

Gildemeister CLX 450 TC



Product code	89-001404
Manufacturer	Gildemeister
Model	CLX 450 TC
Type	CNC turn-/mill center
Condition	Used machine
Control	Siemens 840 Dsl
Year of manuf.	2021

Mainspindle

Technology
Speed
Power (max.)
Torque (max.)
Barcapacity
Turning diam.
Turning length
Workpiececlamping

Motorspindle
5.000 rpm
17 kW
345 Nm
65 mm
400 mm
1100 mm
3-Jaw chuck, SMW Autoblok KNCS-N 210-52

Subspindle

Technology
Speed
Power (max.)
Torque (max.)
Workpiececlamping
Movement in Z
Thrustforce (Tailstockfunction)

Motorspindle
5.000 rpm
17 kW
345 Nm
3-Jaw chuck, SMW Autoblok KNCS-N 210-52
1,200 mm
2,5-6 kN

Tollcarrier (X/Y/Z/B)

Technology
Speed
Power (max.)
Torque (max.)
Taper
Swivelrange in B

Swivelaxis with turn-/millspindle compactMASTER
12.000 rpm
10,5 kW
90 Nm
HSK-A63
+/- 120°

In general

Toolmagazine
Movement in X/Y/Z
Rapid travers in X/Y/Z

Chainmagazine, 60 stations
750/200/1.100 mm
40 m/min

Equipment

Positionsensor
Chipmanagement
Coolingmanagement

Toolmeasurement
Workpiecehandling
Automatic workingdoor
Setup operations
Oilmistseparation
Further Accessory

Direct scales in X/Y/Z
Chip conveyor
Internal cooling unit with paperbeltfilter and High-
pressure, 20 bar
Touchprobe, Renishaw RP1
Electric interface for Robo2Go prepared
Electrical
Electronic handwheel
Interface for extraction prepared
Rinsing pistol

