

CMX 1100 V



Designmuster – Änderungen vorbehalten.

Design example – subject to alteration.

cmx-1100-v.dmgmori.com

Highlights

- _ **3D control technology with the new DMG MORI SLIMline® multi-touch control**
(19" / Operate on SIEMENS 840D SL or HEIDENHAIN TNC 620)
- _ **Machine bed in C-frame design with Dual Support** – FEM-optimised for maximum stiffness
- _ **Standard inline spindel, opt. inlineMASTER® up to 15.000 rpm & 36 months warranty**
- _ **Tool magazine 30 pos.** with double gripper as standard, optional up to 60 position
- _ **Best positioning accuracy of 6 µm** (according to ISO 10791-4) in standard.
- _ **DMG MORI IoTconnector included in standard!**
- _ **Possibility of integrate automation with DMG MORI automation solutions**

DMG MORI CMX 1100 V

Machine and Options

Basic machine

Vertical Machining Centre
CMX 1100 V

C-A3375F* 1

Axes travel:
X / Y / Z - 1100 / 560 / 510 mm

Standard Equipment:

1. Table dimensions: 1400 x 560 mm
2. Rapid Feed Linear Axes 30 m/min
3. Spindle speed range 20 to 12.000 rpm
4. AC Main Drive: 13/9 kW (40/100% DC)
5. Tool Taper SK40 DIN 69871
Tool Clamping according to DIN69872
6. Tool Magazine 30 Places, chain with pockets
and
with double gripper
7. Direct Measuring System X, Y, Z
inclusive air purge for measuring system
8. Coolant air-blast changeover
external switchable via M-Function;
9. Chip tank
10. DMG MORI IoT*connector*

Control

DMG MORI SLIM*line*® Multi-Touch control
(19" / HEIDENHAIN TNC 620)

C-B3098F* 1

Packages

Production Package 20 bar with chip conveyor C-K3653F* 1

Option includes:

- Internal coolant supply 20 bar
- Chip conveyor (scraper type) with tank capacity: 250 l(left)
- Bed and ATC arm flushing via M-Function
- Coolant spray gun for swarf removal
- External electronic handwheel
- Cabin roof (automatic via M-Function)
- Signal lamp with 4 colours
- Double cartridge filter for coolant

Note:

1. When one filter is stuck, operator can manually switch

the coolant flow to the second one
and clean or change the plugged filter without stopping
the machine.

2. Additionally to this option: Oil- and Emulsion Mist

Separator is especially recommended.

3. Also recommended: option RotoClear view window

and automatic magazine shutter (instead of brushes)
- especially for production conditions with small / fine chips.

Documentation

Documentation-1 hungarian C-HU1 1

Screen text language

Screen text hungarian C-D-HU 1

Digitalization Products

DMG MORI Connectivity

Digital Manufacturing Package

D-CO200* 1

(1) IoTconnector

Allows the use of the Online services from DMG MORI

(2) Machine Data Connector (MDC)

Standardized machine data interface
Protocols: OPCUA, MTConnect, MQTT

(3) NETservice

Qualified support through internet-based remote diagnosis