



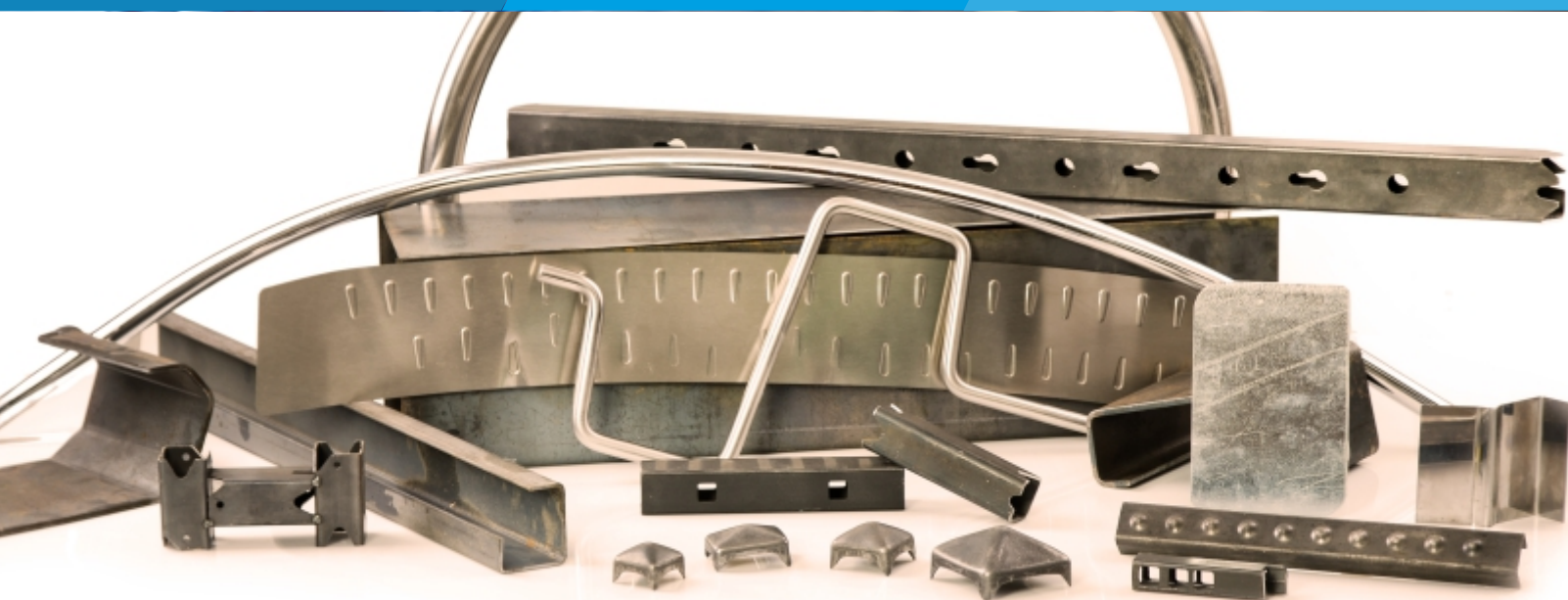
Manufacturer of metal forming machinery



presses

rolling mills

punch presses



www.ultrapras.pl



- Built-in memory makes it possible to save up to 4 bending programs
- Precise positioning with an intuitive controller
- Universal applications
- General-purpose punches and dies
- Bending, straightening of mill products
- Quiet work
- Automatic and manual operation
- Piston stroke speed: 10 mm/s



Technical specifications:

Piston stroke	195 mm
Pressing force	28 t
Motor power	4 kw
Regulated working pressure	od 80 do 200 bar
Regulated stroke speed	od 0 do 10 mm/s
Weight	800 kg
Dimensions	750 x 1150 mm
Diameter of straightening pins	70 mm

Vertical hydraulic press

UP UltraPras®

UPV 28



This machine was designed with companies that use precise plastic working in mind.

