

IRONWORKERS CATALOGUE



ENGLISH (mm)

GEKA 
The steel working company

the GEKA GROUP

Quality, Know-how, Service

EXPERIENCE

The GEKA Group began manufacturing ironworkers in 1919. GEKA ironworkers process angles, flat bar and steel profiles used in the construction of prefabricated metal structures; towers for high-voltage power lines and power stations; telecommunications towers; and other diverse industrial metalworking applications.

Each new machine project is studied individually by our technical office and is manufactured in full at our facilities in accordance with the strictest quality standards.

GEKA has the broadest range of accessories and optional equipment on the market to ensure versatile machines that meet our customers' needs.

QUALITY ASSURANCE

Each and every GEKA machine is crafted by us in our plant which permits us absolute control over every aspect of the production process. Like our machines, we also manufacture our extensive line of tools and accessories in our own plant, guaranteeing a standard of quality far superior to "knockoffs" available elsewhere on the market. GEKA is your benchmark for experience and quality.

VERSATILITY

GEKA has earned its name as a pioneering and trustworthy brand in the metalwork sector due to its continuous developments and hard work, from the very first manual shearing machines to today's cutting-edge automated equipment.

EXCEEDING CUSTOMER EXPECTATIONS

Our customer care and on-line support are provided around the clock. A qualified team of technicians in our Customer Care Center is committed to provide after-sales service in order to solve any questions or needs.

R&D&i

Against a background of growing international competition, automation and innovation in production processes are key factors in guaranteeing a company's competitive edge. Our team of experienced experts devotes their time exclusively to researching and innovating our developments.

GEKA has consistently delivered outcomes that spell customer success and satisfaction for over 90 years.

Capacities based on a material resistance of 45 Kg/mm². Technical characteristics valid except for typographical errors or omissions.

Geka group, committed to continuous product improvement, may without notice change technical specifications, equipment and photographs of models, as well as any other information contained herein.

GEKA Worldwide

Know-how and market share characterize our GEKA success story since our humble beginnings almost a century ago. In the first ninety years, the GEKA Group has forged for itself a proven track record of excellence and performance.

- Over 80% of our production is exported
- Our global network consisting of 60 local distributors all over the world
- Worldwide sales in over 85 countries
- On-demand customer care offering superior service and maintenance

On any given day, more than 80,000 GEKA machines are pounding away on five different continents. Now that's customer satisfaction!

STEEL PLATE



CHANNELS

DOUBLE WING
CUT (one of
wich is at 45°)

SHEARING



SPOTTING



TAPPING



FLAT BAR



H CHANNEL



90° CUT



BENDING



MARKING



MILLING



ANGLES



45° CUT

STEEL BAR
CUTTING

PUNCHING



DRILLING

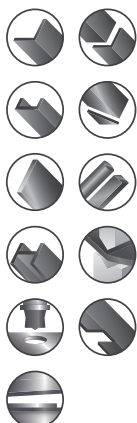


BORING



IRONWORKERS

ONE-CYLINDER IRONWORKERS

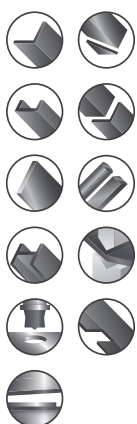


MINICROP

MAIN FEATURES

- Monoblock Frame.
- Electrically driven hydraulic unit with submerged pump.
- Double acting cylinder.
- Electrical box with safety and integrated controls.
- Monoblock blade holder with antifriction bushings.

BENDICROP SERIES: universal punching and shearing machines with permanent bending station

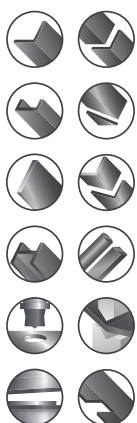


BENDICROP 60

MAIN FEATURES

- Permanent bending station is compliance with CE standards.
- Anti-torsion system for flat bar shearing without deformation.
- Angle shearing without loss of material. Wide range of openings for \square , \square and \square and \square and \square rim cutting station: Stations equipped with an assembly that acts as a hydraulic stop.
- Goose neck die-holder for punching of \square and \square sections on legs and webs.
- Quick tool change.

HYDRACROP SERIES: TWO-CYLINDER IRONWORKERS



HYDRACROP 110

MAIN FEATURES

- Monoblock Frame.
- Blade holder designed to obtain maximum efficiency in cutting.
- Hydraulic unit assembly.
- Electric panel with overload protection elements and integrated controls.
- Notching table with scaled end stops.
- Punching table with scaled end stops.

PUNCHING MACHINES



PUMA 80

MAIN FEATURES

- Technically dimensioned bed.
- Cylinder with additional guide.
- Strong and accurate shaft system to avoid distortions.
- Gradual centering of punch.
- Quick punch change.
- Safety protection.
- Ample space for mounting special equipment.
- Optimum operation speed.

