

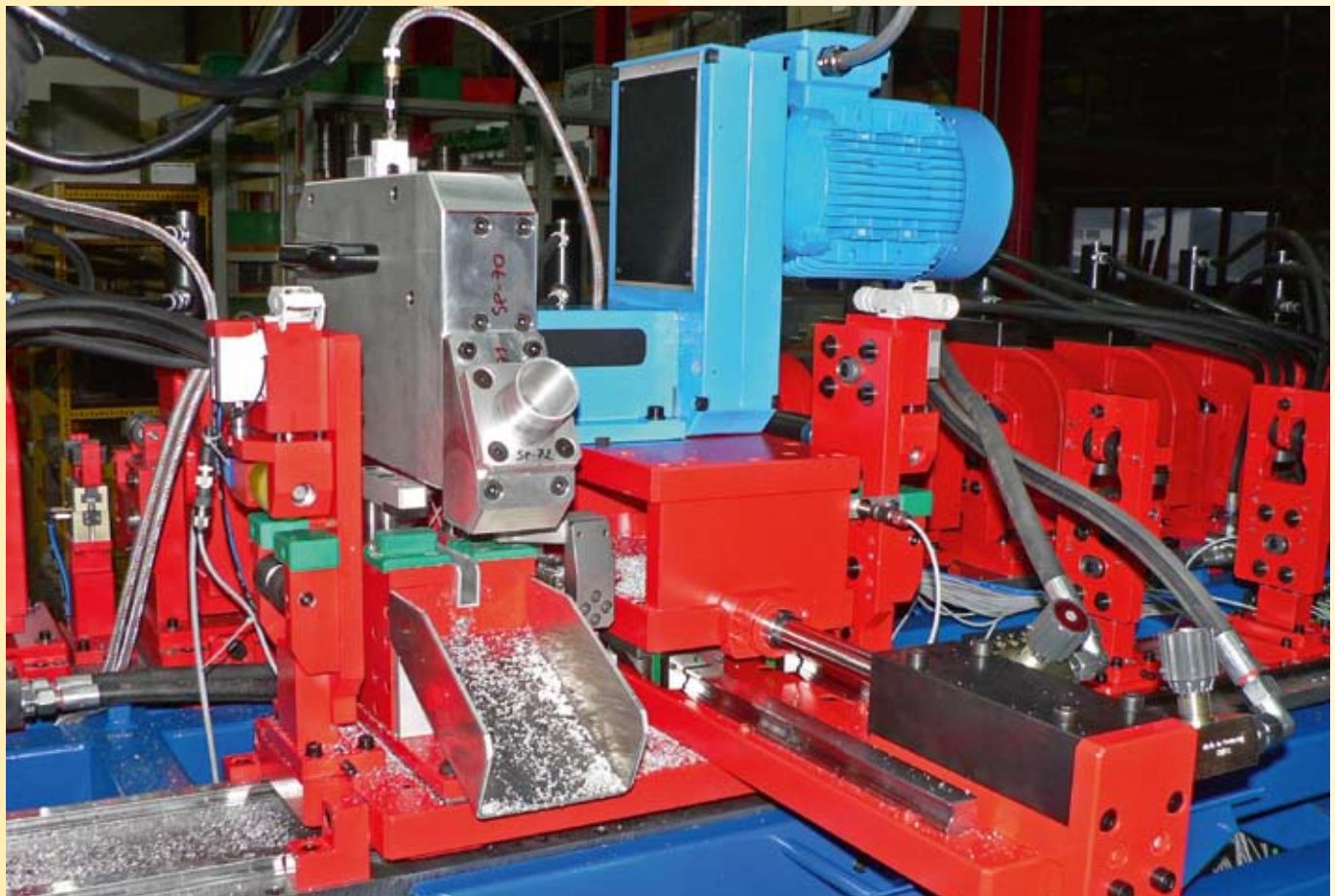
Industrial sector:

solar industry

Project: 090901

Material: aluminium profiles

Function: Special unit (20 x 4 m) for the processing of solar profiles: sawing, punching, nose forming and knurling of six different profiles.





Industrial sector:

automotive industry

Project: 090126

Material: PP with fabric lining

Function: Punching unit for D-column covering.