- Simple operation
- Precise positioning by means of an intuitive controller with a display
- Universal applications
- 2 exchangeable tables of different sizes
- Quiet work
- Automatic and manual operation
- Piston stroke speed: 10 mm/s

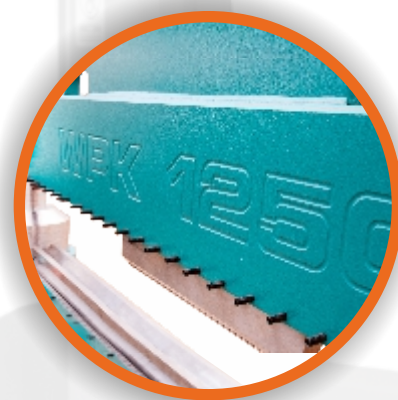
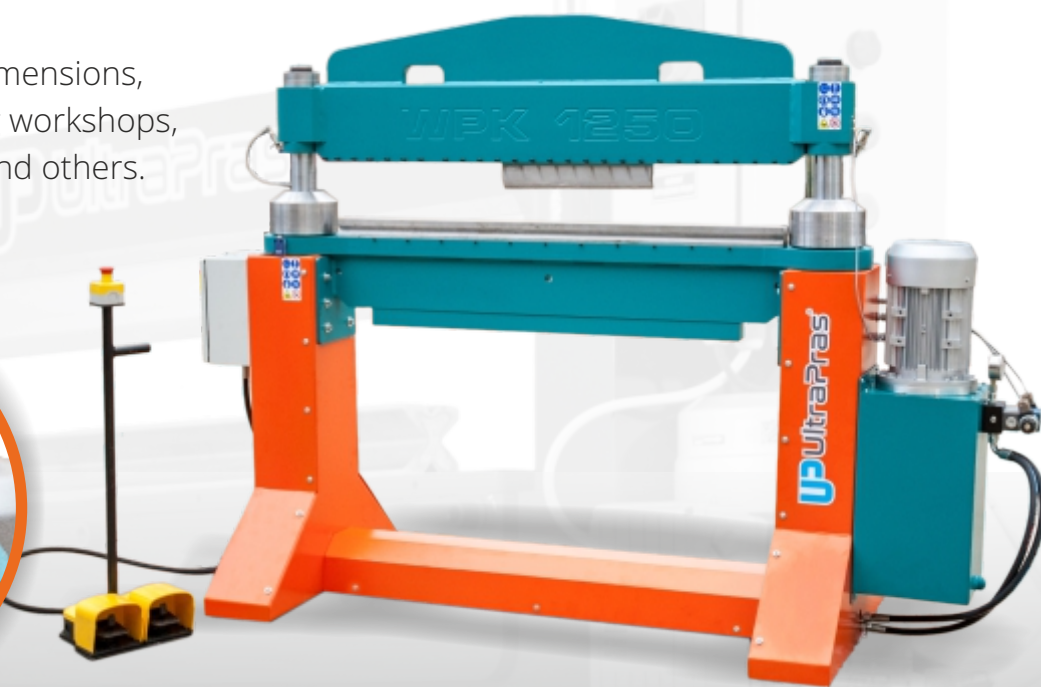
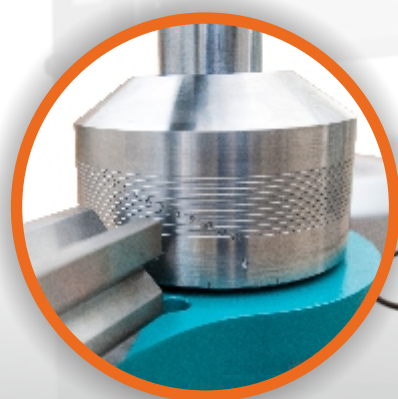


Technical specifications:

Piston stroke	150 mm
Pressing force	28 t
Motor power	4 kw
Regulated working pressure	od 80 do 200 bar
Regulated stroke speed	od 0 do 10 mm/s
Worktable	320x320 lub 320x700 mm
Thru hole in the table	Ø 45 mm
Distance between table and piston	250 mm
Dimensions	750x750x1980 mm
Weight	650 kg

WPK1250

Machine with compact dimensions,
intended for locksmithing workshops,
mechanical workshops, and others.



