

## Koriforg Kft

### CLX 350



#### 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 16,5 kW and torque 168 Nm (40% DC), max. speed 5000 rpm**
- \_ **Optional Y axis  $\pm 40$  mm and counter spindle for superior turning / milling operation**
- \_ **Bar capacity  $\varnothing 65$  mm in standard and 12-positional turret VDI 30**
- \_ **Improved bed construction and linear guideways in all axes (size 35 mm)**

# DMG MORI CLX 350

Machine and Options	Quantity
<b>Basic machine</b>	
<b>CLX 350 V6</b> 2-axes universal turning center with driven tools, C-axis, Y-axis and counter spindle	C-A3520F 1
Standard equipment: 1. Ergonomic DMG MORI SLIMline® 2. Main spindle A2-6" with AC motor, drive rating 11 / 16,5 kW (100/40% DC), 5000 rpm 3. Radial servo turret VDI 30 with 12 driven tool stations and precise Trifix® interface (coupling DIN5480) 4. Direct measuring system for X / Y axis 5. Chip tank 6. Hydraulic hollow clamping cylinder, max. bar capacity D65 mm 7. Counter spindle A2-5" as integrated spindle motor ISM 36 with hydraulic partial hollow clamping device, power 12,6 / 16,2 kW (100/40% DC), 5000 rpm 8. External electronic handwheel 9. Y-axis +/- 40 mm 10. DMG MORI IoTconnector	
Technical Data CLX 350 (see attachment)	C-A3595F* 1
<b>Control</b>	
DMG MORI SLIMline® multi-touch control (19" / SIEMENS operate)	C-A1733F* 1

## Packages

Bar package & bar Interface C-P7242F 1

Option includes:

- part catcher, for parts up to D 65 x 200 mm  
max. workpiece weight 3 kg with part  
compartment

situated in front of machine (outside working  
area)

- interface for bar feeder or bar loading device  
(DMG MORI Standard)

- 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

## Chucks for main spindle

Hydraulic 3-jaw chuck D210 mm,  
Samchully MH-208 C-S2563F 1

Option includes set of hard jaws  
and connecting elements

Chuck through hole: D66 mm

Note:

1. Bar capacity is limited to D65 mm by hydraulic  
clamping cylinder hole

Collet chuck HAINBUCH C-Q2599F 1

SPANNTOP nova combi deadlength size 65

Option includes connecting elements

Max. bar capacity D65 mm

Note:

1. Collets and manual changing device are  
not included in the scope of supply

2. This chuck is recommended for machining  
from bar,

when machine is in V6 version with counter  
spindle

## Options for counter spindle

External chuck flushing for counter spindle C-B0051F 1

Note:

1. Option recommended for machines equipped  
with automation

Pneumatic workpiece ejection device for counter spindle with internal coolant supply for chuck flushing  
C-B0053F 1  
Note:  
1. Option recommended for machine equipped with part catcher

Auxiliary tailstock function for the counter spindle  
Simple and user-friendly cycle to control the tailstock with graphic support of programming.  
Adjustable thrust force through the cycle: 0,7 – 2,5 kN.  
C-B0056F 1  
Note:  
1. Option available only for machine in V6 version.  
2. Center is not included in the scope of supply.  
3. Option includes foot pedal.

Clamping with balanced pressure for counter spindle  
C-B0047F 1

### **Chucks for counter spindle**

Hydraulic 3-jaw chuck D169 mm  
SAMCHULLY HS-06 for counter spindle  
Option includes set of hard jaws and connecting elements  
Chuck through hole: D46 mm  
C-S2555F 1  
Note:  
1. Draw tube inner diameter of counter spindle is D37 mm

Collet chuck HAINBUCH  
SPANNTOP nova combi deadlength size 65 for counter spindle  
Option includes connecting elements  
Max. bar capacity D65 mm  
C-Q2600F 1  
Note:  
1. Collets and manual changing device are not included in the scope of supply  
2. Draw tube inner diameter of counter spindle is D37 mm

## Cooling media / chip removal

12 bar / coolant set C-F2016F 1

Option includes:

- high pressure pump 12 bar;
- double cartridge filter for coolant;

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.

Note:

1. Option available only for machine with package containing chip conveyor.

Coolant spray gun 5 bar C-Z2313F 1

Preparation for oil-mist extractor unit C-H2106F 1

Option includes only mechanical preparation  
Opening diameter: D200 mm

## General options

PROTime C-B3025F 1

Electronic display

Display functions:

- remaining machining time
- remaining parts to be produced
- machine status

Note:

1. Option available only with CNC Siemens

## Tool holders

Set of tool holders from WTO C-N2021F 2

with VDI 30 shaft for V6 version

Option includes:

- 2x tool holder type D1 30x20
- 1x both sides tool holder with cylindrical shank D32 for drills/boring bars
- 2x both sides, double Y axis tool holder for 4 turning shanks

Set of driven tool holders from WTO with VDI 30 shaft  
 for V6 version for ER 25 collets for drilling/milling operations  
 QuickFlex® quick change system  
[www.wto-quickflex.com](http://www.wto-quickflex.com)  
 Option includes:  
 - 1x driven tool holder 0° ER 25QF  
 - 1x both sides driven tool holder 90° ER 25QF with Trifix  
 - 1x quick change adapter QF25-D16 for milling cutter  
 - 1x one-hand wrench set (patented)  
 Suitable for coupling according to DIN5480  
 Note:  
 1. Collets are not included in the scope of supply

C-N2038F

2

**Documentation**

Documentation-1 hungarian C-HU1 1

**Screen text language**

Screen text hungarian C-D-HU 1

Digitalization Products	Quantity
-------------------------	----------

**DMG MORI Connectivity**

**Digital Manufacturing Package (1) IoTconnector** D-CO200\* 1  
 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

**DMG MORI Monitoring**

**Messenger V4** D-MO002\* 1  
 Clear presentation of the machine live status.