

Gleason - PFAUTER
Gear Shaping Machine
AM 250

*The affordable way
to enter the world of
NC gear shaping!*



The new AM 250 – a standard machine for high productivity at minimum cost



More than ever must production costs be reduced. The modern NC technology is an absolute requirement to accomplish this, also when manufacturing gears.

A large number of common gear cutting requirements does not really call for highly specialized machinery. In such cases, standard machines of lower cost would well fill the bill.



The AM 250 is an ideal choice to do this!

The AM 250 offers the latest technical and technological possibilities for shaping spur and helical cylindrical machines.

All necessary units and supporting equipment are either integrated or attached to the machine. This has resulted in a very compact construction requiring minimum floor space; the machine can be picked up and placed as one unit, and quickly started up. An important consideration was to make all maintenance points readily accessible.

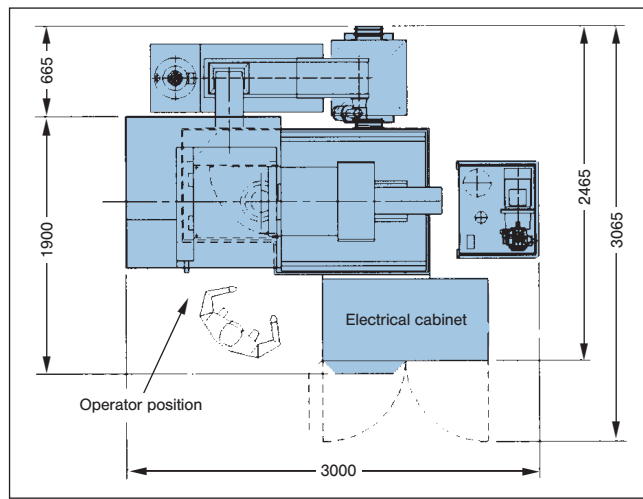
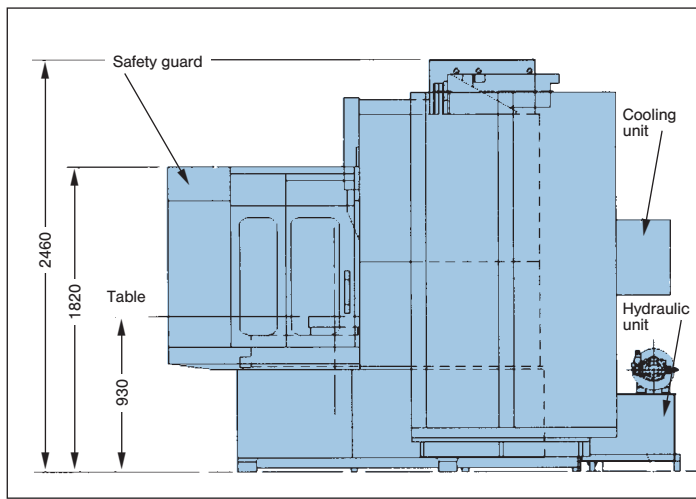
*Figures 1 and 2
Working examples.*

*Figure 3
Operator side AM 250.*



Machine dimensions

Technical data



Machine dimensions AM 250/50 R and AM 250/100 R

Model	AM 250/50 R	AM 250/100 R
Maximum nominal pitch diameter for external and internal gears	300 mm	300 mm
Maximum face width	50 mm	100 mm
Maximum outside diameter of fixture	480 mm	480 mm
Nominal module (approx. value)	5,0 mm	5,0 mm
Maximum helix angle with cutter diameter 125 mm	$\pm 45^\circ$	$\pm 45^\circ$
Center distance between cutter spindle and worktable axis	-70/+230 mm	-70/+230 mm
Maximum manual adjustment of stroke position	75 mm	75 mm
Manual column lateral offset	± 25 mm	± 25 mm
Total weight of base machine (approx.)	6,000 kg	6,000 kg

The information and specifications in this publication are subject to change without notice.

Gleason

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