- Maximum dimensions of bent sheet:
1250 x 5 [mm]
(thickness dependent on width)
- 60 x 60 [mm] die with 16, 22, 35, 50 [mm]
grooves included in standard equipment
- Exchangeable (sectional) punches and dies
- Easy press relocation thanks
to the application of forklift pockets

Technical specifications:

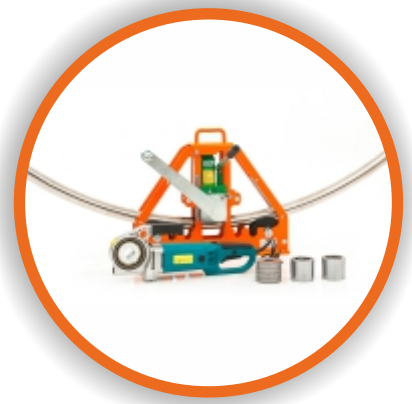
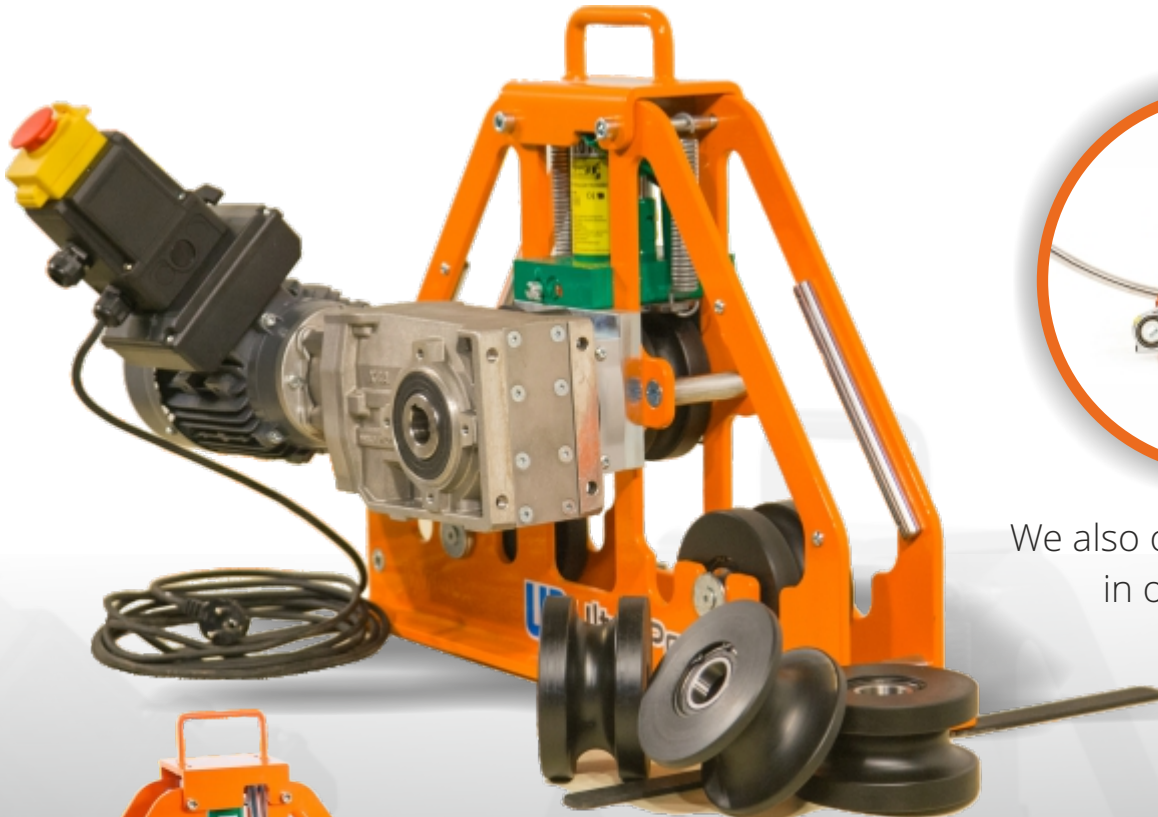


Pressing force	27 t
Length of bent sheet	1250 mm
Maximum distance between punch and die	130 mm
Motor	4 kw
Pressure of hydraulic unit	180 bar
Weight of machine	710 kg
Dimensions	2300x1650x820 mm

Portable rolling mill

WRX100, WRX80

WRX50



We also offer rolling mills in other sizes.



Rollers: plastic, steel
Pressing: hydraulic, screw
Drive: manual, electric

Technical specifications:

Light, modular design.
Simple roller replacement.
Simple operation.
Portable machine.



