

Electric  
press brakes

# DYNA-PRESS

FAST, ACCURATE AND FLEXIBLE BENDING



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Dyna-Press is your perfect bending partner. This fast, electric-drive press brake is available in 24 and 40 tons of pressing force. The electric ram offers smooth transition from approach to working speed and minimises power consumption.



Dyna-Press 40/15



## HIGH PROCESSING SPEEDS

Dyna-Press efficiently bends small parts at high speeds up to 25 mm per second. This results in more parts per hour and a lower cost per part.

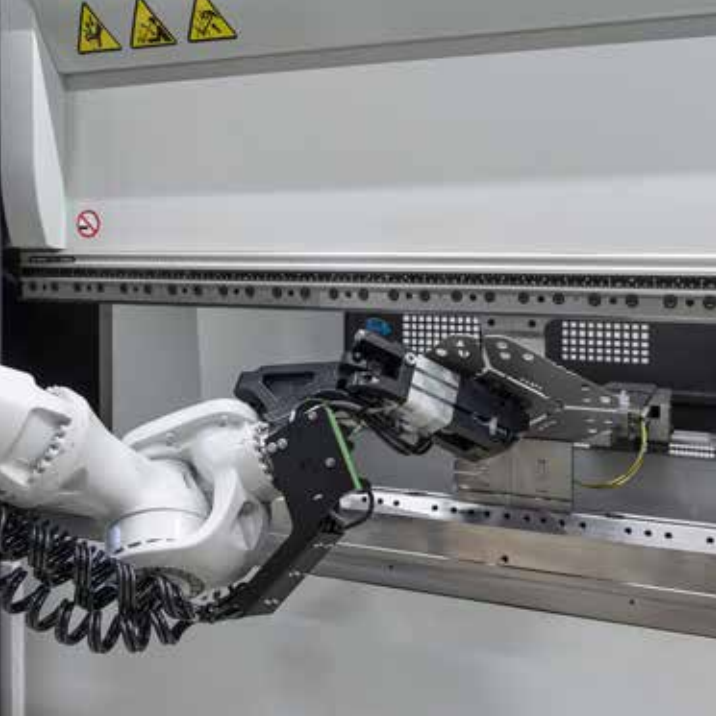
## FUNCTIONAL DESIGN

A streamlined design uses two heavy-duty ball screws to drive the force transmission from the servomotors to the pressing force of the ram. Fewer components means less maintenance.



## BENDING METHODS

Machine and software are suitable for commonly employed bending methods: air bending, coining, hemming and bottoming.



## ROBOTISED SOLUTION

Dyna-Cell®, LVD's high-speed robotised bending cell, features a Dyna-Press 40/15 Pro press brake to produce small to medium components. The automation cost has been carefully balanced with the machine's price to ensure optimum cost-benefit ratio.



## EASY-FORM® LASER



LVD's adaptive bending system Easy-Form® Laser is an option on Dyna-Press 40/15 Pro. EFL transmits information in real time to the control, which processes it and immediately adjusts the punch position to ensure precise, consistent bending.



## ERGONOMIC & SECURE



Depending on the model, Dyna-Press is equipped with a front support table so the operator can work in a seated or standing position. Safety is guaranteed through use of a lightguard or an IRIS Lazer Safe system.



## INTUITIVE CONTROL

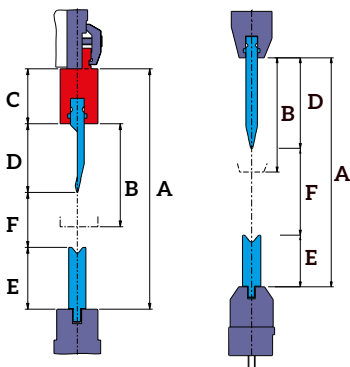
LVD's 15" Touch-B touch screen control is simple to operate and provides synchronised control of all axes. Operators can create 2D-designs and simulate in 3D on the screen. Additionally, the control is compatible with LVD's bending software CADMAN®-B.