Industrial sector:

automotive industry

Project:

090127

Material:

compound material

Function:

Unit for punching the Partronic cutout in the inside roof lining.



Industrial sector:

automotive industry

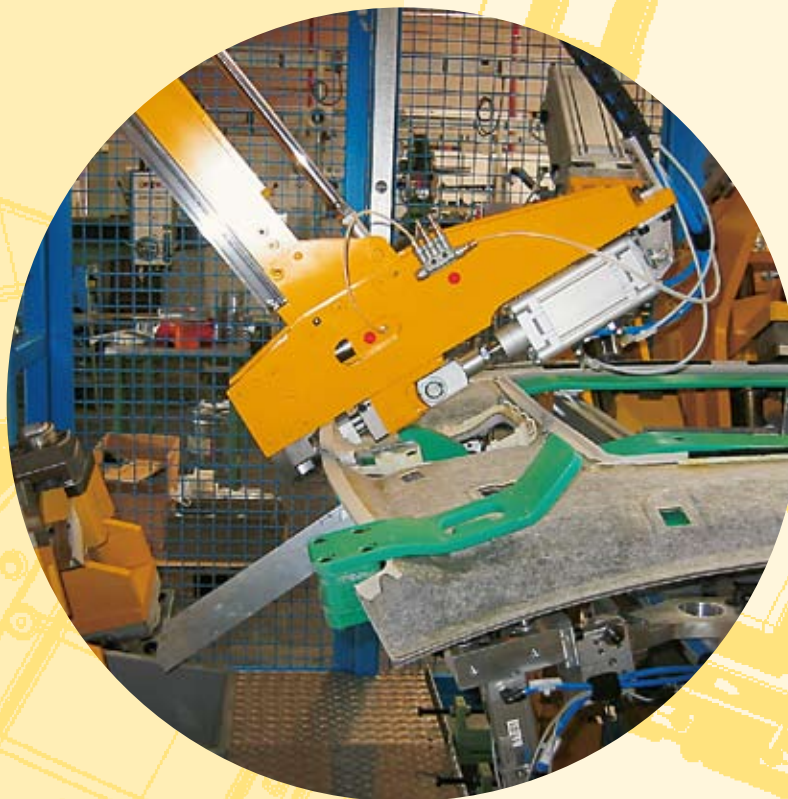
Project: 080326

Material: PP

Function: Unit for punching the tank cap cutout in the rear mudguard.







Industrial sector:

automotive industry

Project: 030715

Material: compound

Function: Pneumatically operated punching unit for cutting hole profiles in the inside roof lining of vehicles: make-up, Parctronic, array, window bag, reading lamp, rains sensor. The special unit can be controlled by the SAP software of the customer. The unit ensures positioning and identification of the inside roof lining blanks before starting the required working cycle.

INTELLIGENT PUNCHING SOLUTIONS

Presses • Special Units • Tools //

3

Presses · Special Units · Tools //

Non-cutting processing

// punching // pressure assembly
// stamping // crimping // insertion
// laser cutting ...

Special units

// drive
// hydraulic
// pneumatic
// hydropneumatic
// servo motor

Presses up to 1,000 KN

// pneumatic
// hydraulic
// hydropneumatic
// servo drive

Metal-cutting processing

// sawing
// milling
// drilling
// thread cutting

And much more ...

// sawing unit – according to
customer's requirements
// drilling-milling unit – according
to customer's requirements
// thread cutting unit
on request

