



DPBR-4 Powered Hydraulic Sheet Bending Rolls

The DPBR-4 hydraulic bending rolls are available with roll diameters ranging from 150mm up to 260mm. They are of a 4 roll design with powered top and bottom pinch rolls and hydraulically adjusted side rolls. 4 roll bending greatly assists the operator, especially when rolling full cylinders and for multiple radius bending, as the work piece is always pinched between the top and bottom rolls. Pre-bending can be performed on both side rolls without removing the workpiece from the machine.

All models have hydraulic drop end and are supplied with digital read outs to all three adjustable rolls to indicate roll position. The key aspect of the DPBR-4 range alongside it's impressive capacities, is the rollers utilise an orbital rolling action, rather than linear for more precise rolling.



DPBR-4 Range

Features and Benefits



1550 to 4100mm Bending Widths



150 to 260mm Roll Diameters



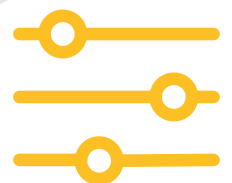
Up to 13mm Pre-Bending Capacity



Up to 16mm Rolling Capacity

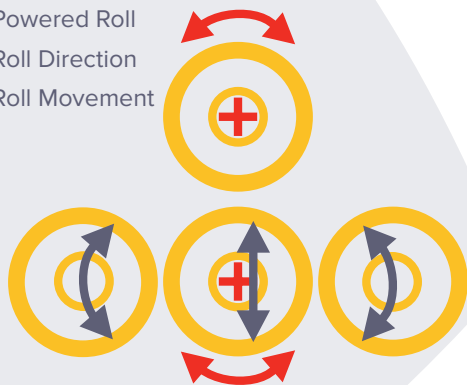


Manual or NC Control Operation



Optional Side and Overhead Supports

-  Powered Roll
-  Roll Direction
-  Roll Movement



Machine Features

- Powered top and bottom rolls with hydro motor and cardan joint
- Hydraulic drop end
- Hydraulic up and down roll movement
- Hydraulic pinching
- Induction hardened rolls
- DRO for both side rolls
- Double pre-bending to front and rear edge of plate
- Cone bending device
- Welded steel construction
- Safety trip wire around the machine
- Mobile control panel
- Two speed
- Central lubrication system

Optional Equipment

- Side and central sheet supports
- Ground and polished rolls
- Variable speed
- NC or CNC controller

TECHNICAL SPECIFICATIONS

MODEL	STOCK CODE	Bending Length mm	Pre Bending mm	Max. Thickness mm	Top / Bottom Roll Diameter mm	Side Roll Diameter mm	Motor kW	Length mm	Height mm	Width mm	Weight kg
DPBR-4 1550/150	M3580	1550	4.5	7	150	130	4	3750	960	1100	2500
DPBR-4 1550/180	M3801	1550	7	9	180	150	5.5	3900	1100	1250	3250
DPBR-4 1550/200	M3802	1550	9	11	200	160	5.5	3900	1100	1250	3500
DPBR-4 1550/220	M3803	1550	10	12	220	160	5.5	3900	1100	1250	3600
DPBR-4 1550/245	M3804	1550	15	12	245	180	7.5	3800	1425	1470	4600
DPBR-4 2050/150	M3582	2050	4	6	150	130	4	4250	960	1100	2800
DPBR-4 2050/180	M3806	2050	6	8	180	150	5.5	4400	1100	1250	3500
DPBR-4 2050/200	M3808	2050	8	10	200	160	5.5	4400	1100	1250	3950
DPBR-4 2050/220	M3585	2050	9	11	220	160	5.5	4400	1100	1250	4050
DPBR-4 2050/245	M3586	2050	10	13	245	180	7.5	4300	1425	1470	5450
DPBR-4 2050/260	M3587	2050	13	16	260	200	7.5	4300	1460	1550	6100
DPBR-4 2550/180	M3813	2550	4	6	180	150	5.5	4900	1100	1250	3900
DPBR-4 2550/200	M3814	2550	6	8	200	160	5.5	4900	1100	1250	4550
DPBR-4 2550/220	M3589	2550	7	9	220	160	5.5	4900	1100	1250	4600
DPBR-4 2550/245	M3590	2550	8	10	245	180	7.5	4800	1425	1470	5700
DPBR-4 2550/260	M3591	2550	10	13	260	200	7.5	4800	1460	1550	6800
DPBR-4 3100/180	M3816	3100	3	5	180	150	5.5	5450	1100	1250	4300
DPBR-4 3100/200	M3817	3100	4	6	200	160	5.5	5450	1100	1250	4900
DPBR-4 3100/220	M3593	3100	6	8	220	160	5.5	5450	1100	1250	5200
DPBR-4 3100/245	M3594	3100	7	9	245	160	7.5	5350	1425	1470	6350
DPBR-4 3100/260	M3595	3100	8	10	260	180	7.5	5350	1460	1550	7500
DPBR-4 4100/260	M3596	4100	4	6	260	200	7.5	6350	1460	1550	8900

*Capacities are given for 250 N/mm plate yielding strength