

FORMING MACHINES  
REFERENCE

# DIEFFENBACHER CZ

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## PO 60 (3 pcs)

### Hydraulic press for thermosets pressing in warm environment

**Customer:** CEBES a. s.,  
Brumov-Bylnice

**Implementation:** V/2007

#### Basic parameters:

Forming force	600 kN
Stroke	400 mm
Closed height	300 mm
Table size	650 x 6500 mm
Forming speed (max.power)	5 mm/s

#### Equipment of the press:

- Lower ejector  
ejecting force: 200 kN  
stroke: 200 mm



## POS 30

### Hydraulic shearing press for press-cast pieces of aluminium

**Customer:** DEL company for work-station of pressing cast works, ČZ Strakonice

**Implementation:** VIII/2003

**Customer:** DEL company for work-station of pressing cast works, TOKOZ Žďár nad Sázavou

**Implementation:** X/2004

#### Basic parameters:

Forming force	300 kN
Stroke	1000 mm
Closed height	250 mm
Table size	1 000 x 700 mm
Forming speed (max.power)	25 mm/s

#### Equipment of the press:

- device for cast piece release
- tool replacement
- upper ejector
- hydraulics for tools



## POS 45

**Hydraulic press to be used in an automated line for shearing and pressing moulds of wired fabric**

**Customer:** ŽDB, a. s., plant Metal Fabrics – Kamenná

**Implementation:** II/2007

**Basic parameters:**

Forming force	450 kN
Stroke	70 mm
Closed height	750 mm
Table size	900 x 900 mm
Power	1 stroke / sec. when shearing  1 stroke / 3 sec. when pressing



## POS 60 (2 ks)

**Hydraulic column-shaped press for forming and punching of parts with semi-automatic tool replacement**

**Customer:** KYB Manufacturing Czech s.r.o.,  
Pardubice

**Implementation:** X/2013

**Basic parameters:**

Forming force	600 kN
Stroke	400 mm
Closed height	150 mm
Table size	800 x 600 mm
Forming speed (max.power)	26 mm/s

**Equipment of the press:**

- device for tool replacement
- hydraulic clamber in the ram
- hydraulic clammers on the table board
- guiding rails hydraulically lifted



## POS 75

**Double-acting hydraulic press for stamping semi-products intended for forgings of flanges done in hot environment**

**Customer:** Žďas a. s., Žďár nad Sázavou

**Implementation:** III/2004

**Basic parameters:**

Forming force	750 kN
Stroke	600 mm
Closed height	340 mm
Table size	470 x 750 mm
Forming speed (max.power)	60 mm/s

**Equipment of the press:**

- Lower holder  
maximum force: 300 kN  
stroke: 200 mm

**Working cycle: 9 seconds**



## POS 400

**Hydraulic column-shaped press for installation of stainless steel grids with both-side mechanization**

**Customer:** ACO Industries k.s., Příbyslav

**Implementation:** X/2011

**Basic parameters:**

Forming force	4 000 kN
Stroke	200 mm
Closed height	200 mm
Table size	1 250 x 1 250 mm
Forming speed (max.power)	3.8 mm/s

**Equipment of the press:**

- 2 pieces of automatic charging tables
- Charging tables equipped with clamping and centering semi-products
- control of the front and back of the press with possibility of pressing two different types and sizes of grids



## PV 200

**Hydraulic pressing product for pulling and forming of prototype parts**

**Customer:** Kovovýroba HOFFMANN, s.r.o.,  
Ostrožská Nová Ves

**Implementation:** III/2011

**Basic parameters:**

Pulling Table	
Maximum force	2 000 kN
Stroke	500 mm
Length of pulling table	1500 mm
Forming speed (max.power)	10 mm/s

Clamping tables (2pcs)	
Retaining force	800 kN
Move	1 100 mm
Turning	±150°

Clampers	
Gripping force	800 kN
Stroke	50 mm



## WHERE TO FIND US



# DIEFFENBACHER

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**Brno, Industrial Zone of Slatina**

- 2 kilometres from the city centre
- 1 kilometre from the motorway Brno-Olomouc
- 3 kilometres from the Airport