

CNC flat grinding machine SMART-H2048IV

Model	SMART-H2048IV
Brand	<u>CHEVALIER</u>
Condition	new
Table	1200 x 500 mm
Grinding area	1200 mm
Origin	Taiwan

⌚ approx. 6 months from order

€ 156.560,00

Leasing*: € 2.958,98



General characteristics

Grinding length	1200 mm
Distance spindle - table	850 mm
Table	1200 x 500 mm
Grinding area	1200 mm
Magnetic table	1200 500 mm
Table speed	5 - 30 m/min
Cross feed	0 - 5000 m/min
Max. cross feed	560 mm
Vertical feed	0 - 2000 mm/min
Vertical feed incremental	0.001 mm
Spindle revs	500 - 2200 rpm
Spindle motor	11 kW
Hydraulic motor	3.7 kW
Cross feed motor	3.1 kW
Feed motor grinding wheel	2.4 kW
Table height	900 mm
Max. workpiece weight on magnetic table	930 kg
Max. workpiece weight on t-slot table	1250 kg
Grinding wheel dimensions	405 x 50 x 127 mm

Dimensions and weight

Length	4600 mm
Width	2950 mm
Height	2745 mm
Transport dimensions	4610 x 2290 x 2500 mm
Weight	6400 kg

Description

Smart i control with 10.4" touchscreen on a swiveling panel, with electronic wired handwheel

- RS232, USB I/O connection
- SMART Grind Cam (dxf transfer in G code)
- PC based control with graphical dialog programming or G-code programming

Infinitely variable speed

Surface grinding cycle, cross grinding cycle, plunge grinding cycle, multiple groove grinding cycle, contour grinding cycle, dressing cycle

Spindle with 6 angular contact ball bearings (P4, checkout 7)

Air purge spindle

Longitudinal guides with double V shape, with Turcite-B coating

Transverse and vertical feed with precision ball screws (class C2) and servo motors

Longitudinal feed hydraulically

Linear scale on Y-axis 675mm

Fully enclosed splash guard with lamp

Electromagnetic chuck plate 1200 x 500 mm

Coolant system with automatic paper filter and magnetic separator

automatische Abziehvorrichtung am Tisch montiert, ohne Diamant, mit automatischer Kompensation *

Grinding wheel

Grinding wheel flange

Grinding wheel balancing scale

Heat exchanger for electric cabinet

Machine and equipment in accordance with CE regulations

Operating manual in GERMAN or ENGLISH

Price FOB Taiwan

* The exact configuration of the dresser must be clarified before ordering

Further information

Brochures

- [smart-20_24iv_en_20230614_r2_web.pdf](#)
- [chevalier_smart_icontrol-en_20230222.pdf](#)

Product video

- [odjxofzix0e.youtube](#)

Notice

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