

Master
▶▶ NEXT



Shaping your future

ACCURL CNC MACHINE (ANHUI) MANUFACTORY CO.LTD
Industrial Park In Bowang Ma' anshan,Anhui,China

T | +86 555 2780 563 F | +86 555 2780 553 M | +86 18855551088
www.accurl.com | info@accurl.com

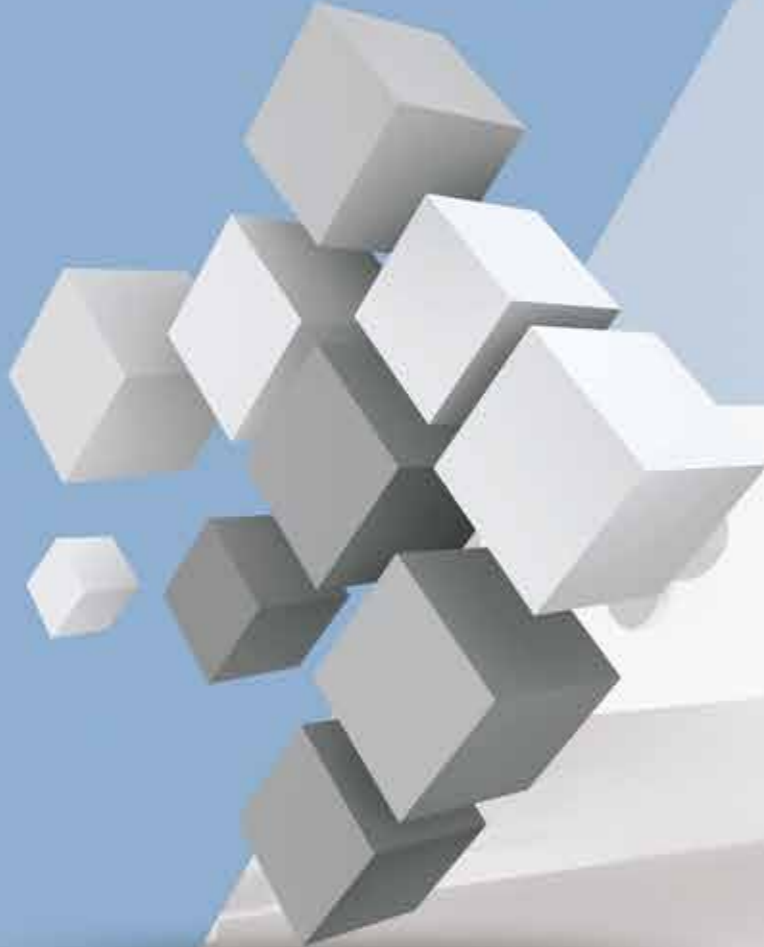


High Cut Performance



Sustainable
cutting solutions

Next Level...
... The power to change everything.





**BEST
QUALITY
HIGH
ACCURACY**

Master NEXT

ACCURL range is fully configurable following the customer's need. The standard range features models with capacities varying from 4 to 30 mm.



ACCURL enriches its service by means of **quality and proximity** to the customer.

The **competence and experience** acquired as manufacturer are key factors for the solutions **provided and results achieved**.

WARRANTY*
3 YEARS
ACCURL

DON'T SETTLE
FOR A STANDARD STEEL PLATE SHEARER,
CHOOSE A SUPERCUSTOM!



Master guillotine

The most flexible tool ever.



VERTICAL CUT

This system ensures the homogeneous distribution of the load along the entire length of the machine, resulting in a smooth cut, free of vibration.



ANGLE VARIATION

As a means of minimising the "helix" effect, the MASTER guillotine allows the corresponding angle variation as a function of the plate thickness.



RAKE SYSTEM

While cutting, back gauge retracts automatically preventing collision with the plate.



STANDBY FUNCTION

This function is activated automatically whenever the machine didn't make a cut in the last 5 minutes, even if it is being programmed.

- > Elgo P40T Touch Control System
- > Cybelec CybTouch 8
- > Automatic variable rake angle
- > RAE-automatic retraction system
- > 1000 mm squaring arm Front supports
- > Support with 1 guide and transfer balls
- > Safety barriers (Level IV)
- > Hanging swivel control panel
- > Cutting lighting shadow line
- > LED table lighting
- > Independent ramming (pre-selected)
- > Front table with ball joints
- > Mechanical finger protection



AVAILABLE
FEATURES
AND OPTIONALS








◀ EQUIPMENT

The right machine configuration is essential to achieve maximum efficiency taking into account the type of intended use.

