



## Hydraulic Press CDC 2-9

The CDC 2-9 hydraulic press is a high - speed table press designed for small production and mounting work. It is especially suited to batch production quantity and line production, for a range of work on small to medium sized products. It is possible to use it at pressing, straightening, bending, cutting, drawing and stretching, riveting, stamping, etc. The pressure is fully adjustable up to its maximum limit.

The press is constructed for fixed installation at a location protected from weather (environment classification 3K3/3Z1/3B1/3C2/3S2/3M3 acc. Czech standard EN 60721-3-3 - classification of environment conditions). Electrical installation must provide protection against electric shocks. Appropriate Czech standard 33 2000-4-1-41 (equivalent ES 602 04-1 33 2200).

If continuous use of the press on one or more shifts is planned, or the case oil temperature rises above 55 °C, then the press should be equipped with cooling.

### **Description**

The press consists of a box-stand frame forming a compact unit with the tank for operating oil, the press piston cylinder and the worktable. The control board consists of the control board body, the flange and gear wheel pump with the flange - mounted electric motor built into the frame. The worktable, assessable from the three sides, is provided with a clamping groove and a fall - through opening facing forwards. The press is connected to the electrical power supply using a power cord and plug. The lockable motor starter switch is fitted with electromagnetic and thermal trip.

The CDC 2-9 hydraulic press was certified on May 19, 1998 by Machinery certification institute in Brno.

### Technical data

Parameter	Value
Max. pressing power	20 kN
Max. retract power	7,5 kN
Lifting of pressing piston	160 mm
Opening of the press	205 mm
Lining	150 mm
Dimension of working table	200 x 205 mm

### Speed of the Piston

Parameter	Value
By max. pressing power	70 mm/sec.
By half- pressing power	110 mm/sec.
By retract motion	180 mm/sec.

### Dimensions

Parameter	Value
Length	870 mm
Max. width	300 mm
Max. height	670 mm
Weight	145 kg

### Pump

Parameter	Value
Delivered amount	27,5 . 10 <sup>-5</sup> m <sup>3</sup> / sec (16,5 l/min.)
Max. operating pressure	5 Mpa
Operating liquid	OT-HP3 PND 23-107-77 (ekviv. ČSN ISO 67-43-0)
Charge of operating liquid	11 litres

### Energy

Parameter	Value
Voltage system	3+PEN, - 50Hz, 400/230V, 3kVA
Voltage	400/230 V, - 50Hz
Electric motor	4 AP 90 L-4, IM 3041, 2,1 kW, S6/25%, izolation F
Max. noisiness by pressing	78 dB
Max. noisiness by idle run	72 dB

### Accessories

- Standard: electric motor, set of seals, fitter tools, operating instructions, all included in the price
- Optional: table extension sections, spare parts, additional spareseals, cooling oil - all at additional charge. Hydraulic oil is not delivered with the machine
- Packing: wooden box 95 x 40 x 97 cm.

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