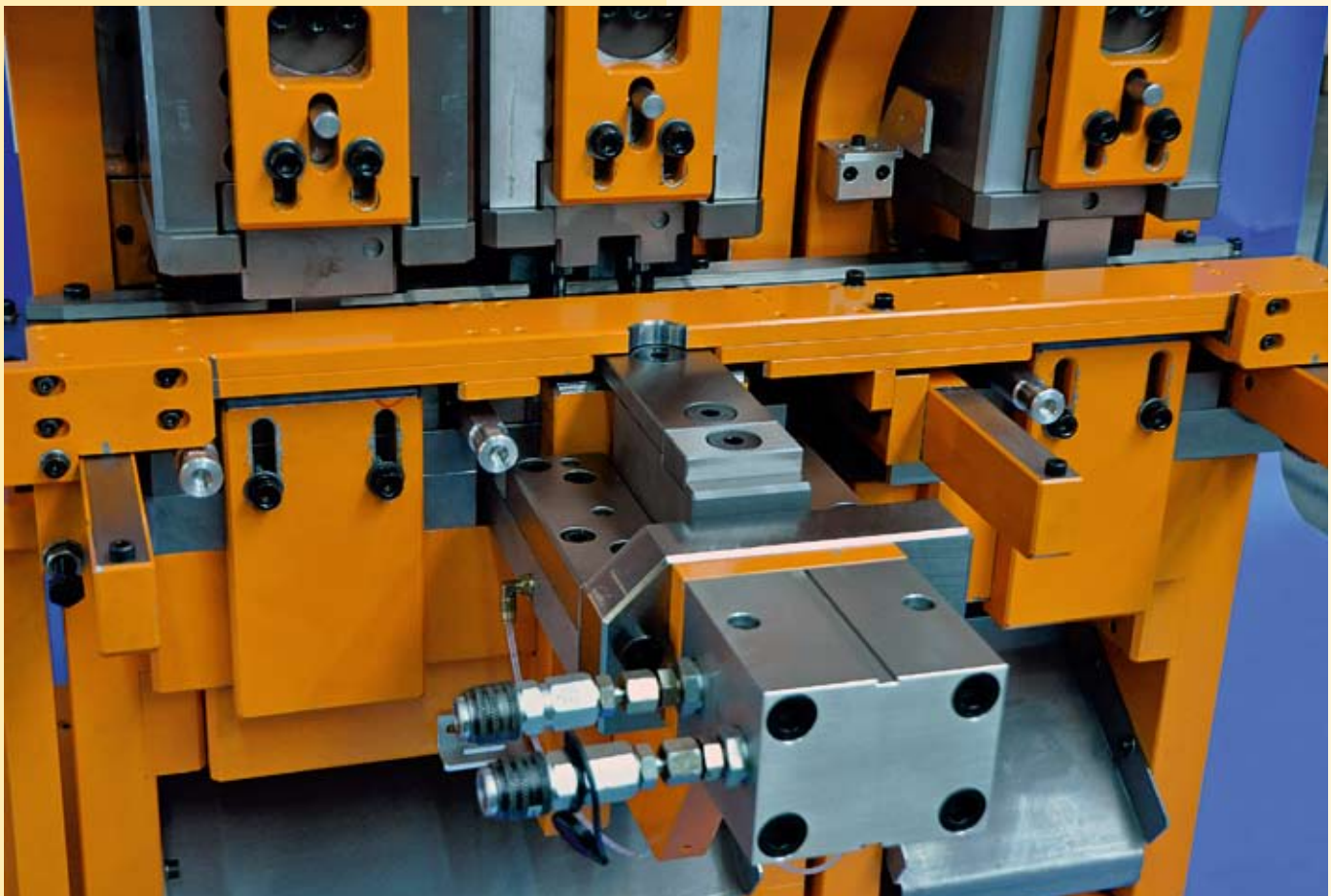
Industrial sector:

machine tools

Project: 100628

Material: S 235 JRG 2C

Function: Special press unit for notching, pulling and cutting off, 2 x 700 KN plus 1 x 100 KN.





Industrial sector:

automotive supplier

Project: 080625

Material: deep-drawing sheet

Function: Pressing tool for solenoid valve – Volvo.



Industrial sector:

ventilation industry

Project: 071204

Material: steel sheet

Function: Press unit for punching round blanks, the number of strokes is 450 H/min.

