

CNC flat grinding machine SMART-H1640IV

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|-----------|------------------|
| Model | SMART-H1640IV |
| Brand | <u>CHEVALIER</u> |
| Condition | new |
| Table | 1.000 x 400 mm |
| Origin | Taiwan |

⌚ approx. 6 months from order

€ 124.480,00

Leasing*: € 2.352,67



General characteristics

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|---|-------------------|
| Grinding length | 1015 mm |
| Distance spindle - table | 600 mm |
| Table | 1.000 x 400 mm |
| Magnetic table | 1.000 x 400 mm |
| Table movement hydraulic | 1100 mm |
| Table speed | 5 - 25 m/min |
| Cross feed | 0 - 3000 m/min |
| Max. cross feed | 450 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 |
| Hydraulic motor | 2.2 kW |
| Cross feed motor | 1.1 kW |
| Feed motor grinding wheel | 1.1 kW |
| Max. workpiece weight on magnetic table | 250 kg |
| Max. workpiece weight on t-slot table | 470 kg |
| Grinding wheel dimensions | 355 x 50 x 127 mm |

Dimensions and weight

| | |
|--------|---------|
| Length | 4450 mm |
| Width | 2655 mm |
| Height | 2080 mm |
| Weight | 4200 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 4 angular contact ball bearings (P4, checkout 7)

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

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

Longitudinal feed hydraulically

Fully enclosed splash guard with lamp

Electromagnetic chuck plate

Coolant system 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

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

Further information

Brochures

- [Katalog Flachsleifmaschinen Chevalier Smart 818-12-16IV](#)
- [Katalog Flachsleifmaschinen Chevalier Smart icontrol Steuerung](#)

Product video

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- [6a4qu1kb904.youtube](https://www.youtube.com/watch?v=6a4qu1kb904)

Notice

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