Pressing force	2 t
Max. dimensions of bent section	Ø 50x1,5mm 50x50x2 mm
Roller spacing	435/315/195mm
Rotational speed	12 obr/min
Drive	220V / ręczny
Dimensions (height x length x width)	485x600x220 mm
Weight*	46 kg
*The machine was weighed with its motoreducer but without bending rollers	Dismountable drive

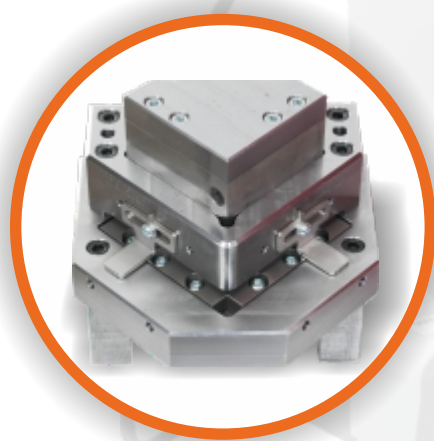
WKR 70H

This general purpose hydraulic punching machine is perfectly suited for all types of metal forming, cutting, bending or hole punching.



- Piston stroke adjustable up to 70 mm
- Punches fastened directly in the pressing piston
- Pressing force regulation
- Backlit working part
- Simple operation
- Universal applications
- Quiet work
- Broad operating range thanks to a wide array of punching die sets

Technical specifications:



Pressing force	16 t
Motor	2,2 kw
Pressure of hydraulic unit	150 bar
Stroke	70 mm
Weight of machine	350 kg
Machine dimensions	450x800x1430 mm

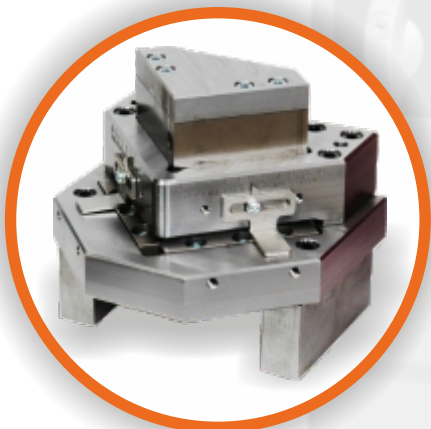
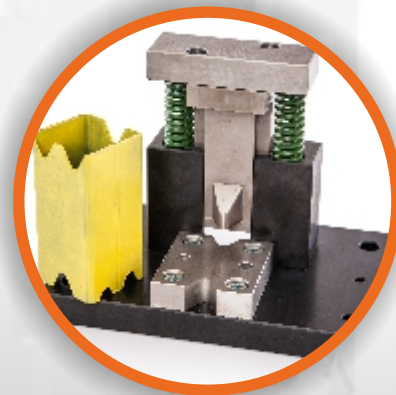
Punching machine for steel profiles

UP UltraPras

WKR10



This machine has been designed with fitting companies that manufacture light, galvanized steel structures in mind.



- Technological undercuts in terminal parts of steel profiles
- Simple operation
- High efficiency: 30 cycles / min
- Operates in automatic and semi-automatic mode
- Wide range of operation thanks to an array of blanking die sets, i.e. bar cutting set, hole punching set for sheets, set for perpendicular joining of pipes
- Thickness of punched material dependent on tool

Punching die for rounding corners

Punching die for rounding sheet corners. Punched corner radii are 10, 15, 20, 28 [mm] on sheets up to 5 mm thick for S355 steel. The size of the punched rounding can be changed via revolver-like tool rotation.