Adjustable parameters:

- round blank diameter
- division
- speed



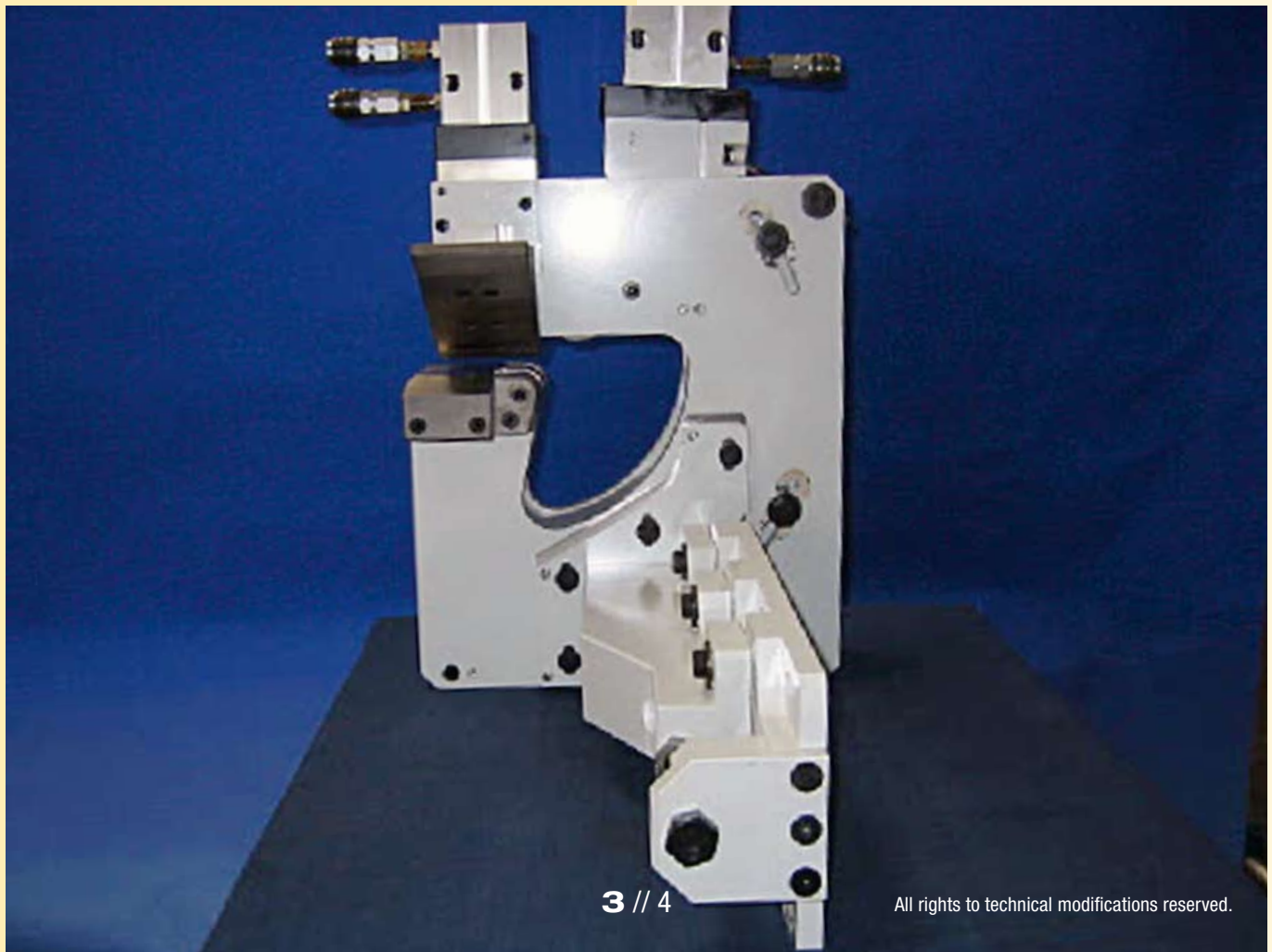
Industrial sector:

construction industry

Project: 060418

Material: steel wire B 500 / 7

Function: Special hydraulic unit for bending wires (\varnothing 8 – 10mm);
the angle accuracy can be adjusted.





