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Digima WCY 40T 1320mm hydraulic press brake, 40x1320 mm





Hydraulic press brake

Digima WCY-40T/1320

40-ton hydraulic press brake with a 1320 mm working length



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Digima WCY-40T/1320 is a compact hydraulic press brake for bending sheet metal and metal components. The model offers a nominal press force of **400 kN / 40 tonnes**, a working table length of **1320 mm** and a **3 kW** main motor.

The machine is configured with components from reputable brands including **Estun NC E21**, **Schneider Electric**, **Siemens**, **Bosch-Rexroth**, **Sunny**, **Delta**, **KACON**, **EMB** and **PARKER**.

40 ton Nominal press force

1320 mm Working table length

Estun E21 NC control

3 kW Main motor power

WCY-40T/1320 – a compact, powerful and practical press brake.

Ideal for workshops, manufacturing facilities and companies bending sheet metal, enclosure components, profiles, guards, panels and technical parts.

Product gallery

7 photos in the WCY-40T/1320 press brake gallery

Below, space has been prepared for seven listing photos: a machine view, controls, hydraulics, guards, backgauge, equipment and construction details.

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General view of the machine

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Estun E21 control



Hydraulic system

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Table and working beam



Backgauge

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Safety guards

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Included accessories

Why this model?

Proven components and a well-thought-out configuration

The WCY-40T/1320 has been designed as a practical press brake for everyday use. Its configuration uses components from well-known manufacturers, making servicing easier, increasing reliability and improving user comfort.

01

Estun NC E21 control

Backgauge and working-axis control, operation counter and position memory after power-off.

02

Bosch-Rexroth hydraulics

The hydraulic system based on Bosch-Rexroth components provides stable and repeatable machine operation.

03

Siemens 3 kW motor

The Siemens main motor provides reliable power for the press brake working system.

04

Schneider Electric

Schneider Electric electrical components enhance the durability and quality of the control system.

05

Sunny pump

The Sunny hydraulic pump supports proper operation of the press brake hydraulic system.

06

Parker seals

PARKER seals and guide rings increase the durability of working components.



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Construction and safety

Rigid frame, guards and protective systems

Construction description

- Modern European “streamline” design.
- One-piece welded steel frame with high rigidity.
- Heat-treated frame for structural stability.
- Designed using FEM and DOE analyses.
- IP65 electrical cabinet compliant with CE standards.

Safety systems

- High oil-temperature warning.
- High oil-pressure protection.
- Motor overload protection.
- Side guards and a rear light barrier.
- Leakage-current protection and a safety relay.

Control and equipment

Estun E21 NC and included accessories

Estun E21 NC control system

- Backgauge control, i.e. X-axis control.
- Ram / working Y-axis control.
- Positioning resolution of 0.1 mm or 0.01 mm.
- Operation and stroke counter.
- Position-memory function after power-off.
- Smart positioning and screw backlash compensation.

Accessories and spare parts

- Mechanical operation manual.
- Electrical operation manual.
- Quality certificate and packing list.
- Front supports — 2 pieces.
- Foot pedal set.
- M20 × 300 foundation bolts — 4 sets.



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- Spare sealing rings – 2 sets.
- Electrical cabinet keys.

Applications

What jobs is the WCY-40T/1320 suitable for?

A

Metalworking workshops

Bending small and medium steel components, profiles, guards and workshop parts.

B

Enclosure production

Manufacturing enclosures, panels, box components and technical guards.

C

Small-batch production

Repeatable part bending thanks to NC control and an adjustable backgauge.

Technical parameters

Digima WCY-40T/1320 technical specification

Parameter	Value
Model	Digima WCY-40T/1320
Machine type	Hydraulic press brake
Nominal press force	400 kN / 40 ton
Working table length	1320 mm
Distance between columns	900 mm
Throat depth	180 mm
Ram / slider stroke	100 mm
Clearance / Open height	290 mm
Backgauge range	500 mm
Approach speed	80 mm/s
Working / pressing speed	9 mm/s
Return speed	80 mm/s



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Parameter	Value
Main motor power	3 kW
Overall dimensions	approximately 1500 × 1300 × 1800 mm
Control system	Estun NC E21
Electrical components	Schneider Electric
Main motor	Siemens
Hydraulic system	Bosch-Rexroth
Hydraulic pump	Sunny
Power supply	3-phase, 380 V AC ±10%, 50 Hz
Operating temperature	from -20°C to +50°C
Humidity	20–85%
Certificate	CE
Manual	Manual in Polish