

## Specification

### Working Capacity

max. grinding length	2000mm
max. grinding width (with a 76 mm wheel)	750mm
max. grinding width (with a 100 mm wheel)	775mm
max. Distance from table plane to spindle axis	900mm

### Table - X Axis

table length	2000mm
table width	600mm
T- slots available	4
T-slot width	18 mm
T-slots centre distance	125 mm
working speed range (infinitely variable)	0÷40m/min
max. travel distance	2300mm
max. admissible load	3000kg

### Column - Y Axis

max. travel distance	675mm
working speed range (infinitely variable)	0÷4 m/min
min. programmable increment	0.001mm

### Wheelhead - Z Axis

spindle speed (50 Hz)	1450rpm
spindle speed range (infinitely variable) with digital inverter option	1000÷2000rpm
max. speed	1.5m/min
min. programmable increment	0.001 m

### Grinding Wheel

Standard wheel dimensions (ODxWxBD)	400 x 76 x 127mm
wheel recess dimensions (both sides)	220 x 10/15mm
Max. wheel dimensions (ODxWxBD)	400 x 100 x 127mm
wheel recess dimensions (both sides)	220 x 20/30mm

<b>Spindle Motor</b> ~ Installed Power	18.5kW
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<b>Hydraulic Motor</b> ~ Installed Power	7.5kW
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<b>Machine Weight</b> ~ approximate net weight of the machine	11500kg
<b>Machine Voltage</b> ~Standard machine voltage	400V / 3 phase / 50 Hz + neutral + ground
<b>Machine Colour</b> ~Standard machine colour	RAL 5018 (turquoise) and 7032 (light grey)

## Standard Features

Standard grinding wheel (400 x 76 x 127-220 x 10/15 mm)  
Wheel holder flange  
Wheel locking nut  
Wheel extractor  
Balancer crankshaft  
Over the wheel dressing system (excluding diamond)  
Table mounted single point dressing attachment (excluding diamond)  
Full machine guarding enclosure  
Set of tools  
Set of documentation (in English) including:  
Instructions Book, Test Certificate (according to ISO 1986 standard), CE Conformity Declaration  
Hydraulic unit (excluding hydraulic oil)  
Heat exchanger unit for hydraulic unit  
Compact Plus NC fully automatic unit  
Electrical cabinet

**Travelling Column** with stabilised Meehanite cast-iron structure: With the travelling column, the wheel head is fully supported.

- maximum rigidity
- removes a large amount of material
- flatness guaranteed

**Hydrostatic support** for all axes with full grip slideways. All the machine axles feature full grip hydrostatic slideways; therefore, the table always rests on the basement for the entire longitudinal travel; the same criterion applies to the column and the wheelhead. This

involves:

- absence of anti-friction material (turcite)
- zero friction (optimal exploitation of the installed power)
- zero wear (geometry guaranteed for a long period of time)
- No stick-slip. Extremely smooth movements

**The proof?** Pressing the table with one finger is all it takes to move considerable loads. See the videos...