# CNC flat grinding machine SMART-B2464IV

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|---|---|
| Model | SMART-B2464IV |
| Brand | CHEVALIER |
| Condition | new |
| Table | 1600 x 600 mm |
| Origin | Taiwan |

⏱ approx. 6 months from order

**€ 232.970,00**



Symbolfoto

## General characteristics

| | |
|---|---|
| Grinding lenght | 1700 mm |
| Distance spindle - table | 850 mm |
| Table | 1600 x 600 mm |
| Magnetic table | 2x 800 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 | 1335 kg |
| Max. workpiece weight on t-slot table | 1850 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 |

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## Dimensions and weight

| | |
|---|---|
| Length | 6165 mm |
| Width | 3320 mm |
| Height | 2850 mm |
| Transport dimensions | 5730x3200x3350 mm brutto 12.700 kg 40FR mm |
| Weight | 9500 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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