CNC flat grinding machine SMART-B2480IV

Model	SMART-B2480IV
Brand	CHEVALIER
Condition	new
Table	2000 x 600 mm
Origin	Taiwan

⏱ approx. 6 months from order

€ 247.940,00



General characteristics

Grinding lenght	2100 mm
Distance spindle - table	850 mm
Table	2000 x 600 mm
Magnetic table	2x 1000 x 600 mm
Table speed	0 - 20 m/min
Cross feed	0 - 5000 m/min
Max. cross feed	685 mm
Vertical feed	0 - 2000 mm/min
Vertical feed incremental	0.001 mm
Max. elevating movement	675 mm
Spindle revs	500 - 2200 rpm
Spindle motor	11 kW
Table height	900 mm
Max. workpiece weight on magnetic table	1240 kg
Max. workpiece weight on t-slot table	2000 kg
Grinding wheel dimensions	405 x 50 x 127 mm
Servo-axis motors Y/Z	3,1 / 3,1
Servo-axis motor X	7.5 kW
Positioning accuracy	X: 0,008, Y/Z: 0,005 mm
Repeat accuracy	X: 0,006, Y/Z: 0,003 mm

Dimensions and weight

Length	7710 mm
Width	3320 mm
Height	2850 mm
Transport dimensions	6530x3200x3350 mm brutto 13.500 kg 40FR mm
Weight	10200 kg

Description

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

with graphical dialog 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, class 7)

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

All 3 axix with precision ball screws (class C2) and AC servo motors

Fully enclosed splash guard with lamp

Electromagnetic chuck plate

Coolant system 250 lt with automatic paper filter and magnetic separator

Automatic diamond roller dresser mounted on the table, with automatic compensation *

Grinding wheel

Grinding wheel flange

Grinding wheel balancing scale

Machine and equipment in accordance with CE regulations

Operating manual in GERMAN or ENGLISH

Accuracy standard ISO 1986-1

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

Further information

Brochures

- Katalog Flachschleifmaschinen Chevalier Smart 20 - 24 IV
- Datenblatt Chevalier Smart icontrol Steuerung

Product video

- k7rsfznk_i4.youtube

Notice

Prices ex location, excluding VAT.

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Price changes and errors excepted.

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