



MECAEASY

A milling machine for every one



Other products of the CNC MILLING PRODUCT RANGE



MECAPLUS
High productivity
3 axis CNC milling machine



MECAPLUS-HP
High performance
3 axis CNC milling machine



MECAPRO
3 axis CNC milling machine



TRIAX Mobile
Milling center
for precision 3D

STRENGTHS

- Rapid, fitted with a mono-block frame and a rigidified gantry, equipped with powerful spindles, MECAEASY will meet your most demanding production requirements in 2D and in 3D.
- The simplicity of use.
- Quality and performances adapted to your production.
- Machining of sheet plates in the fields of advertising and POP, plastic processing, aluminium processing, rapid prototyping...
- A range of 5 sizes for versatility : Equipment with fixed table, working travels from 500 x 700 mm to 1500 x 3000 mm.
- Innovative and efficient vacuum tables with turbine technology or vacuum pumps.
- Numerical controls CN7000 with touch color screen and motorization by brushless servomotors.
- Quality kinematics integrating industrial components delivered by the world leaders in their field, mounted on stabilized and welded steel frames.
- Z axis with 350 mm as option for 3D applications.
- Many options : microlubrication, automatic tool changer, high frequency spindles, fourth axis...



Listening



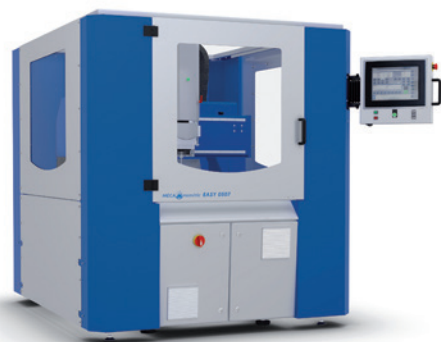
Custom-made



Multi-technologies



100% integrated



MECAEASY

The 3 axis CNC milling machine for every one

CHARACTERISTICS

- **Structure:** high inertia steel welded frame and gantry, fixed table.
- **Guidance:** grinded steel rails and preloaded ball bearings.
- **Transmission:** high precision ball screw on all axes.
- **Motorisation:** AC Brushless servo motors

FEATURES	ES 0507	ES 0710	ES 1007	ES 1510	ES 3015
X-axis travel in mm	520	720	1050	1520	3050
Y-axis travel in mm	750	1020	750	1050	1520
Z-axis travel in mm	200/350	200/350	200/350	200/350	200/350
Maximum material width	900	1250	900	1250	1650
Passage under gantry	210/360	210/360	210/360	210/360	210/360
Maximum speed in mm/sec	300	300	300	300	300
Resolution in mm	0,0015	0,0015	0,0015	0,0015	0,0015
Repeatability in mm at 20°C	± 0,025	± 0,025	± 0,025	± 0,025	± 0,05
Numerical control	CN 7000	CN 7000	CN 7000	CN 7000	CN 7000
MHI Machine human interface	15 inches Colour touch screen				
OPTIONS					
Spindle 2,2 kW – 24000 rpm -Manual tools change	✓	✓	✓	✓	-
Spindle 3,8 kW – 24000 rpm - Automatic tools change ISO 30	✓	✓	✓	✓	✓
Spindle 4 kW – 50000 rpm – Automatic tools change HSK E25	✓	✓	✓	✓	✓
Spindle 3,4 kW – 24000 rpm – Manual tools change	✓	✓	✓	✓	✓
Automatic tool change with a static 6-tool shop	✓	✓	✓	✓	✓
Tool shop cover	✓	✓	✓	✓	✓
Tool length measuring sensor	✓	✓	✓	✓	✓
Vacuum table 2.2 kW turbine(s), with T grooves	1	1	1	1 - 2	2
Vacuum table 7.5 kW turbine(s), with T grooves	-	-	-	1	1 - 2
Vacuum box with turbine(s) 7,5 KW with box	-	-	1	1	1
Vacuum pump table (60 m³/h)	1	1	-	-	-
Vacuum pump table (140 m³/h)	1	1	1	1	-
Vacuum pump table (250 m³/h)	-	-	-	1	1
Automatic suction nozzle	✓	✓	✓	✓	✓
Tool coolant system	✓	✓	✓	✓	✓
Professional chip suction 2.2 kW / 4 kW	✓	✓	✓	✓	✓
OPTISCOUT / GTK (vision registration / compensation system by camera)	-	-	-	✓	✓
Multi tool cutting head for fixed or oscillating tangential knives and bending roll	-	-	-	✓	✓
4th axis horizontal divider	✓	✓	✓	✓	✓
Safety enclosure	✓	✓	✓	✓	-
OVERALL DIMENSIONS (without enclosure)					
Overall length in mm	1970	2210	2520	2990	4400
Overall width in mm	1375	1750	1375	1750	2200
Overall height in mm	2100	2100	2100	2100	2100
Average weight in kg	1400	1500	1700	2000	2800
SUPPLIES					
Air supply	Pressure : 6 bar / Flow 6 to 40 m³/h				
Average electric power	400 VAC three-phases 50 Hz + ground + neutral - 15 to 40 A				