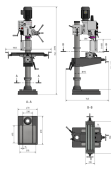


Drilling and Milling Machine with Geared Head

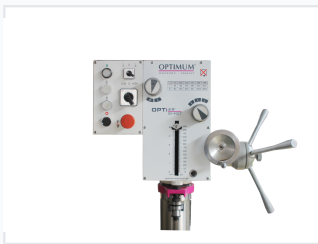
This drilling and milling machine has a heavy, solid cast design and a large XY table. Its polished gearwheels run in an oil sump for smooth action.

Specification



Item	Value
Model	OPTIMUM
Capacity	40 mm
Drilling Capacity	32 mm
Face Mill Capacity	76 mm
Spindle Speed Range	95 - 3,200 rpm
Head Tilt Range	± 45° (Left/Right)
Spindle Travel	120 mm
Available Spindle Tapers	MT3, MT4, R8, ISO30
Working Table Size	730 x 210 mm
Table Cross Travel (X/Y)	490 x 180 mm
T-Slot Configuration	3 slots, 14 x 63 mm

ADDITIONAL IMAGES



Overview

Versatile Geared Head Drilling and Milling Machine

This heavy-duty machine features a solid cast design with polished gearwheels running in an oil sump for exceptionally smooth operation. Designed for both precision milling and drilling, it offers a large speed range and a height-adjustable gear head to accommodate diverse workpieces. The integrated XY cross table and pivoting head provide the flexibility required for complex workshop applications and small-scale manufacturing.

Performance Metrics

Key Capabilities

40 mm

Drilling Capacity (Cast Iron)

32 mm

Drilling Capacity (Mild Steel)

76 mm

Face Mill Capacity

Spindle & Head

Spindle Speed Range	95 - 3,200 rpm
Head Tilt Range	± 45° (Left/Right)
Spindle Travel	120 mm
Available Spindle Tapers	MT3, MT4, R8, ISO30

Work Table

Working Table Size	730 x 210 mm
Table Cross Travel (X/Y)	490 x 180 mm
T-Slot Configuration	3 slots, 14 x 63 mm

Technical Features

Standard Features

- Two-stage industrial quality electric motor
- Polished gearwheels in oil sump
- Clockwise/Anti-clockwise rotation
- Drilling depth stop with scale
- Precisely adjustable V-ledges
- Height adjustable gear head and table

Physical Dimensions

Overall Dimensions	1060 x 750 x 1760 mm
Net Weight	360 kg
Base Size	670 x 470 mm

Clearances

Machine Clearances

Measurement Parameter	Distance
Spindle to Column	278 mm
Max Spindle to Table	600 mm
Max Nose to Base	1180 mm