	Microcrop	Minicrop	Multicrop
Shears of flatbar (mm)	350x6 200x13	300x10 200x13	300x10 200x13
L at 90 ° (mm)	80x80x8	80x80x8	80x80x8
L at 45 ° (mm)	50x50x5	-	60x60x6
Round bar Ø (mm)	-	30	25
Punching (mm)	Ø27x13	Ø27x13	Ø27x13

	Bendi50	Bendi60S	Bendi60SD	Bendi85S	Bendi85SD
Shears of flatbar (mm)	350x10 (2°) 350x15 (5°)	350x10 (2°) 350x15 (5°)	350x10 (2°) 350x15 (5°)	450x15 (2°) 450x18 (5°)	450x15 (2°) 450x18 (5°)
L at 90 ° (mm)	80x80x8	120x120x10	120x120x10	120x120x10	120x120x10
Bars Ø/Ø (mm)	35/30	45/40	45/40	45/40	45/40
Punching (mm)	Ø31x12	Ø40x11	Ø40x11	Ø40x15	Ø40x15
Bending (mm)	100x10	150x10	150x10	200x12	200x12

	HYD55	HYD80	HYD110	HYD165	HYD220
Shears of flatbar (mm)	300x15 200x20	450x15 300x20	600x15 400x20	750x20 400x30	750x20 400x30
L at 90 ° (mm)	120x120x10	130x130x13	152x152x13	205x205x18	205x205x18
L at 45 ° (2legs) (mm)	70x70x7	70x70x7	70x70x7	70x70x7	70x70x7
Bars Ø/Ø (mm)	40	45	50	60	60
Punching (mm)	Ø40x10 Ø100x4*	Ø40x14 Ø100x6*	Ø40x20 Ø100x8*	Ø40x30 Ø100x12*	Ø40x40 Ø100x16*

* Optional

		Punching
PUMA 55	(mm)	Ø40x10 Ø100x4*
PUMA 80	(mm)	Ø40x14 Ø100x6*
PUMA 110	(mm)	Ø40x20 Ø100x8*
PUMA 165	(mm)	Ø40x30 Ø100x12*
PUMA 220	(mm)	Ø40x40 Ø100x16*

* Optional

PP SERIES



P MODEL

MAIN FEATURES	
Punching power	500 kN
Punching capacity	27 x 13 mm
Maximum stroke	30 mm
Throat	130 mm
Cycles per minute (20 mm. stroke)	23
Oversize unit for punching diameters*	
Marking*	

* Optional P Model.

POSITIONING



SEMIPAXY

Support chassis

Two servo motor-driven positioning carriages

Touch screen

Conveyor assembly consisting of independent servo drives along each axis, spindle and encoder units

FEEDERS



PAX

Conveyor unit and positioning clamping guides

Clamping of material

Servo motor positioning

Linear roller table top

Manually-adjustable set of transverse roller guides

Touch screen monitor



ALRS

Automated feeder of flat bar, available as part of an option package for our HYDRACROP (except 55 tons model) shearing stations.

SPECIAL CNC SOLUTIONS



We cater to your special ironworking requirements.

Generations of solutions working for your next generation of needs.

TOOLS

Our range of solutions is intended to cover all your needs in the steel fabrication business. Discover how GEKA can help you to improve your productivity and results.

GEKA has the broadest range of original accessories and optional equipment on the market.

STANDARD ACCESSORIES INCLUDED

GEKA Universal Punching Shears are sold with a complete equipment of tools, whose quality and strength give the product a great quality/price relationship.

- Standard punching attachment
- Standard rectangular notching unit
- Standard angle cutting unit (at 90°)
- Standard flat bar shearing unit
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OPTIONAL STANDARD ACCESSORIES

GEKA has a wide range of optional accessories that are easily installed, for the punching, cutting and notching stations that will allow you to increase your production levels and shorten your delivery deadlines.

These accessories, available in stock, provide our customers with a fast and economical solution to their needs.

- Oversize punching unit up to 160mm diameter
- Triangular notching unit
- Tube notching unit
- Punching at the end of tube
- Multistop table
- Press brake attachments
- Pipe notching
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SPECIAL CUSTOM ACCESSORIES

Over 8.000 reference backgrounds allow us to manufacture tailor made accessories, optional equipments and solutions to meet your needs. The following are just an small example of the special tooling Geka can provide with:

- Key shape punching on U channel
- Cutting and punching of flat bar
- Double punching of UPN channel
- Punching + Buttoning
- Rounding of flats + 4 punches
- Urethane stripper for HYDRACROP
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PUNCHES, DIES & BLADES

- Punches and dies
- Shearing blades
- Notching blades
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World leader in punching and shearing solutions

With more than 80000 happy and satisfied customers worldwide and more than 90 years experience.



Proven quality, design and craftsmanship

ISO 9001 and OHSAS certifications besides 90 years experience and a continuous benchmarking policy.



Complete after sales service

Permanent stock and next day delivery of consumables, accessories and parts. After sales assistance by GEKA's qualified engineers.



Great versatility

More than 50 different machine models and over 8000 different accessories. GEKA offers the highest range in accessories and optional equipment in the market.



Produced & manufactured in the European Union

Conversely other manufacturers, GEKA is the only ironworker fully produced by Geka in the UE.



Continuous innovation

New Bendicrop 85, C2PL, Alfa 500, Alfa 150, Gamma Traction, Sigma110...



Worldwide distribution network

With more than 60 distributors and present in more than 85 countries in 5 continents.



All GEKA machines are special order

Every new GEKA machine is one of a kind. Our designers develop solutions suited to your specific needs. We manufacture each GEKA in our own facilities according to precisely defined standards.

geka-group.com