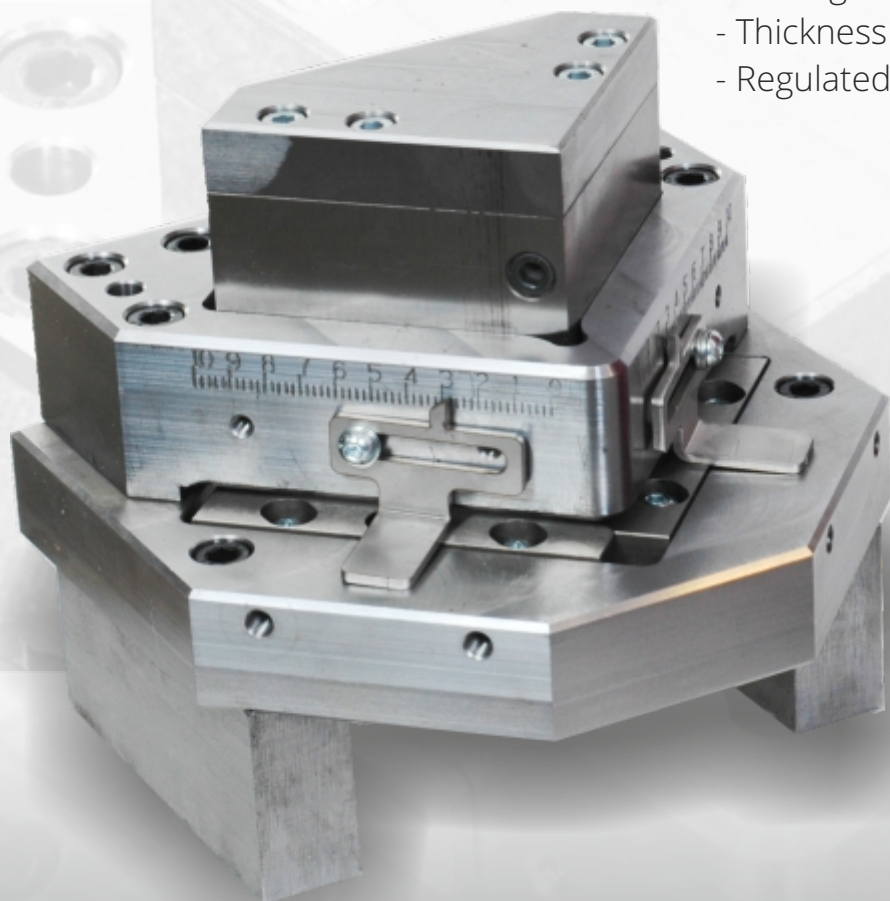


- Changing the punching die lasts 5 seconds
- Radius change via tool rotation
- Sheet thickness from 0.5mm to 5mm
- Repeatability of corner rounding
- Precise cuts

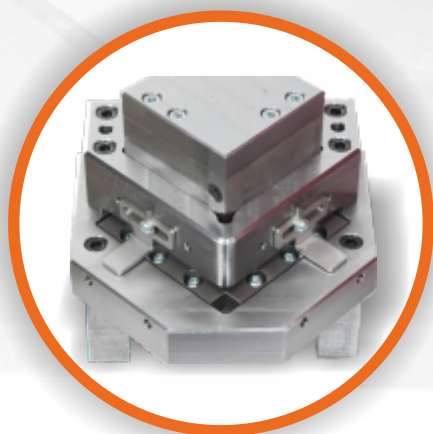


Punching die for 90° corners

- The cutting angle is equal to 90°
- Cutting of 100mm x 100mm corners
- Thickness of cut sheet from 0.5mm to 3mm
- Regulated corner cutting

