



*Differentiated
advantages of
ACCURL*

3
YEAR
WARRANTY

ACCURL Shear Genius-Pro

Model : .25" x 13'

(Excellent cut, Perfect speed)



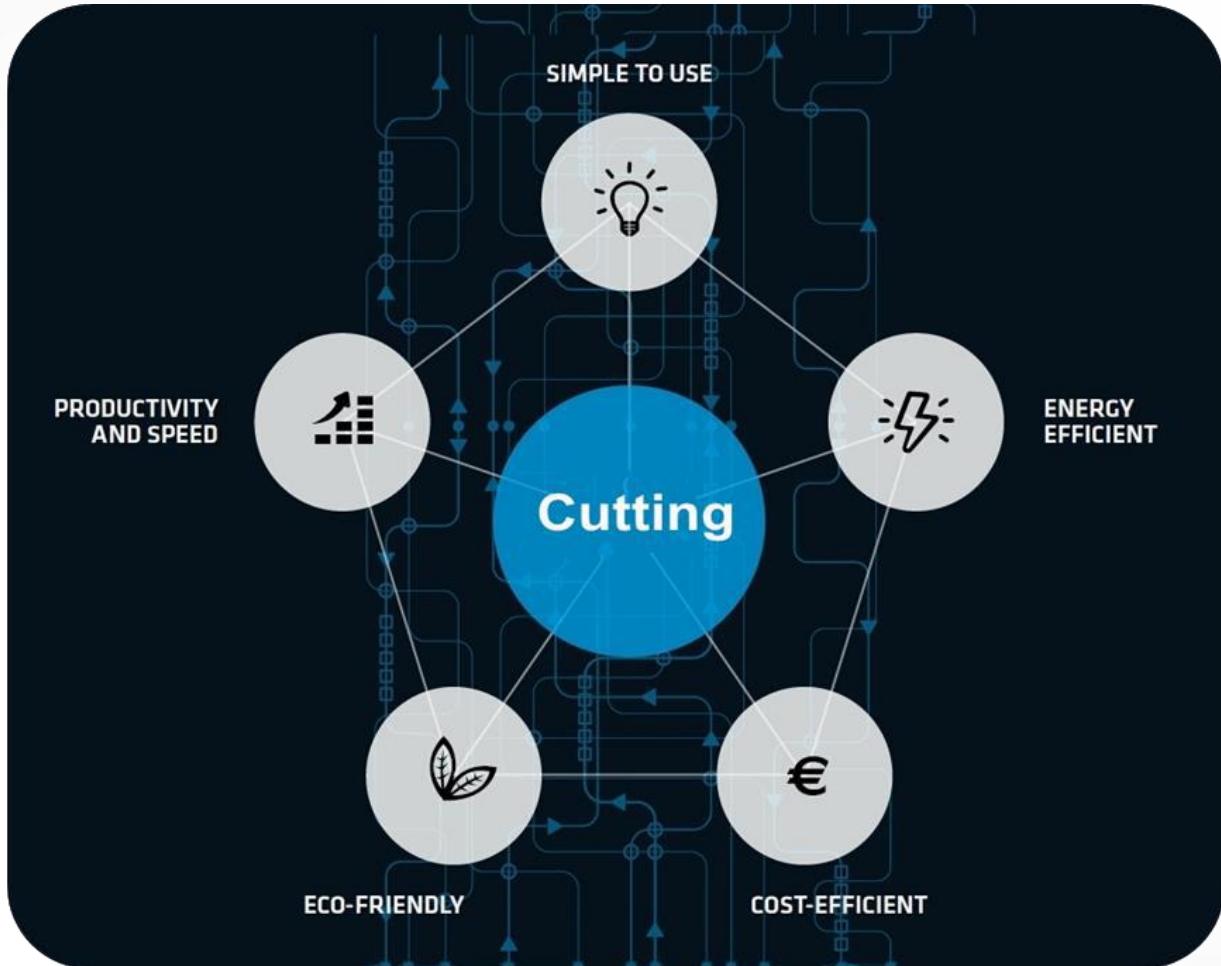
- Excellent cut, perfect speed. ACCURL CNC Hydraulic Guillotine Shear can cut all kinds steel while maintaining the highest production capacity with maximum precision and quality
- Tough construction with the same solid framework we use for all of Accurl Shears
- User friendly ELGO P40T CNC Touch Screen control unit
- Better cutting:
 - Automatic calculations of the shear functions upon material input
 - Blade Gap Adjustment
 - Cutting angle Adjustment
 - Ball screw back gauge 39.3"
- Efficient, low noise and accurate hydraulic system BOSCH REXROTH.
- Silent and reliable internal gear pump from USA
- Delta Frequency Servo Drive for CNC back gauge control
- 36" Squaring arm with scale and flip stop for front gauging
- Protection covers (side and rear)
- Usage of high-tech bed mills for single point referencing on entire frame.
 - ACCURL® chooses the best products to guarantee long-lasting and high-tech machines.
 - ACCURL® selects the best components.
- Built in safety systems (light guards & Laser beam safety photocells)