## TOOLING STYLES

An extensive range of upper and lower tools can be used on Dyna-Press, universal or W style for punches, universal or LVD style for dies.



### OVERVIEW PUNCHES



Only on Dyna-Press 40/15 Pro

#### W STYLE

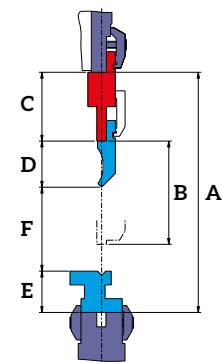
	style	max. load*	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
<b>Dyna-Press 24/12</b>	07W	400 kN/m	350	150	80	100	90	80
<b>Dyna-Press 40/15</b>	07W	400 kN/m	400	200	100	100	90	110
<b>Dyna-Press 40/15 Pro</b>	10W	400 kN/m	400	200	-	159	90	151

\*maximum load head bearing

#### UNIVERSAL

	max. load*	A [mm]	B [mm]	C [mm]	D [mm]	E [mm]	F [mm]
<b>Dyna-Press 24/12</b>	400 kN/m	350	150	100	67	60	123
<b>Dyna-Press 40/15</b>	400 kN/m	400	200	100	67	60	173

\*maximum load head bearing



A = distance table/ram | B = stroke | C = net height adapter | D = net height punch | E = net height die | F = net opening

# DYNA-PRESS RANGE



Dyna-Press 24/12

## Dyna-Press 24/12 and 40/15

### COMPACT AND FAST

Compact press brakes with four-axis backgauge, ideal for bending small parts. Dyna-Press 24/12 can be conveniently relocated using a standard forklift.

## Dyna-Press 40/15 Pro

### MORE BENDING CAPACITY

Full-featured electric press brake with five-axis backgauge to handle a broader range of applications. With the optional Easy-Form® Laser, the Pro delivers ultimate precision.



WITH  
EASY-FORM®  
LASER  
OPTION



## Dyna-Cell

### HIGH-SPEED BENDING CELL

The compact, robotic manufacturing cell combines a Dyna-Press 40/15 Pro with a Kuka robot. Dyna-Cell is equipped with a unique gripper and offers incredibly fast and easy programming.

# TECHNICAL SPECIFICATIONS

## DYNA-PRESS SERIES

	24/12	40/15	40/15 Pro   Dyna-Cell
Pressing force	240 kN	400 kN	400 kN
Stroke	150 mm	200 mm	200 mm
Distance table/ram	350 mm	400 mm	400 mm
Working length	1250 mm	1530 mm	1530 mm
Working height	900 mm	900 mm	975 mm
Distance between uprights	1195 mm	1535 mm	1535 mm
Gap (left side)	100 mm	100 mm	175 mm
Approach speed*	100 mm/s	100 mm/s	100 mm/s
Working speed**	25 mm/s	25 mm/s	25 mm/s
Return speed	100 mm/s	100 mm/s	100 mm/s
Top tooling	universal/W style	universal/W style	W style
Bottom tooling	universal/LVD style	universal/LVD style	LVD style
Clamping	manual	manual	manual/pneumatic optional
Total height	2180 mm	2500 mm	2765 mm
Total depth	1090 mm	1205 mm	1485 mm
Weight	2500 kg	3750 kg	4750 kg
Control	15" Touch-B	15" Touch-B	15" Touch-B
Backgauge	X,R,Z1,Z2	X,R,Z1,Z2	X1,X2,R,Z1,Z2
Electricity consumption	6 kW	8 kW	8 kW
Safety system	Lightguard	Lightguard	IRIS Lazer Safe
Easy-Form® Laser	no	no	option
Prepared for robot integration	no	no	option (Pro)   standard (Dyna-Cell)

\* In CE-countries the machine is as standard equipped with a safety system.

\*\* Limited to the safety norm for CE-countries and depending on production.

**Specifications subject to change without prior notice.**