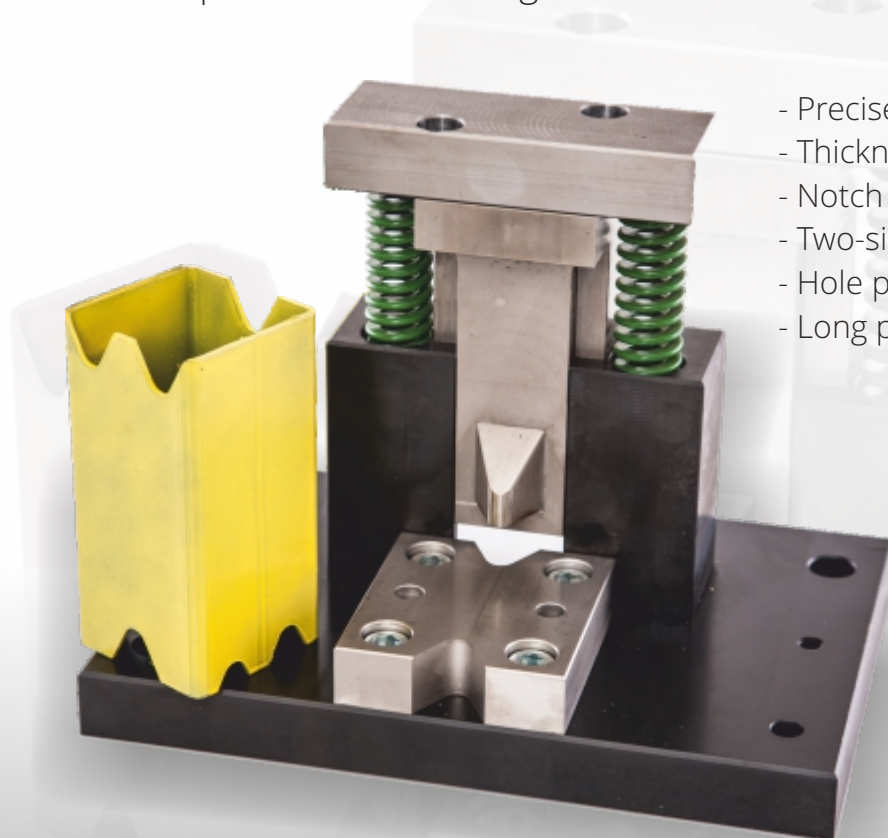


The punching die is suitable for cutting corners on sheets.
Perfect for cutting boxes, cans or metal electrical cabinets.



Punching die for punching holes in galvanized elements

"Wedge-shaped" attachment for punching holes in galvanized elements.
Used for profiles with rectangular and round cross-sections.



- Precise cutting
- Thickness of punched wall in profile 4mm
- Notch regulation
- Two-sided die
- Hole punched within 1 second
- Long punching die lifetime



The use of technological notches eliminates air cushions in designs.
Thanks to this, the detail is perfectly galvanized, and excess zinc on edges is reduced.



Example of punching die's application.

Standard blanking dies for punching machines

WKR10, WKR 70H, UPV 28



Accessory for cutting square and round bars, maximum bar diameter from 5 to 15 mm.

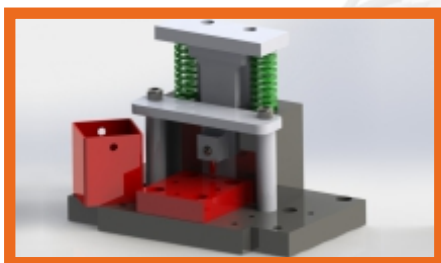
- By changing the die, flat sections with a maximum width of 40 mm and thickness of 6 mm can also be cut
- By changing the die, wire from 2 to 6 mm can be cut, several wires at a time



Accessory for punching undercuts for joining pipes at a 90-degree angle. Possibility of manufacturing punching die for given pipe diameter - max 60mm.

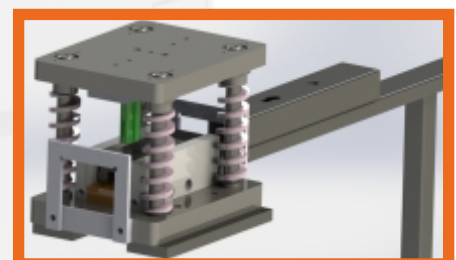
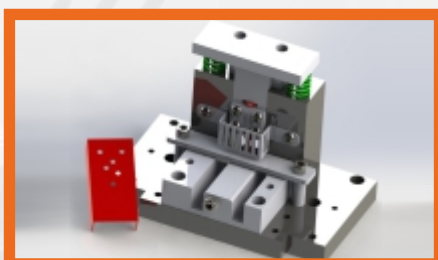
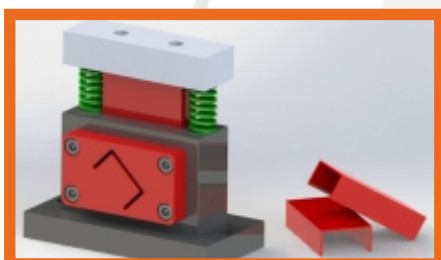


"Wedge-shaped" accessory for punching holes in galvanized elements in corners of profiles.



Accessory for punching technological holes enabling suspension of the detail for painting or galvanization.