ABOUT ACCURL® Genius

ACCURL®A-Genius series is the top of the line, incorporating all the latest technology to offer the highest level of functionality. With our hydraulic rake angle setting and user friendly control panel, you will be able to easily cut different material thicknesses. This series is well named as only the most intelligent machines could provide speed, precision, accuracy and repeatability all in one..



Why buy a ACCURL Better cutting system?

> **We are a true technological partner.**

We recommend balanced solutions to our client; solutions based on a realistic needs analysis.

> **We are CNC Bending specialists.**

We offer an efficient and proven working process.

> **As sheet metal machinery pioneers,**

we have more than a decade of experience and installations.



TECHNOLOGIES:

Model: Shear Genius	Unit	.25" x 13'
ELGO P40 Control		Blade Gap + Rake Angle + Back Gauge
Cutting Capacity (M/S 42kg/mm2)	inch	.315"
Cutting Capacity (S/S70kg/mm2)	inch	.235"
Cutting Length	inch	13'
Rake Angle	Degree	0.5°~3.1°
Blade Gap	inch	.0019"-.0031"
Throat Depth	inch	4.75"
Working table height	inch	30"

WORKING:

Blade Length	inch	13'1"
Stroke Per Minute	SPM	20
Hold downs	Pcs	14
Hold down Force	Ton	65

BACKGAUGE:

Back Gauge Speed	inch/sec	11.8
Back Gauge Range	inch	39
Back Gauge Power	Hp	0.75

CAPACITY:

Hydraulic pressure	Bar	275
Motor Power	Hp	15
Oil Tank Capacity	Gal	60
Overall dimensions	inch	185x64x64
Height Under the Floor	inch	0
Machine weight	lbs	18,600
Power supply		AC 220V~480V,3ph,50/60HZ

CONFIGURATION:

CNC Control System	ELGO P40T
Electrical components	Schneider
Main Motor	Siemens
Angle measurement Sensor	OPKON
Servo motor/ Servo drive	DELTA
PLC	Schneider
Cutting Blades	FEILI
Hydraulic System	Bosch-Rexroth
Hydraulic Pump	SUNNY
Tubing connector	EMB
Ball Screw/ Liner guide	HIWIN

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CNC CONTROL UNIT:

ACCURL® has chosen the very powerful ELGO P40T Touch Screen CNC System, which has been specially designed for cutting. Some of the features are:



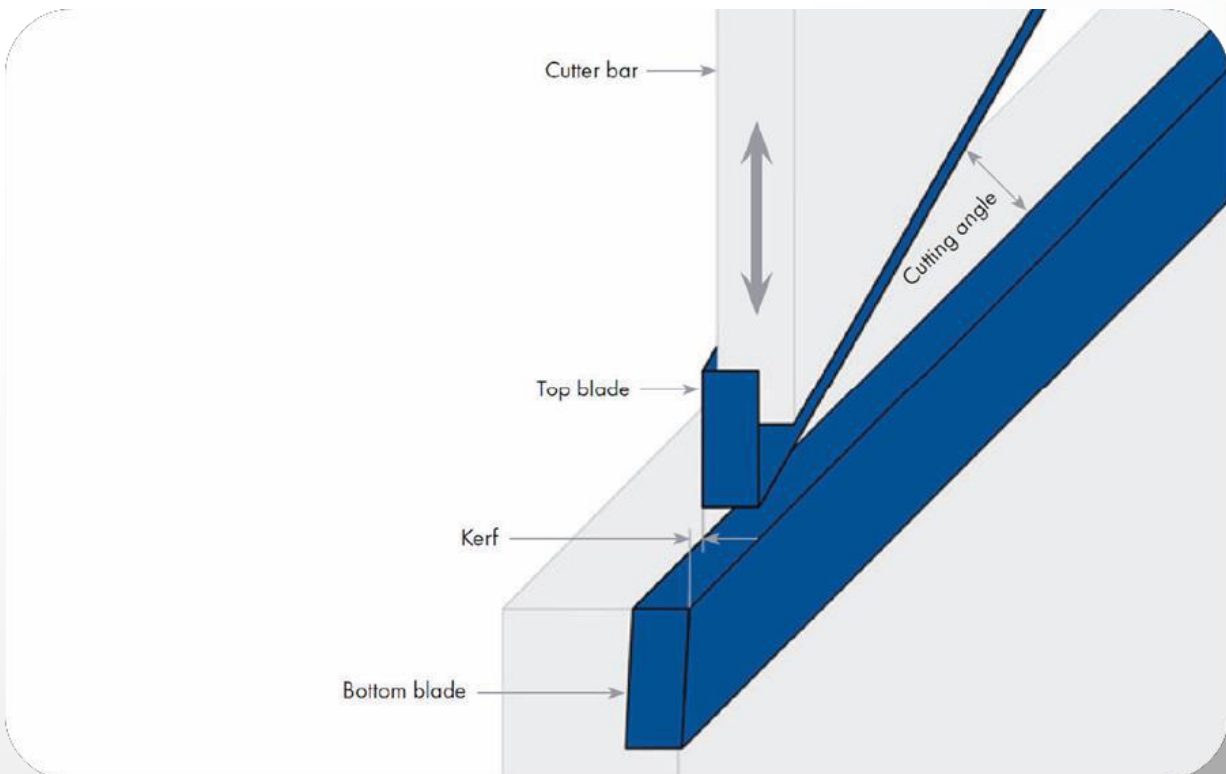
GERMANY ELGO P40T NC Control Unit:

- Large Color 7" LCD Touch Screen
- Back / front gauge control
- Auto Setting of Blade Clearance
- Auto Setting of Rake Angle
- Stroke length limitation
- Manual movement of all axes
- USB Port for user USB Memory
- User Program and Steps: Unlimited
- Sheet thickness measurement
- RTS, Return to Sender function
- Sheet support

SHEAR TECHNOLOGY:

Perfect cuts:

ACCURL® Impressive cutting technology: the guided shear technology is based on the straight vertical movement of the upper beam. It is a simple and therefore extremely economic solution for straight cuts. The range of tasks is very wide since the cutting angle and kerf are set individually and automatically.



