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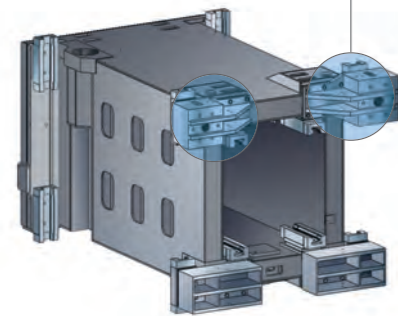
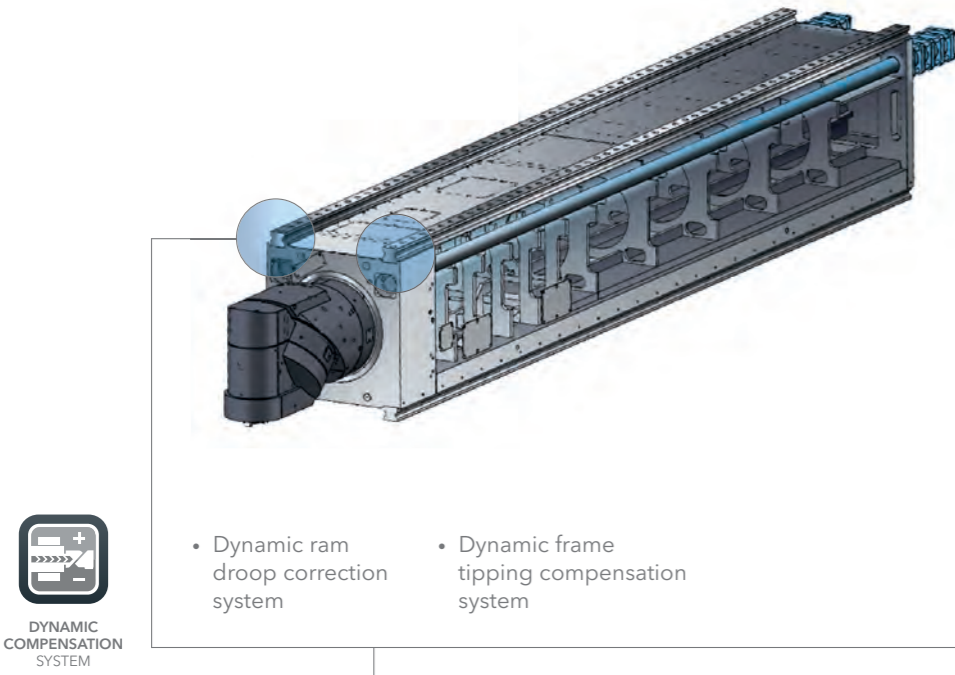
MAGNA

Travelling column milling machine

WARRANTY



The **MAGNA** represents the pure box-in-box concept, also incorporating two mechanical systems dynamically compensating for both ram droop and frame tipping. The result: tremendous chip removal capacity, maintaining very high levels of precision throughout the machine's volume.

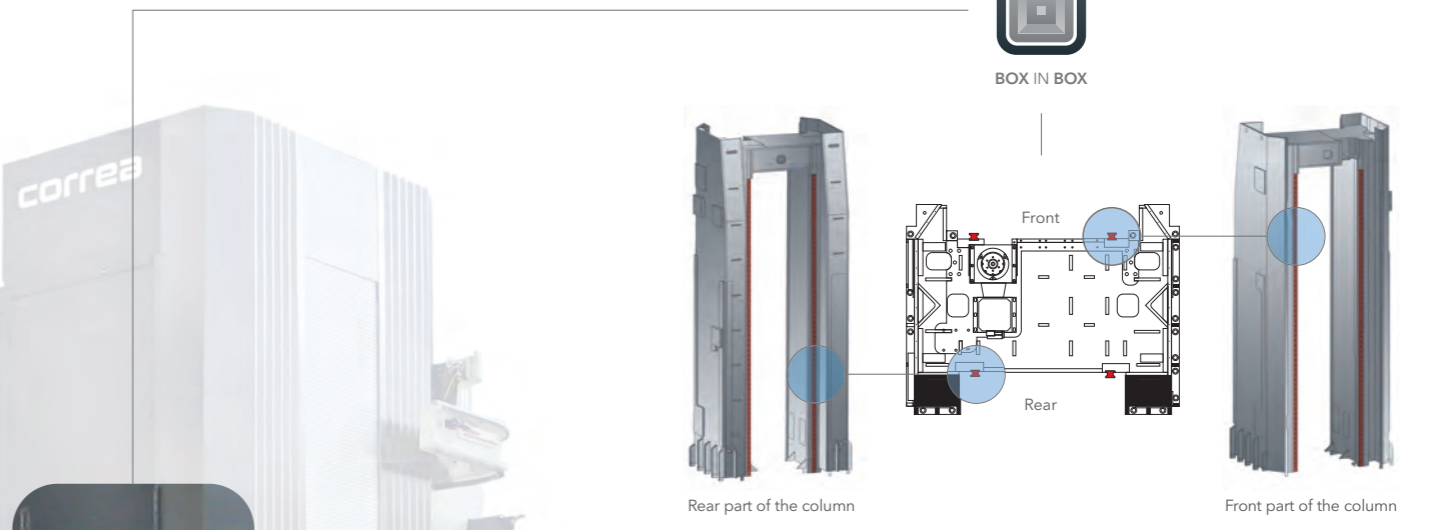
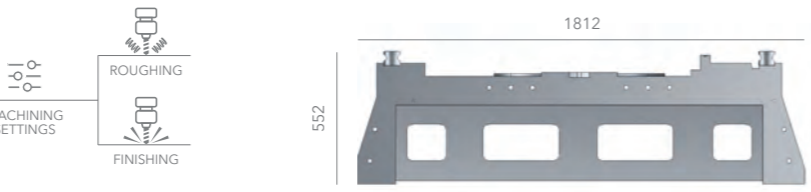
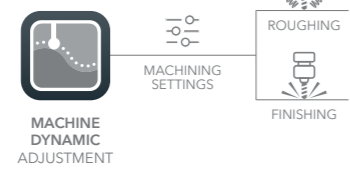