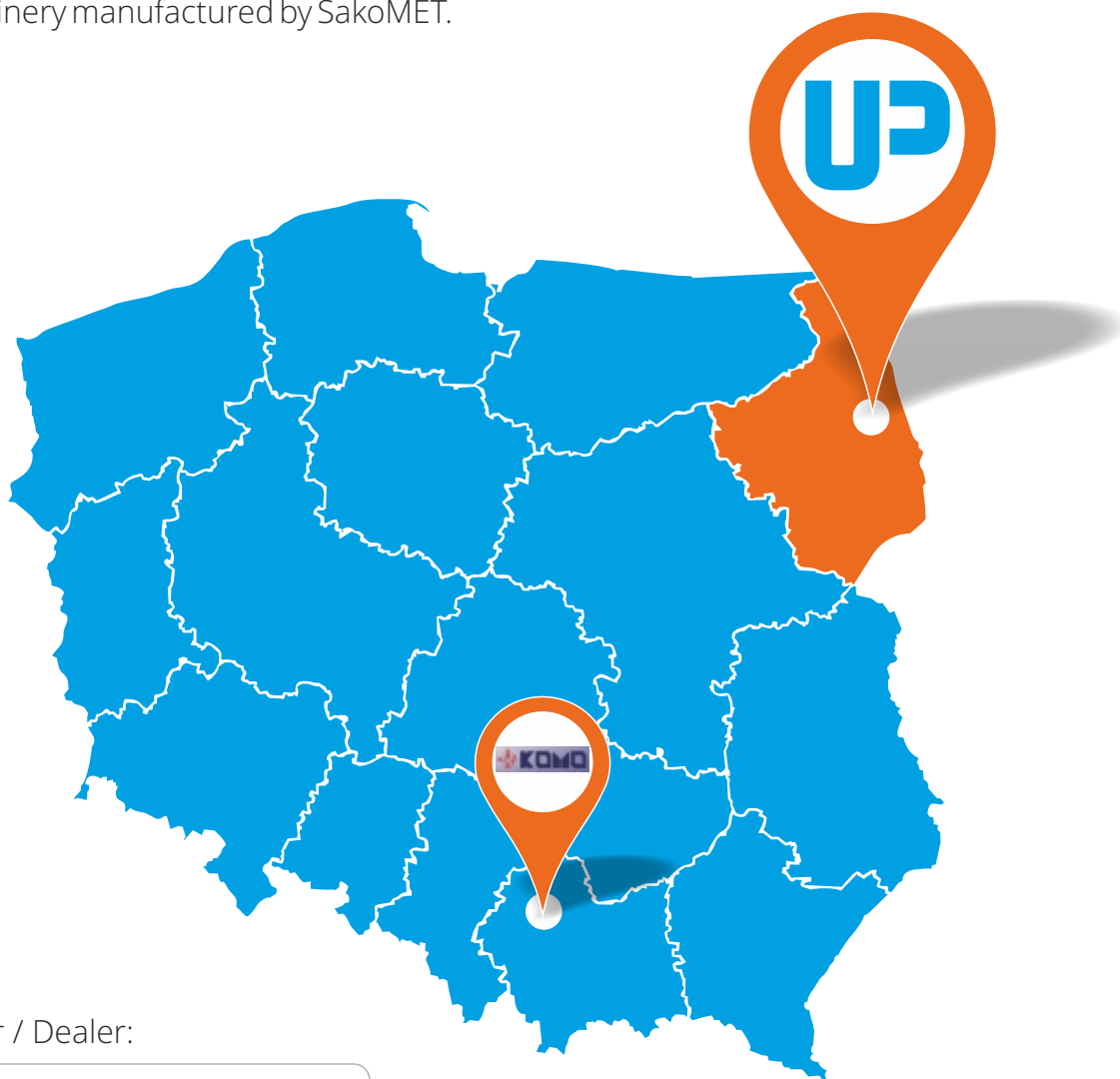
Examples of non-standard punching dies.





UltraPras is a design and trading company operating in the cold plastic metalworking industry. UltraPras was created as a subsidiary of SakoMET on the initiative of an experienced design team with many years of experience in the fitting industry.

We also design industrial tools, i.e. punching dies, press tools and accessories supporting manufacturing processes. The pillar of our activity is designing and distributing machinery manufactured by SakoMET.



Distributor / Dealer:

Contact:

cell +48 502 114 078

tel. +48 85 710 39 36

e-mail: kontakt@ultrapras.pl