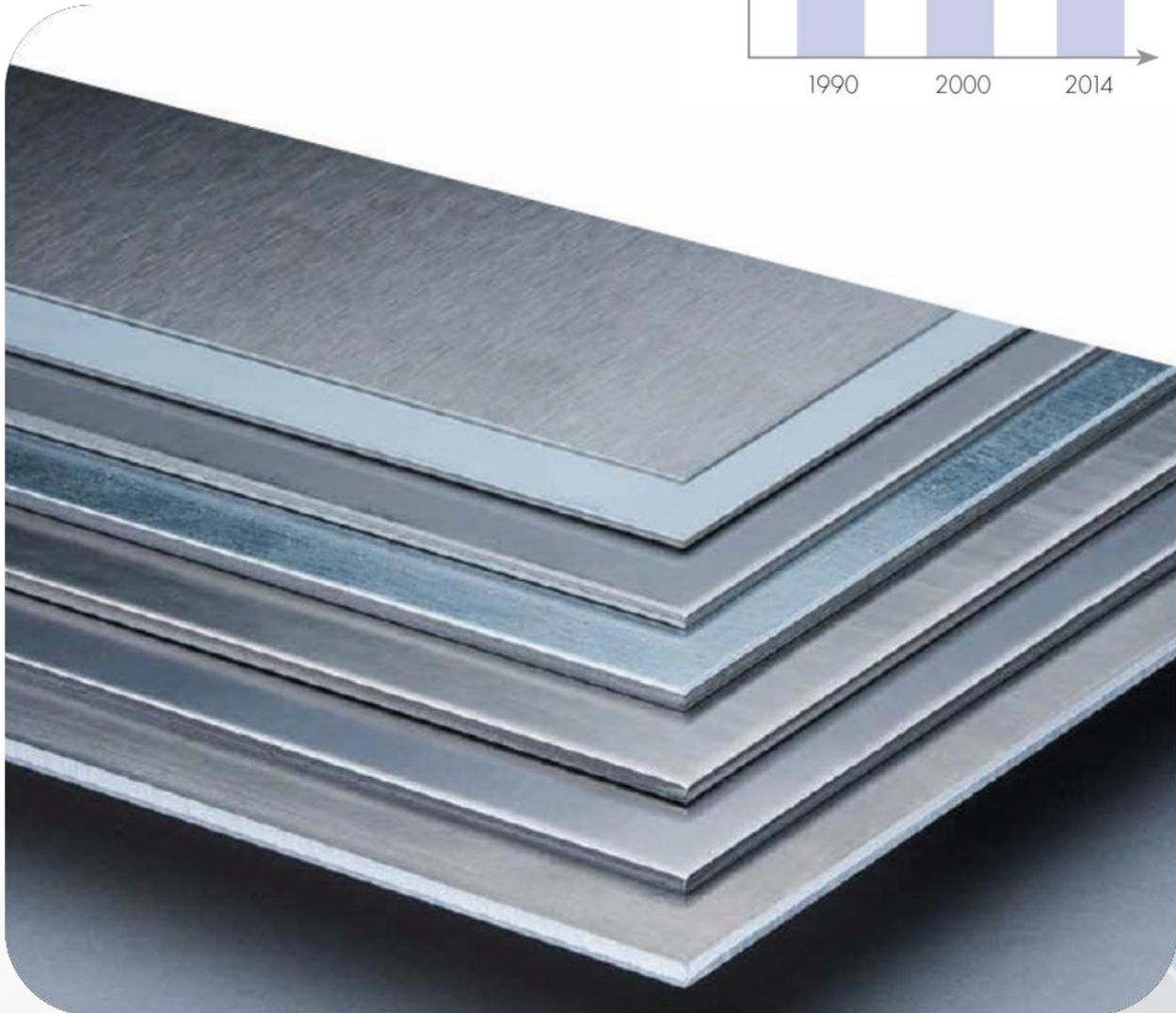
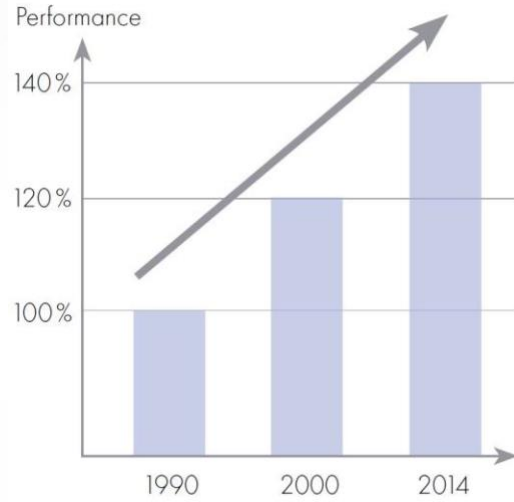


EXCELLENT VALUE FOR MONEY:

with its great variety of models and options the Genius is the flagship of the fleet of shears from ACCURL..

Performance:

- Dynamics
- Precision
- Operation
- Maintenance
- Energy efficiency
- Environmentally friendly



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