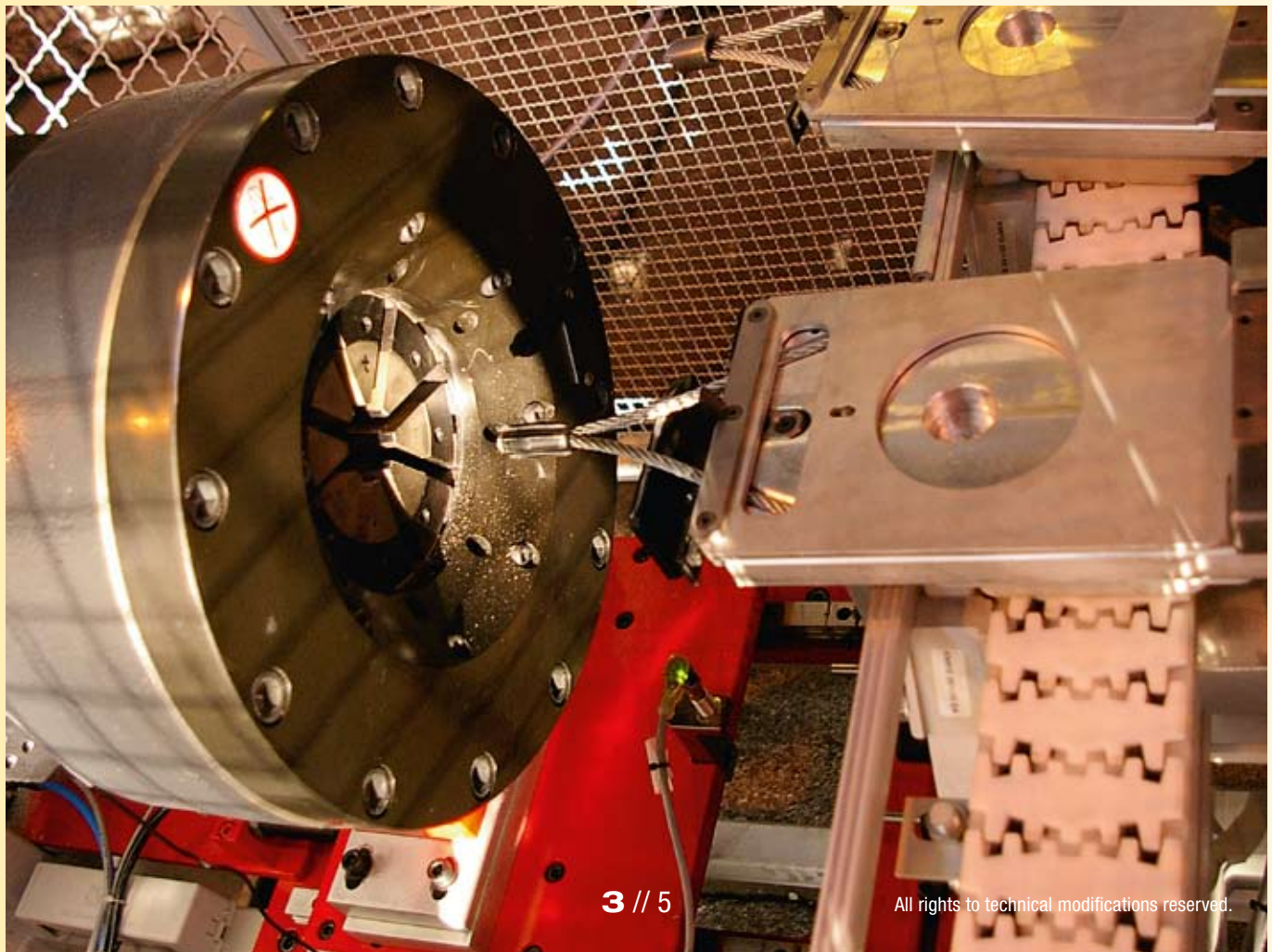
Industrial sector:

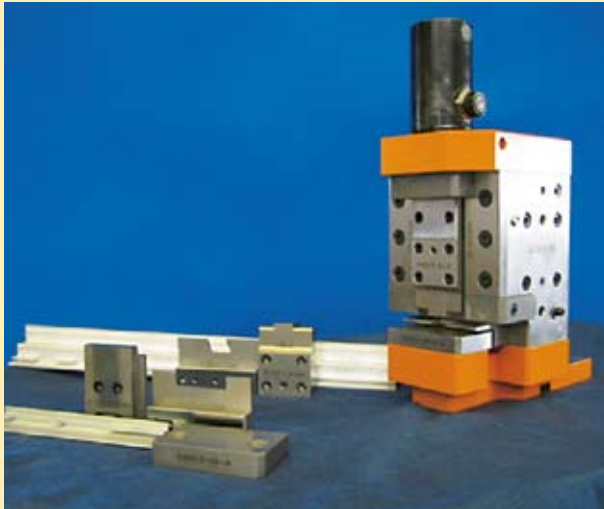
construction industry

Project: 080318

Material: steel cable with pressing bush

Function: Unit for pressing steel cables.
The hydraulic crimping press has a pressure force of 2,700 kN.