CONTROLS

	ELGO	CYBELEC	DELEM
	P40 T 	EAS S625	DAC-360T
			
	1000 lines Example: 50 programs with 20 lines	Storage of thousands of part programs	200 Programs 24 Sequences per program
Lines per program	-	24	24
Screen	5.7" TFT	7" CRT	7" CRT
Touch Screen	●	●	●
List of materials	●	●	●
Cut counter	●	●	●
Programmable			
Retraction	●	●	●
Pressure	○	○	○
Length	●	●	●
Control of...			
Pneumatic table	●	●	●
Angle	●	●	●
Blade gap	○	●	●

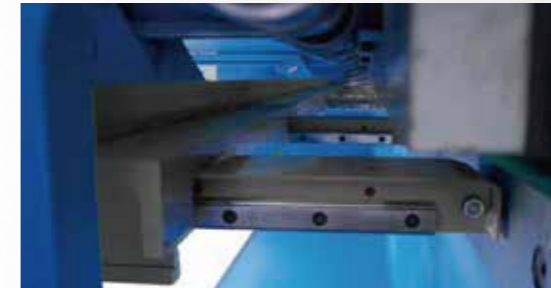
STRUCTURE DESIGNED TO ENSURE THE BEST

MAC1

Pneumatic sheet support with automatic programmed speed;
Swing movement from the plate extraction ramp.

REAR SHEET SUPPORT TABLE AND EXTRACTION

The rear sheet support is fundamental particularly in thin material. The system ensures that the plate is aligned with the back gauge without changing the measurement. Sheet extraction systems can be added depending on the sheet support selected.



MAC2

- > Pneumatic sheet support with automatic programmed speed;
- > Several cylinders installed in back gauge;
- > Linear movement parallel to the sheet to be cut.



MAC3

- > Pneumatic sheet support with automatic programmed speed;
- > Vertical linear movement, perpendicular to the sheet to be cut;
- > Sheet extraction table with conveyor belts with 3 operating modes;
- > Sheet separation system.



MACX

- > Pneumatic sheet support with automatic programmed speed;
- > Dual vertical and swing movement;
- > Guarantees the full support of the sheet during the cutting process.

ROBUST BACK GAUGE SYSTEM

- Fast and high accuracy
- Reliable movement
- Adjustment at any point
- Resistance to crash
- Maintenance free
- Better and fast cutting
- Easy and secure usage
- High precision and repeatability

The high speed ballscrew back gauge system movement is also supported with linear guides, which helps the back gauge achieve long life, greater sensitivity and strengthens against any collisions.

BACK GAUGES

BGS

AC motor

Ball screws

Belt transmission

Speed: 70 mm/s

Accuracy: $\pm 0,10$ mm



BGA

Brushless servo motor

Ball screws

Belt transmission

Speed: 350 mm/s

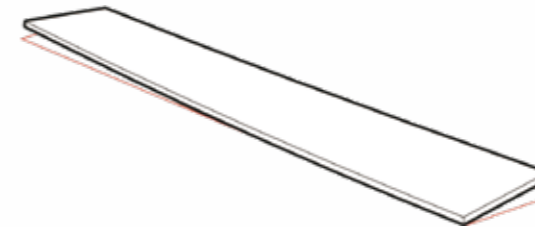
Accuracy: $\pm 0,05$ mm

MONOBLOC PANEL TYPE SUPPORT SYSTEM

○ optional

◀ SHEET METAL ANTI-TWIST SYSTEM

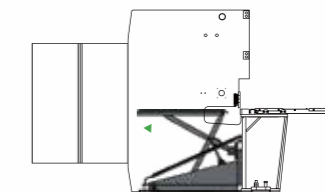
Anti-Twist system prevents cutting sheet material from twisting in narrow and strip cuttings by holding straight during the cutting process against to blade movements.



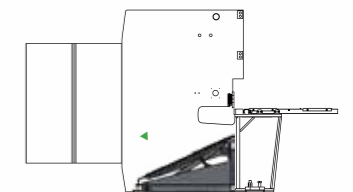
The unique Anti-Twist system of Accurl CNC guillotine shears consists of a series of hydraulic cylinders placed below the lower blade, which support the sheet metal against the upper blade.

◀ PNEUMATIC SHEET SUPPORT SYSTEM

MAC I

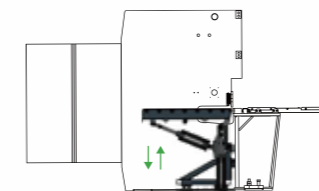


Step 1

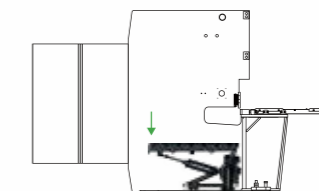


Step 2

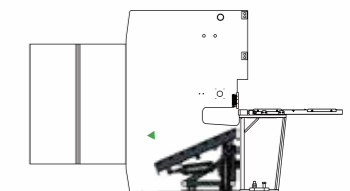
MAC X



Step 1



Step 2



Step 3