

CLX 450



Highlights

- _ **3D control technology with DMG MORI Multi-Touch Control Panel 19" for Siemens 840D and Shop Turn or Fancu i-Series cnc with 19" screen and Manual Guide**
- _ **DMG MORI IoTconnector included in standard!**
- _ **Highly dynamic spindle with power 25,5 kW and torque 426 Nm (40% DC), max. speed 4.000 rpm**
- _ **Optional Y axis ± 60 mm and counter spindle for superior turning / milling operation**
- _ **Bar capacity $\varnothing 80$ mm in standard and 12-positional turret VDI 40 + 6 BT stations**
- _ **Improved bed construction, linear guideways in all axes (size 45 mm)**
- _ **Possibility of complete automation with the DMG MORI solutions**

DMG MORI Tortona s.r.l

CLX 450

Machine and Options

Basic machine

CLX 450 V4 C-A4907F 1
2-axes universal turning center with driven tools,
C-axis and Y-axis

Standard equipment:

1. Ergonomic DMG MORI SLIMline®
2. Main spindle A2-8" with AC motor,
drive rating 17 / 25,5 kW (100/40% DC), 4.000
rpm
3. 12-stations servo turret VDI 40
with 12 driven tool stations (coupling DIN5480)
and 6 BT stations around the turret disc
4. Direct measuring system for X / Y axis
5. Chip tank
6. Hydraulic hollow clamping cylinder,
max. bar capacity D80 mm
7. Hydraulic tailstock controlled by M functions
8. External electronic handwheel
9. Y-axis ± 60 mm
10. DMG MORI IoT*connector*

Technical Data CLX 450 C-A1759G* 1
(see attachment)

Control

DMG MORI SLIMline® multi-touch control C-A1731F* 1
(19" / Operate 4,7 on SIEMENS)

Packages

Pre-setting package: C-P7223F 1
Option includes:
- manual tool measuring probe made by
MARPOSS
- chip conveyor with right side discharge
instead of chip tank
- signal lamp with 4 colours

For this option high pressure pump is
recommended
(group of options *Cooling media / chip removal*).
Option recommended in case of production
conditions
with small / fine chips.

Options for main spindle

Clamping with balanced pressure for main spindle	C-B0046F	1
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Chucks for main spindle

Hydraulic 3-jaw chuck D254 mm SAMCHULLY MH-210 Option includes set of hard jaws Chuck through hole: D82 mm Note: 1. Bar capacity is limited to D80 mm by hydraulic clamping cylinder hole	C-S2558F	1
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Cooling media / chip removal

Coolant spray gun 5 bar	C-Z2313F	1
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General options

PROTime Electronic display Display functions: - remaining machining time - remaining parts to be produced - machine status Note: 1. Option available only with CNC Siemens	C-B3025F	1
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Documentation

Documentation-1 hungarian	C-HU1	1
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Screen text language

Screen text hungarian	C-D-HU	1
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Digitalization Products

DMG MORI Connectivity

Digital Manufacturing Package (1) IoTconnector Allows the use of the Online services from DMG MORI	D-CO200*	1
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(2) Machine Data Connector (MDC)
Standardized machine data interface
Protocols: OPCUA, MTConnect, MQTT

(3) NETservice
Qualified support through internet-based remote diagnosis