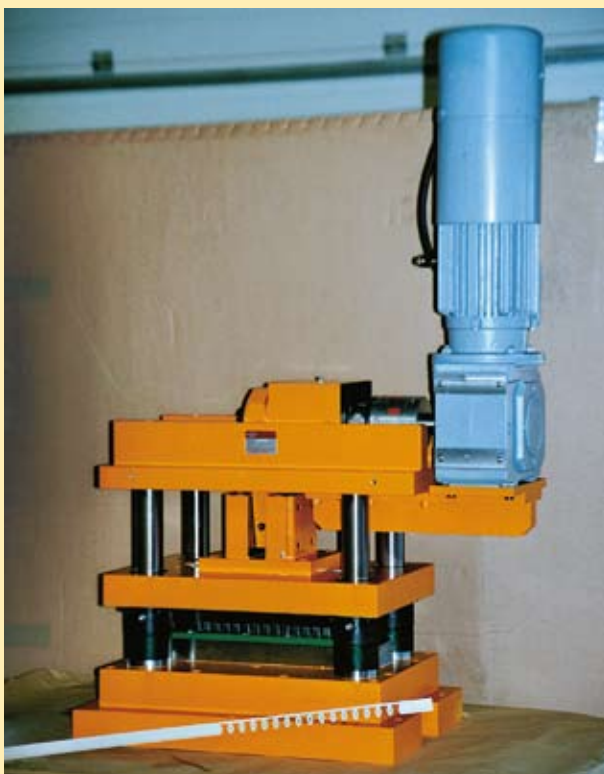
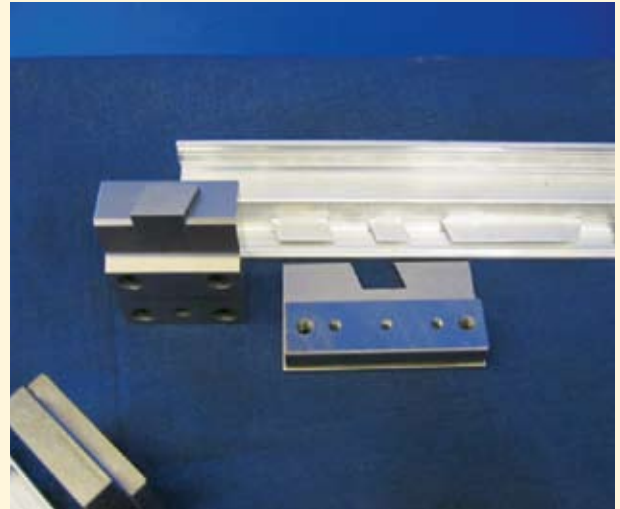
Industrial sector:

vehicle construction

Project: 040313

Material: aluminium extruded section

Function: Special hydraulic unit.
The die is flexibly mounted so that it is possible to notch an intermediate bar in the aluminium profile.



Industrial sector:

metal constructions

awnings, doors, window construction, conservatory, door profiles etc.

Project: 001001

Material: aluminium extruded section

Function: Electrically operated punching press with integrated notching tool.
The pressure force is 7 t for 60 working cycles.

