

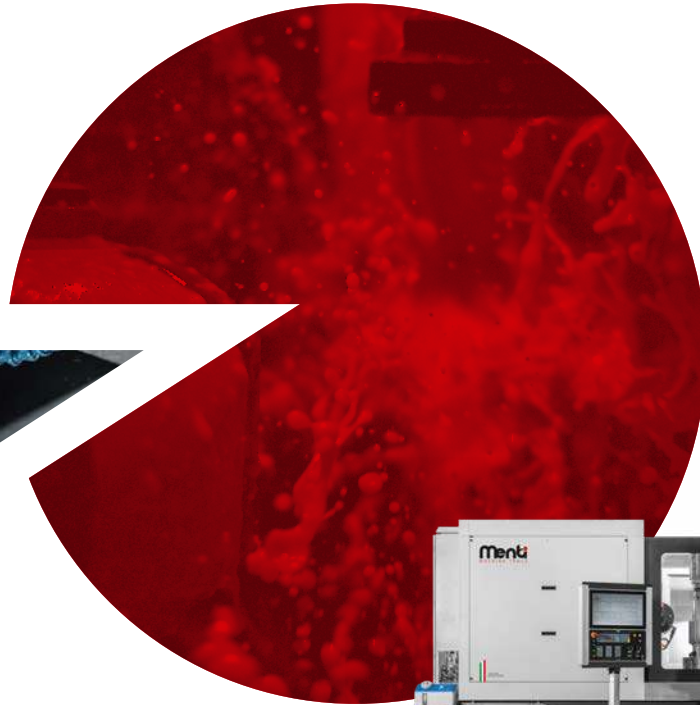
**25**  
SINCE 2000

*Pointing to the future*

ENG 

DM 10 V  
VERTICAL

# GEAR CUTTERS



**menti**  
MACHINE TOOLS

# MENTI MACHINE TOOLS.

**MENTI**  
designs and produces horizontal  
and vertical gear cutters, facing  
and centering machines and special  
customised machines.



## OPTIONAL ACCESSORIES

- DISC DEBURRING DEVICE
- SKIVING READING DEVICE
- LOADING AND UNLOADING PORTAL
- SUPPLY STORES
- TOOL CONTROL
- HOB EMERGENCY RETREAT AND SELF-SUFFICIENT RELEASE SYSTEM.





# OUR VERTICAL GEAR CUTTING SOLUTIONS

FLEXIBILITY AND ACCESSIBILITY  
FOR PROCESSING IMPORTANT PIECES

The new **DM10V vertical gear cutter** is an important expansion of the processing technologies available on the market. Compact and able to **cut pieces up to module 10 and with a 600 mm diameter**, it has great structural rigidity thanks to its **solid construction**, which **guarantees precision** and **repeatability** even when processing the most demanding pieces.

The machine comes standard supplied with Siemens One CNC control, a common solution that the full range of gear-cutting machines has. This offers operational uniformity and an intuitive interface for **simplified programming** and reduced setup times. This configuration allows clients to program processing independently, while the M Services technical support remains available for specific requirements or complex situations.

M Services has consolidated its position in the specialised machine tool sector thanks to an approach that combines technological innovation, product personalisation and qualified technical support. Our ability to answer different requirements, from entry-level solutions to advanced configurations, means the company is a strategic partner for industrial realities that require reliable solutions and controlled performances. The introduction of the new DM10V vertical gear-cutting machine is an additional step towards expansion of production capacity, which confirms our commitment towards continual innovation and the search for advanced technological solutions to increase the processing capacity of the precision mechanics market.



## GEAR CUTTER DM 10 V

High performance and plenty of loading space.

A modern design, compact, with **plenty of space for workpiece loading**, under Siemens One control. With a 22" touch screen and a simplified operator interface.



# DM10V



		<b>DM 10 V</b>
Machine	Max. workpiece diameter	Ø 600
	Max. workpiece length	1000 mm
	Max. tooth module	10 mm
	Min.- max. centre distance	30/450 mm
	Axial run (Z)	500 mm
	Radial run (X)	420 mm
Hob head	Max. hub diameter	200 mm
	Max. hub length	270 mm
	Shift axis run (Y)	250 mm
	Max. hob rotation speed (S)	600 RPM
	Spindle left/right incl. angle (A)	+ 45° - 45°
	Spindle connection	ISO 40C
	Spindle torque	450 Nm
Table	Table rotation speed (C)	110 RPM
	Table hole	Ø 100
	Table motor torque	868 Nm
Axes	Z axis rapid	12,000 mm/min
	X axis rapid	12,000 mm/min.
	Y axis rapid	5,000 mm/min.
Tailstock	Tailstock run (W)	700 mm
	Max. thrust force	750 daN
Cooling system	Pump capacity	L/min. 80
	Tank capacity	Lt. 200
Pneumatic system	Working pressure	8 BAR
Hydraulic power unit	Pump capacity	L/min. 12
	Tank capacity	Lt. 60
Lubrication control unit	Working pressure	16 BAR
	Tank capacity	Lt. 2.7
Size	Width, depth, height	2450 - 3860 - 2300

COMPANY WITH  
QUALITY SYSTEM  
CERTIFIED BY DNV

ISO 9001

**menti**  
MACHINE TOOLS



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Menti Machine Tools  
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