

The DPBH-4 hydraulic bending rolls are available with roll diameters ranging from 280mm up to the large 680mm machines. The 4 roll design is extremely powerful, with 3 of the rolls hydraulically driven and the fourth lower roll hydraulically adjusted up and down to pinch the material into position. This feature greatly assists the operator, especially during multiple radius bending as the work piece is always held. All models have hydraulic drop end and are supplied with DRO to all three adjusting rolls to indicate roll position.

Machine Features

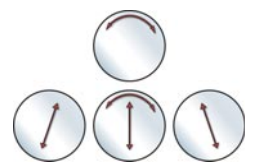
- Hydraulic driven rolls
- Hydraulic drop end and top roll tilt
- Hydraulic up and down roll movement
- Hydraulic pinching
- Induction hardened rolls
- DRO for both side rolls
- Double pre-bending to front and rear edge of plate
- Cone bending device
- Welded steel construction
- Safety trip wire around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



DPBH-4 RANGE



DPBH-4 RANGE PICTURED WITH
OPTIONAL CENTRAL SUPPORT



Optional Equipment

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



4-ROLL BENDING PROCESS

01432 346 580

Morgan Rushworth
DPBM-4 Hydraulic 4-Roll
Plate Bending Rolls

Metalworking
 Solutions
 Supplied

BENDING ROLLS



4 ROLL BENDING



STANDARD CONTROL



OPTIONAL CNC CONTROL PANEL

TECHNICAL SPECIFICATIONS

MODEL	STOCK CODE	BENDING LENGTH mm	PRE BENDING mm	MAX THICKNESS mm	TOP/BOTTOM ROLL dia mm	SIDE ROLLS dia mm	MOTOR kw	LENGTH mm	WIDTH mm	HEIGHT mm	WEIGHT kg
DPBH-4 2050/280	M3543	2050	16	20	280	220	15	4750	1650	1800	8550
DPBH-4 2050/320	M3544	2050	20	25	320	240	18.5	4800	1800	1900	10240
DPBH-4 2050/350	M3545	2050	25	30	350	260	22	5000	2200	1900	11190
DPBH-4 2050/380	M3546	2050	30	40	380	300	30	5100	2300	2000	13200
DPBH-4 2050/400	M3547	2050	35	45	400	300	38.5	5200	2350	2300	14990
DPBH-4 2050/460	M3548	2050	40	50	460	380	38.5	5250	2350	2600	20050
DPBH-4 2050/500	M3549	2050	50	55	500	400	45	5400	2490	2600	31000
DPBH-4 2050/550	M3550	2050	50	60	550	450	66	5500	2860	2900	40150
DPBH-4 2550/280	M3551	2550	12	16	280	220	15	5250	1700	1800	9200
DPBH-4 2550/320	M3552	2550	16	20	320	240	18.5	5300	1800	1900	11300
DPBH-4 2550/350	M3553	2550	20	25	350	260	22	5400	2200	1900	13200
DPBH-4 2550/380	M3554	2550	25	30	380	300	30	5450	2290	2000	16720
DPBH-4 2550/400	M3555	2550	30	40	400	300	38.5	5700	2320	2300	17950
DPBH-4 2550/460	M3556	2550	35	45	460	380	38.5	6000	2400	2600	22450
DPBH-4 2550/500	M3557	2550	40	50	500	400	45	6000	2510	2600	32980
DPBH-4 2550/550	M3558	2550	45	55	550	450	66	6000	2860	2900	43560
DPBH-4 3100/280	M3559	3100	10	12	280	220	15	5800	1720	1800	10040
DPBH-4 3100/320	M3560	3100	12	16	320	240	18.5	5950	1810	1900	12980
DPBH-4 3100/350	M3561	3100	16	20	350	260	22	6100	2280	1900	15090
DPBH-4 3100/380	M3562	3100	20	25	380	300	30	6150	2320	2000	18200
DPBH-4 3100/400	M3563	3100	25	30	400	300	38.5	6250	2340	2300	20060
DPBH-4 3100/460	M3564	3100	30	40	460	380	38.5	6400	2390	2600	24660
DPBH-4 3100/500	M3565	3100	35	45	500	400	45	6550	2470	2600	36070
DPBH-4 3100/550	M3566	3100	40	50	550	450	66	6720	2680	2900	46790
DPBH-4 3100/580	M3567	3100	45	60	580	480	73	7180	2920	2980	55200
DPBH-4 3100/620	M3568	3100	60	70	620	520	123	7300	3280	3200	62100
DPBH-4 3100/680	M3569	3100	70	85	680	580	150	7750	3480	3550	82360
DPBH-4 4100/280	M3570	4100	6	8	280	220	15	6500	1740	1800	13100
DPBH-4 4100/320	M3571	4100	8	10	320	240	18.5	6700	1830	1900	16070
DPBH-4 4100/350	M3572	4100	10	12	350	260	22	6920	2290	1900	18750
DPBH-4 4100/380	M3573	4100	12	16	380	300	30	7040	2340	2000	22350
DPBH-4 4100/400	M3574	4100	16	20	400	300	38.5	7250	2390	2300	25070
DPBH-4 4100/460	M3575	4100	20	25	460	380	38.5	7340	2560	2600	31100
DPBH-4 4100/500	M3576	4100	25	35	500	400	45	7430	2600	2600	41870
DPBH-4 4100/550	M3577	4100	30	40	550	450	66	7650	2880	2900	54310