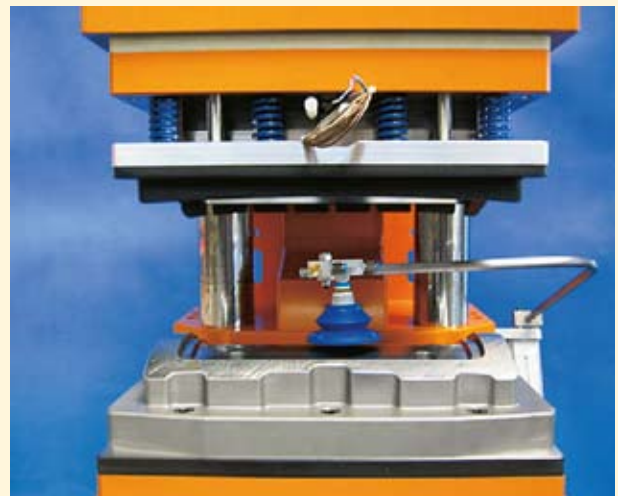
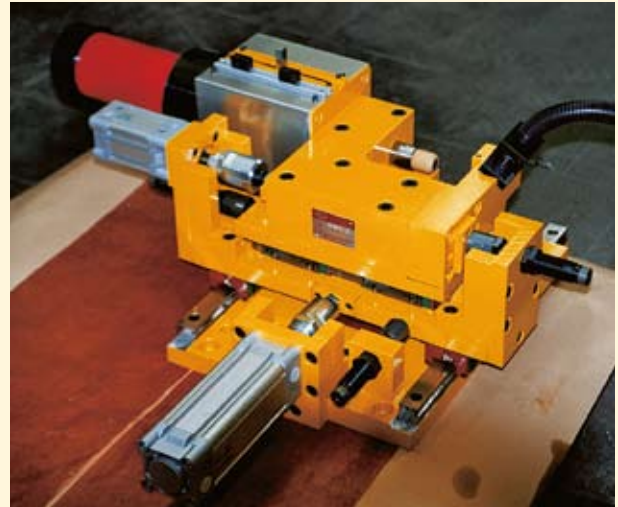
Industrial sector:

automotive industry

Project: 000731

Material: steel sheet

Function: Special pneumatic unit for punching holes with \varnothing 12 mm into a steel sheet. The unit is mounted on a base plate by means of linear guides and is led to the workpiece from X/Y directions. The punchings are removed by means of a hose connected with a »venturi nozzle«.



Industrial sector:

automotive industry

Project: 040217

Material: PPEPDM

Function: Special hydraulic unit for cutting the trailer coupling recess in the rear bumper of a VW Passat B6.



