



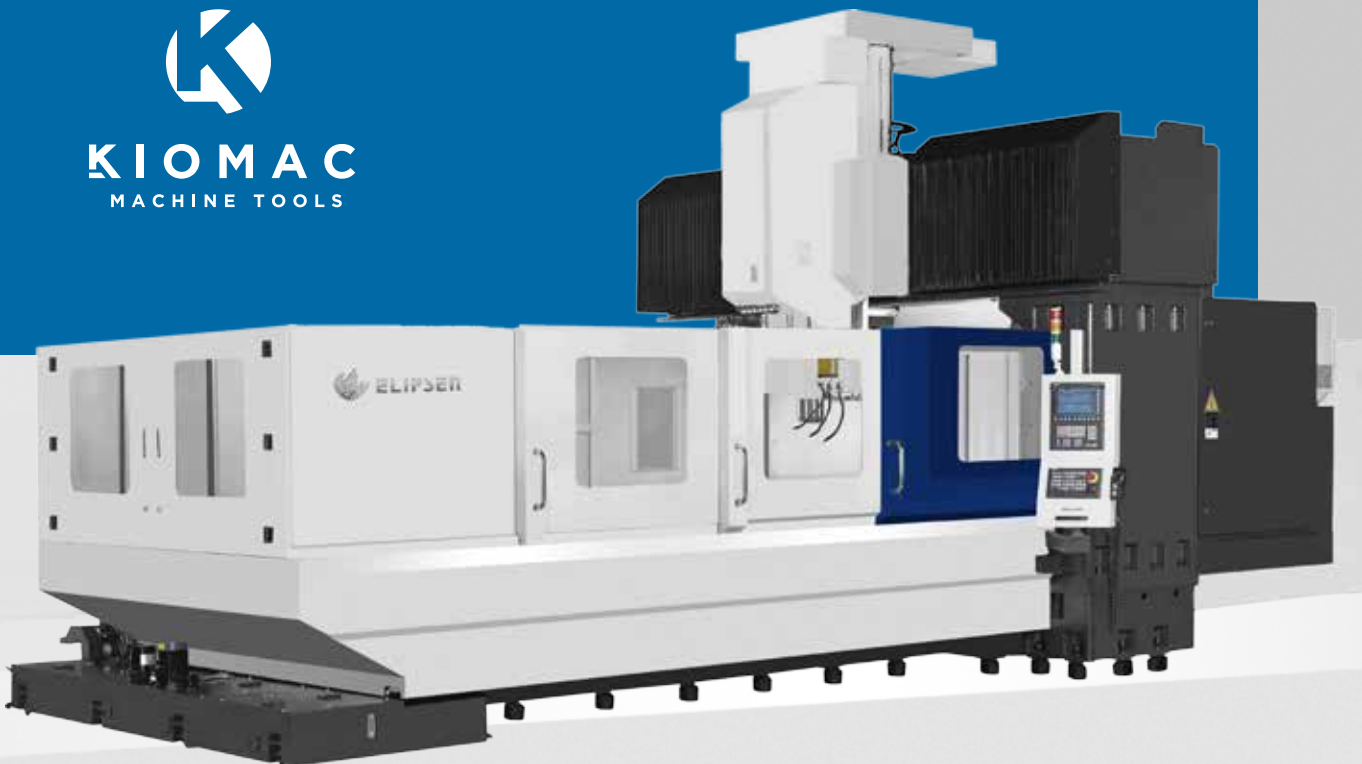
ELIPSEN

Double Column Center

E6027



KIOMAC
MACHINE TOOLS



Double Column Center

E6027

Standard Equipment

- Fanuc Oi MF Control (Type 1) 10.4" or Siemens 828D Control 10.4"
- CTS Coolant Through Spindle 20 BAR
- Belt drive Spindle 6.000 rpm, BT50
- 22/26 kW spindle servo motor
- Spindle cooling system
- Gear box on X axis
- Automatic lubrication system
- Coolant system
- Spindle taper air blow
- Z axis servo motor with brake
- Full enclosed splash guard with top roof
- Telescopic guards for three axis
- Air conditioning for electrical cabinet
- Rigid tapping
- Ethernet, tarjeta CF y puerto USB
- 10.4" LCD Display
- Electronic Hand wheel (MPG)
- Handy coolant gun
- Air gun
- LED Working lamp
- End of program light
- Tool box
- Leveling bolts and blocks
- Operation Manual
- CE for electrical cabinet
- Auto Power OFF
- Power supply: 380V/3PH, 50Hz



Optional equipment

- 24 Stations arm tool changer BT50
- Chip conveyor (Two Screw type and one Chain type)
- 90° Milling head with 2000 rpm speed
- Gear head spindle 6.000 rpm
- Manual Guide i for Fanuc Oi MF (Only available on Type 1)
- 3D Simulator (for Siemens 828 D Control)
- Shop Mill (for Siemens 828 D Control)
- Heidenhain TNC 620 Control 15"

*The real appearance of the center may vary.





Technical specifications

TABLE

Table size	6000 x 2300 mm
T slot (width x number x distance)	13 x 28 x 162 mm
Max. load	16.000 Kg

TRAVEL

X/Y/Z travel	6200 / 2700 / 1000 mm
Spindle nose to table	200 – 1200 mm
Distance between columns	2700 mm

HUSILLO

Taper / diameter	BT50 / 190 mm
Servo motor	22 / 26 kW (Fanuc)
Speed	6.000 rpm
Transmission	Belt

TRANSMISSION WAY OF THREE AXES

Transmission way of X axis	Gear drive
Transmission way of Y axis	Direct drive
Transmission way of Z axis	Direct drive

FEED

Rapid feed	10 / 10 / 10 m/min
Cutting speed	1-10.000 m/min
X/Y/Z motor torque	40 / 30 / 30 NM

ARM TYPE TOOL CHANGER (Option)

No. of tools	24
Max. tool length	400 mm
Max. diameter	120 mm / 250 mm
Max. tool weight	15 Kg
Pocket positioning time	1 s

ACCURACY

Positioning	± 0.005 / 300
Repeatability	± 0.005 / 300

DIMENSIONS & WEIGHT

Dimensions	13500 x 5500 x 5150 mm
Weight	70000 Kg

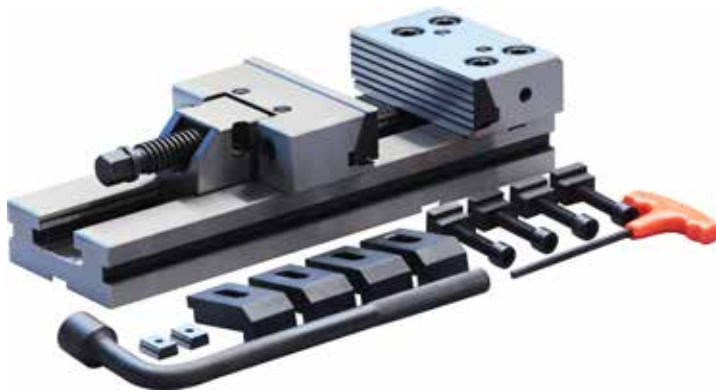
Source of main components



Strict quality control



Precision modular vise



Quality measures from casting

Casting components are aged for up to 3 to 6 months to ensure maximum structural stability.



Hand Scraping

High precision machine tools come from exquisite hand scraping skills. A well trained hand scraping team makes sure that all contact surfaces are precisely hand scrapped and carefully inspected to ensure the best quality of machines.