

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 26 and 44 tons of pressing force. The electric ram offers smooth transition from approach to working speed and minimizes power consumption.



Dyna-Press 40/15



HIGH PROCESSING SPEEDS

Dyna-Press efficiently bends small parts at high speeds up to 59" per minute. 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.



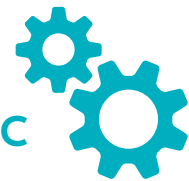
ROBOTIZED SOLUTION

Dyna-Cell, LVD's high-speed robotized 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 OPTION



LVD's adaptive bending system Easy-Form® Laser is an option on the 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 enhanced through use of a lightguard or an IRIS Lazer Safe system.

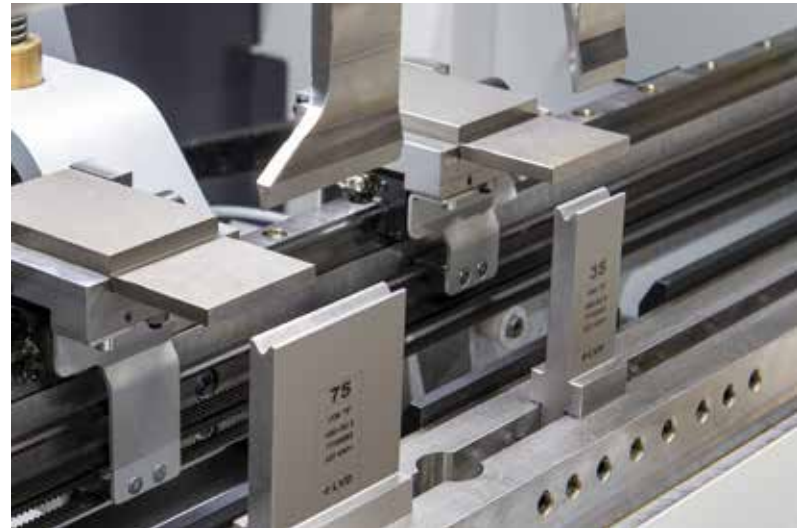


INTUITIVE CONTROL

LVD's 15" Touch-B touch screen control is simple to operate and provides synchronized 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, W style or U.S. style.



DYNA-PRESS TOOLS

UNIVERSAL STYLE TOOLING

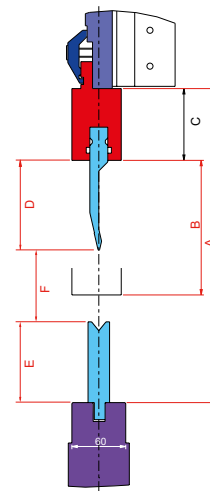
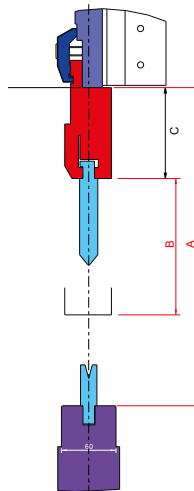
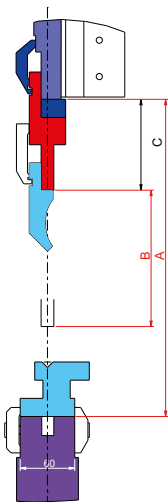
	A	B	C
24/12	13.7"	5.9"	3.9"
40/15	15.7"	7.9"	3.9"

U.S. STYLE TOOLING

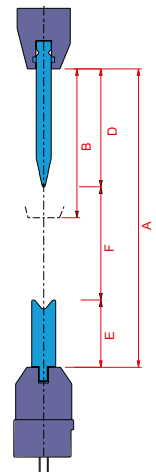
	A	B	C
24/12	13.7"	5.9"	3.9"
40/15	15.7"	7.9"	3.9"

W STYLE TOOLING

	A	B	C	D	E	F
24/12	13.7"	5.9"	3.1"	3.9"	3.5"	3.1"
40/15	15.7"	7.9"	3.9"	3.9"	3.5"	4.3"
40/15 Pro	15.7"	7.9"	-	6.2"	3.5"	6"



DYNA-PRESS 40/15 PRO



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. The 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	26 tons	44 tons	44 tons
Stroke	5.9"	7.9"	7.9"
Distance table/ram	13.7"	15.8"	15.8"
Working length	49"	60"	60"
Working height	35"	35"	38"
Distance between uprights	47"	60"	60"
Gap (left side)	3.9"	3.9"	6.8"
Approach speed*	up to 236"/min.	up to 236"/min.	up to 236"/min.
Working speed**	up to 59"/min.	up to 59"/min.	up to 59"/min.
Return speed	236"/min.	236"/min.	236"/min.
Top tooling	universal/W style/US style	universal/W style/US style	W style
Bottom tooling	universal/W style/US style	universal/W style/US style	W style
Clamping	manual	manual	manual/pneumatic (optional)
Total height	86"	98"	109"
Total depth	46"	46"	58"
Estimated weight	5,000 lbs.	8,400 lbs.	10,472 lbs.
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 optional	lightguard optional	IRIS Lazer Safe
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.

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