



P R E S S B R A K E S

PPS



Cost Effective Hydraulic Press Brakes

The new PPS is an extension to the LVD Cost-Effective Series of Sheet Metal Working Machines which combine performance with price sensitivity.

Combining **Performance, Price Sensitivity** and **Simplicity** the PPS is designed to meet the challenges of today's 'Cost Down' manufacturing culture. Ideally suited to those less demanding fabrication jobs where you may not wish to absorb capacity on a higher specification machine or where the part cost does not justify a higher investment in the machine. In the PPS LVD has skilfully balanced functionally and price without any compromises on quality. This simple and easy to use machine is available in sizes from 50 to 200 tons and bend lengths from 2000 to 4000 mm and is offered in two models.

The PPS^{TS} provides a 3 or 4 axis (optional) configuration via LVD's easy to use Touch Screen control and is fully CE approved.

Robustly Constructed

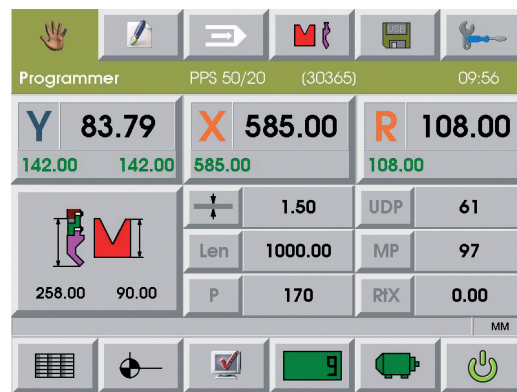
The PPS machine has the same solid foundation as all LVD press brakes up to 200 tons, which are designed and built utilizing a welded one-piece frame, machined without repositioning and stress relieved, guaranteeing machine precision.

Hydraulic cylinders are machined from a solid steel billet. Pistons are steel forgings, precision ground and micropolished for years of trouble-free service. The PPS^{TS} hydraulic system is fully servo-controlled using state-of-the-art hydraulics and electronics to ensure perfect control of the bending process.

The PPS^{TS} features:

■ Touch Screen

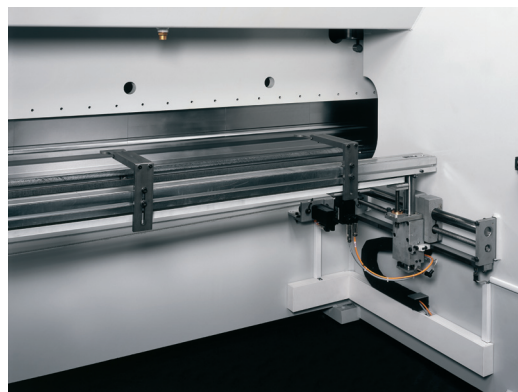
Provides an intuitive and synchronised control of the machine via a touch screen control allowing the operator to control Y1-Y2, X and R (optional).



Touch Screen

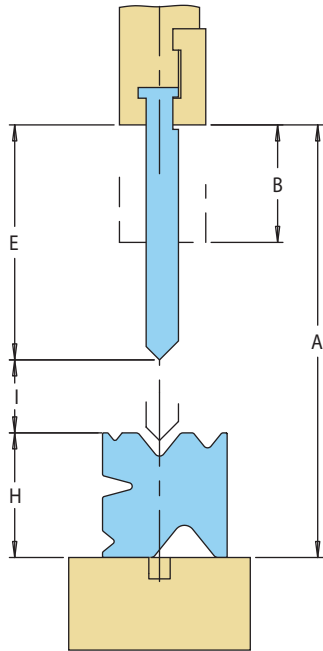
■ X-R backgauge

The PPS^{TS} as standard features a solid single axis backgauge allowing depth (X-axis) to be gauged via two standard backgauge fingers. R-axis positioning is available as an option.



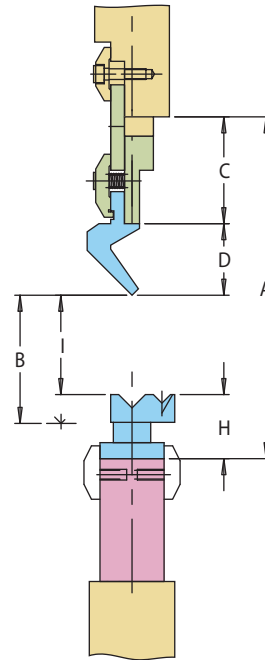
X-R backgauge

PPS - Standard version - LVD classic



Type	A	B	E	H	I
PPS-50-80	320	120	159	70	91
PPS-100-135-165	350	150	159	90	101
PPS-200	400	200	159	90	151

PPS - Standard universal - Style tooling



Type	A	B	C	D	H	I
PPS-50-80	320	120	100	67	60	93
PPS-100-135-165	350	150	100	67	60	123
PPS-200	400	200	100	105	80	115

S P E C I F I C A T I O N S

Type		50/20	80/25	100/30	135/30	165/40	200/40
Pressing Force	kN	500	800	1000	1350	1650	2000
Working Length	mm	2000	2500	3050	3050	4000	4000
Distance between uprights	mm	1560	2050	2550	2550	3150	3150
Stroke	mm	120	120	150	150	150	200
Distance table/ram	mm	320	320	350	350	350	400
Gap	mm	200	200	250	250	250	300
Approach Speed	mm/s	120	110	100	80	110	90
Working Speed*	mm/s	8	10	10	10	10	8
Return Speed	mm/s	90	100	80	95	100	90
Motor	kW	4	7,5	11	15	18	18
Oil	l	120	150	200	250	300	350

* For CE-countries working speed is limited according to safety norm.



A D D R E S S E S

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