MORE ABOUT THE MAGNA

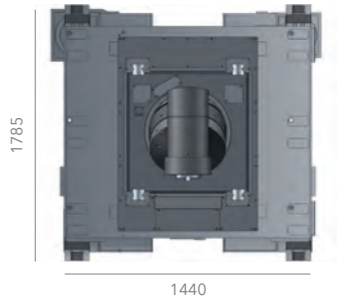
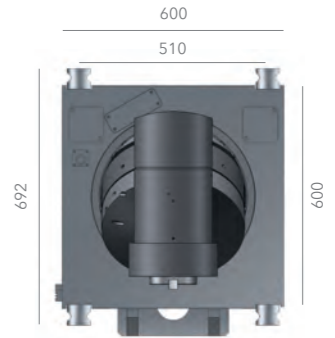
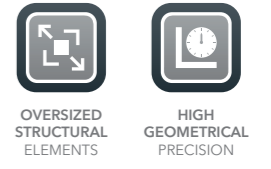


Dynamic performance parametrizable in accordance with:

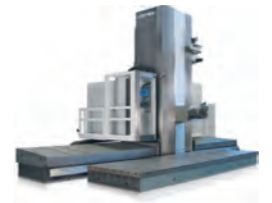
- ROUGHING OPERATION
- FINISHING OPERATION



- Great cross sections
- Great roughing capacity
- Geometric stability in time



30 m/min in X, Y and Z axes, thanks to its V-Shaped linear guide-ways in all axes



Stand-by function and Auto Switch off function, saving 20% of the total energy machine consumption

Technical Features

TABLE

Surface	6000 - 27000 x 2000 / 2500 - 3000	mm
Maximum load on the table	10 / 15	Tn/m ²

TRAVERSES

Longitudinal [X]	6000 - 27000	mm
Cross [Y]	1500 / 2000	mm
Vertical [Z]	4000 5000 6000 7000 8000	mm