SIEMENS

SIMATIC PANEL

IPS
technika narzędziowa
German

AUTO

HAND

Störung
Reset

HELP

ESC

ACK

ENTER

AUTO
Start

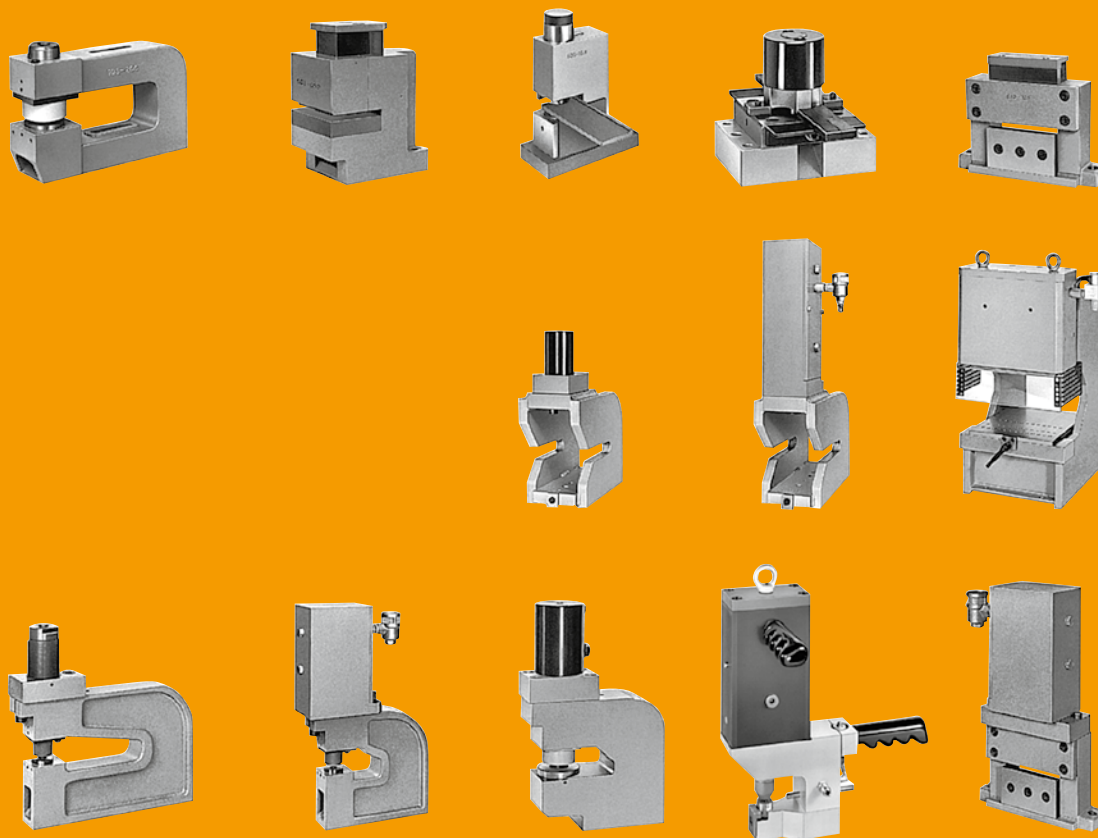
AUTO
HAND

NOT-AUS
EMERGENCY STOP



Punching and Cutting Units //

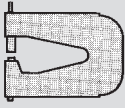

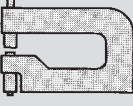

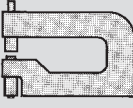
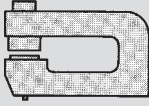
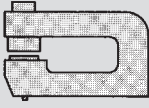
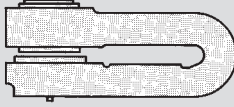
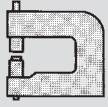
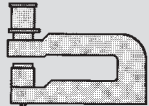
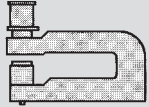

Punching and Cutting Units //



INTELLIGENT PUNCHING SOLUTIONS



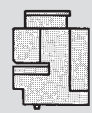
Press-operated punching units for punching round and shaped cuts

Series	Illustration / Order Number	Punch diameter range	Throat depth range	Standard shapes	Material thickness
100	 100-160	2-7	160		0,3-5
101	 101-200 F	2-13	200		0,3-5
102	 102-200 F	8-25	200		0,3-5
103	 103-200 F	25-40	200		0,3-5
104	 104-200 F	40-63	200		0,3-5
105	 105-300 F	63-100	300		0,75-5
111	 111-125F	2-13	125		0,3-5
112	 112-200 F	8-22	200		2-10
113	 113-200 F	22-38	200		2-10
114	 114-200 F	35-63	200		2-10



90° notch units, press-operated

Series	Illustration / Order Number	Notch size	Notch shape	Material thickness
600	 600-063 L/R	63x63		0.3-8
	600-125 L/R	125x125		0.3-8



Rectangle notch units, press-operated

Series	Illustration / Order Number	Notch size	Notch shape	Material thickness
601	 601-050	50x50	e.g. 	0.3-3
	601-100	100x75		

Radius cut units, press-operated

Series	Illustration / Order Number	Radius range	Cutting angle α	Cutting shape	Material thickness
605	 605-16 L/R	3-16	max. 180°	e.g. 	max. 6
	605-20 L/R	3-20			

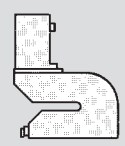

Radius cut units, press-operated

Series	Illustration / Order Number	Radius range	Cutting angle α	Cutting shape	Material thickness
606	 606-30	5, 10, 15, 20, 25, 30	90°		max. 5

Cut-off units, press-operated

Series	Illustration / Order Number	Cutting width	Cut-off	Material thickness
610	 610-125 N	12		0.3-8
	610-250 N	250		

Pneumatic and hydraulic table presses

Series	Illustration	For use with units from series	Cylinder force [kN]
624 626	Series 624  Pneumatic single-action table presses	100, 101, 102 103, 104, 105	40 68
	Series 626  Hydraulic double-action table presses	600-063L/R 600-125 601-050 606-30	80 109 120 125