
| Spinning mode on the Vertical working spot | Available ✓ |

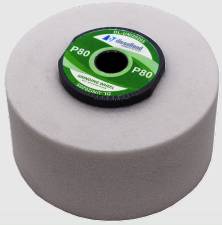
## DATA TABLE

| Parameter | Parameter |
|---|---|
| Motor power | 0,37 kW |
| Scale | 1 micron |
| Vertical movement of the wheel | 25 mm |
| Wheel revolutions | 3600 RPM |
| Grit | 80 grit |
| Dimensions (H x L x W) | 505 x 370 x 340 mm |
| Horizontal movement | 110 mm |
| Chuck working diameter | 2-22mm |
| Supply voltage | V ~220 V ±15% |
| Weight, net/gross | 60 kg /68 kg |

# SET OF DELIVERY

## GM-08

### DL-UNI20205




Grinding wheel, grit 80
Landing diameter 20mm
Outside diameter 100mm

### KEYS



- Hex key for magnetic table
- Square key for chuck

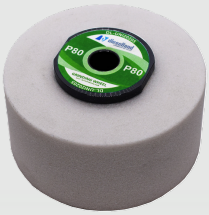
### Cable & Manual



# ADDITIONALS

## GM-08

### DL-UNI20205



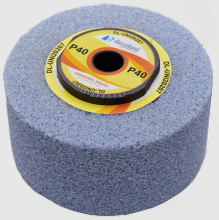
Grinding Stone grit 80

### DL-UNI20206



Grinding Stone grit 60

### DL-UNI20207



Grinding Stone grit 40

### DL-UNI20208



Grinding wheel conical, grit 80

### DL-GM50248



Modernized machine grinding wheel holder

### DL-GM50263



Wheel remover with mandrel