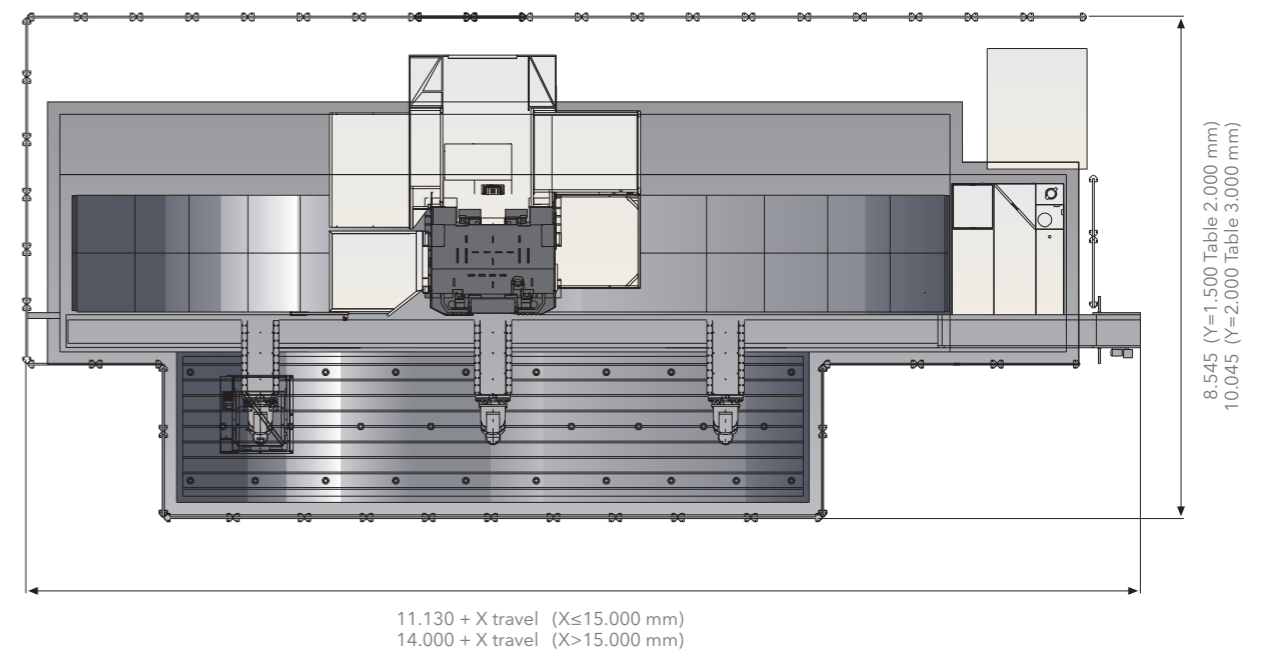
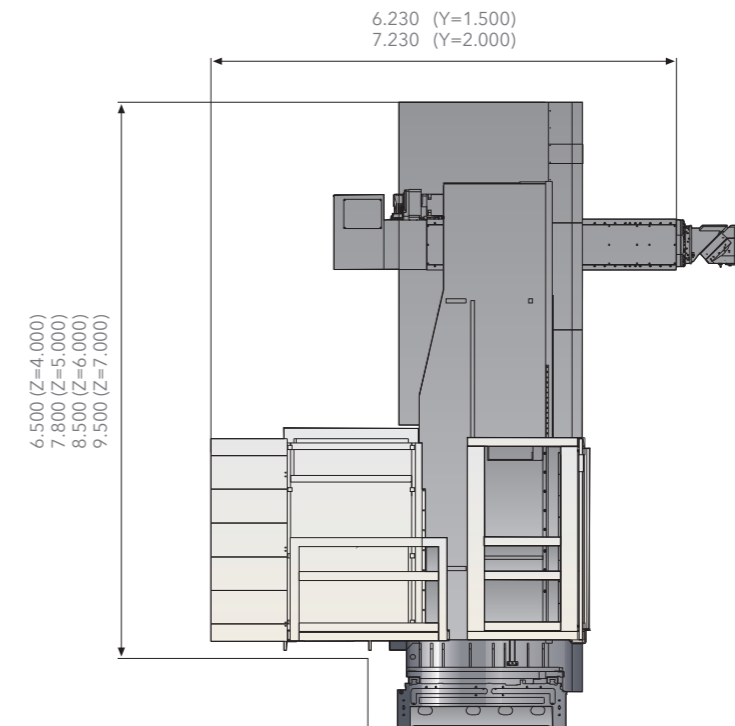
FEEDS

Maximum [X]	30	m/min
Maximum [Y]	30	m/min
Maximum [Z]	25 20 20 20 20	m/min

SPINDLE SPECIFICATIONS

Spindle nose	ISO-50 Big Plus / HSK-100	
Programmable speed	10000 / 6000	rpm
Maximum power	30 / 52	kW
Maximum torque	620 / 1375	Nm

External Dimensions



MAGNA

Travelling column milling machine



Milling Head



UAD 0.02° x 0.02°

Universal Auto-Indexing
Differential Head
52 kW | 1375 Nm | 6000 rpm



OAD 0.02° x 0.02°

Orthogonal Auto-Indexing
Differential Head
52 kW | 1375 Nm | 6000 rpm



FC-30 | 60 | 80

Front Spindle
15 • 52 kW | 1375 Nm | 3000 • 4000 rpm



FCT

High Torque Front Spindle
52 kW | 2005 Nm | 4000 rpm



UDX 0.02° x 0.02°

Universal Auto-Indexing Head
30 kW | 620 Nm | 10000 rpm



UCE Universal

Universal continuous Milling Head
24000 rpm

Milling Head



FD-30 | 60 | 80

Non-centered front spindle
15 • 52 kW | 1375 Nm | 3000 • 4000 rpm



UT-500 | 630

D'Andrea Head
52 kW | 8000 Nm | 315, 250 rpm

AL-600 2.5°



Reach-out Angle Milling Head
25 kW | 800 Nm | 1500 rpm



ESE Continuous

2-Axis continuous Milling Head
35 • 60 kW | 12000 • 24000 rpm



TU 2.5°

Turning and shaping Head

Milling Head Changer



Standard Equipment

- Automatic Universal Head • Vixion 4.0
- Numerical control Heidenhain or Siemens [operate HMI] • Hydraulic and cooling group
- Portable handwheel • Linear scales in all axes
- Air-conditioned electrical cabinet • External Coolant with adjustable nozzles in the head
- Linear guides in the X, Y and Z axes • Internal and external air flow
- Lamp in the working area • Guarding
- Tele-service

Optional Equipment

- Other heads • Self cleaning filter
- Automatic head-changer • Air/Coolant cleaning gun
- Pick up station for 6, 8, 12 tools • Chip conveyors
- Automatic charger for 30, 40, 60, 120 tools • Perimeter fence
- Probes of measurement, tools and parts • Different enclosures according to user's needs [only in some models]
- Rotary tables • Coolant through spindle
- Floor plates • Turning tables

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www.nicolascorrea.com

Nicolás Correa, S.A.

Alcalde Martín Cobos, 16-A
09007 Burgos • Spain

Phone: +34 947 288 100

Fax: +34 947 288 117

correa@correa.es

