CNC flat grinding machine SMART-B1224IV

Model	SMART-B1224IV
Brand	CHEVALIER
Condition	new
Table	600 x 300 mm
Origin	Taiwan

⏱ approx. 6 months from order

€ 119.920,00

Leasing*: € 2.266,49



symbol photo (shows SMART-B1640IV)

General characteristics

Grinding lenght	610 mm
Distance spindle - table	600 mm
Table	600 x 300 mm
Magnetic table	600 x 300 mm
Table speed	0 - 20 m/min
Cross feed	0 - 3000 m/min
Max. cross feed	350 mm
Automatic vertical feed	440 mm
Vertical feed	0 - 3000 mm/min
Vertical feed incremental	0.001 mm
Spindle revs	500 - 1800 rpm
Spindle motor	11 kW
Table height	975 mm
Max. workpiece weight on magnetic table	195 kg
Max. workpiece weight on t-slot table	370 kg
Grinding wheel dimensions	355 x 50 x 127 mm
Servo-axis motors Y/Z	1,1 / 1,1
Servo-axis motor X	3.9 kW

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Dimensions and weight

Length	3160 mm
Width	2450 mm
Height	2080 mm
Transport dimensions	3400 x 2200 x 2530 mm
Weight	4000 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 4 angular contact ball bearings (P4, class 7)

Longitudinal and cross guides with heavy duty needle roller bearing for low friction, better accuracy and lower maintenance costs

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

Fully enclosed splash guard with lamp

Electromagnetic chuck plate

Coolant system 120 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 818-12-16IV
- Katalog Flachschleifmaschinen Chevalier Smart icontrol Steuerung

Product video

- 6a4qu1kb904.youtube

Notice

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