

CNC positioning system ALRS 600

Model	ALRS 600
Brand	<u>GEKA</u>
Condition	new
X-axis	6000 mm
Origin	Spain

🕒 approx. 10 weeks from order

€ 27.400,00

Leasing*: € 523,34



Symbolfoto / sample photo

General characteristics

X-axis	6000 mm
Min. flat steel width	40 mm
Max. flat steel length	6000 mm
Max. flat steel weight	600 kg
Min. rest piece length	180 mm

Dimensions and weight

Description

The ALRS 600 is a CNC controlled flat bar feeding and shearing system to be mounted on GEKA Hydracrop 80 and Hydracrop 110 dual cylinder ironworkers. This system is ideally designed for shearing desired lengths and quantities of flat bars up to 600x15 mm and 6 m length.

The assembly consists of:

- Drive roller with hydraulically controlled pinch roller.
- Servo motor with linear encoder.

- B&R Power Control 500 10" user friendly touch screen control mounted in a control cabinet.
- Positive hydraulic clamping.
- Fix guide rollers.
- Manually adjustable straight guide rollers.
- 6m roller bed conveyor.
- Electric cabinet

The work process is as follows:

- Place the flat bar on the rollers
- Adjust the lateral rollers to the width of the flat bar
- Clamp the material with the hydraulic hold down
- Run the program previously generated through Geka's Line Pro software.

The machine will automatically feed to length and automatically will shear

B&R PC based 10" touch screen control main features:

The unit consists of an industrial type PC control mounted in a console.

It incorporates a touch screen monitor with an intuitive and extremely user friendly interface developed by Geka for ease of navigation through all stages of operation.

- B&R Power Panel 500 PC control Intel® Atom™ Architecture advance
- One axis control unit.
- 10" color touch screen XGA resolution
- B&R 2 Gb Compact Flash Memory for data storage.
- USB front port
- Ethernet port for network connectivity
- Easy and extremely user friendly interface developed by Geka
- Programming is made through Line Pro software developed by Geka
- Importing of dxf/dstv files
- Run mode displays layout of the part as it is being punched or spotted
- Run, design, jog, configuration and alarm modes
- Speed percentage control of the "X" axis via the touch screen potentiometer dial
- Jog mode for calibration of axis, manual control of the axis forward and back, and go-to mode for manual shearing.
- On-screen diagnostics of PLC input/outputs as well as the X driver, for ease of troubleshooting the system.
- Set-up features include selections of multiple languages, inches or millimeters, type of machine, and "X" min/max adjustments.

Electric cabinet

- Electric cabinet containing power and control equipment for the axis positioning and control of the machine
- Includes Allen-Bradley Guardmaster® safety relays
- Electric cabinet is mounted in the same console as the control is located.
- Standard input power is 400 V – 50 Hz – 3 phases. In case different input requirement is needed, let us know

ALRS 600 must be fitted on a FACTORY built Hydracrop 80 or Hydracrop 110 machine

The above price does not include Hydracrop machine

Option:

Line Pro software:

- Offline license included to be installed in a PC for
- later on sending the files via the network or with
- a USB stick to the machine
- It is a visual and a very easy to use application with graphic representations. It shows the operator the image of the piece that is being designed.
- Designing parts with a visual layout of the plate and shear pattern
- Automatically optimizes the shearing sequence with the ability to also manually change the shear sequence.
- Creates manufacturing sheets of the parts for hard copy printouts
- Importing of dxf and dstv files available according to designing specifications of the software.

Further information

Brochures

- [GEKA Profistahlscheren](#)
- [GEKA Werkzeugkatalog](#)

Notice

Prices ex location, excluding VAT.

The [General Terms and Conditions of Delivery](#) of the Austrian Association of the Machine and Steel Construction Industry apply.

We only sell under retention of title, the goods remain our unrestricted property until they have been paid for in full.

Price changes and errors excepted.

* Monthly net leasing rate, leasing period 60 months, no down payment, 5% residual value, subject to a positive credit check. The leasing conditions of [GRENKELEASING GmbH](#) apply. Valid for lessees based in Austria.