



DPBH-3 Powered Hydraulic Sheet Bending Rolls

The DPBH-3 hydraulic bending rolls are of the pyramid style with all three rolls hydraulically driven.

The models with roll diameters up to 300mm are fitted with the type A shaft design with orbital action for up and down translation. The machines with roll diameters from 320mm to 350mm are equipped with the type B shaft design with linear action for up and translation.

All models have hydraulic drop end and are supplied with DRO to indicate roll position.

Optional extras include the side and central supports for large sheet diameters for supporting the material.



DPBH-3 Range

Features and Benefits



2050 to 3100mm Bending Lengths



210 to 350mm Roll Diameters



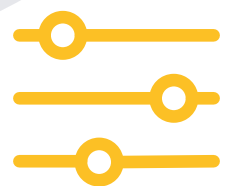
Up to 25mm Pre-Bending Capacity



Up to 30mm Rolling Capacity



Manual Control with DRO Optional Side

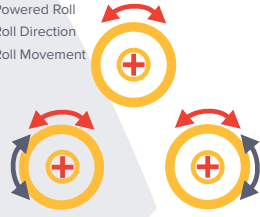


and Overhead Supports

The models with roll diameters up to 300mm are fitted with the type A shaft design with orbital action for up and down translation.

Orbital

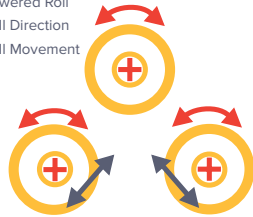
+ Powered Roll
 ↻ Roll Direction
 ↻ Roll Movement



The machines with roll diameters from 320mm upwards are equipped with the type B shaft design with linear action for up and translation.

Linear

+ Powered Roll
 ↻ Roll Direction
 ↻ Roll Movement



Machine Features

- Hydraulic driven rolls
- Hydraulic drop end and top roll tilt
- Hydraulic up and down roll movement
- 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

Optional Equipment

- Side and central supports for large sheet metal diameters
- Extended rolls
- Profile rolls
- Material feed table



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 |
|-----------------|------------|----------------------|-------------------|----------------------|----------------------------------|--------------------------|-------------|--------------|--------------|-------------|--------------|
| DPBH-3 2050/210 | M3500 | 2050 | 10 | 12 | 210 | 190 | 7.5 | 3400 | 1300 | 1200 | 4100 |
| DPBH-3 2050/240 | M3501 | 2050 | 13 | 15 | 240 | 220 | 7.5 | 3400 | 1450 | 1300 | 4950 |
| DPBH-3 2050/280 | M3502 | 2050 | 16 | 18 | 280 | 260 | 7.5 | 4100 | 1550 | 1400 | 6850 |
| DPBH-3 2050/300 | M3503 | 2050 | 20 | 22 | 300 | 280 | 11 | 4100 | 1550 | 1500 | 7400 |
| DPBH-3 2050/320 | M3504 | 2050 | 20 | 25 | 320 | 310 | 22 | 4600 | 1950 | 1750 | 10450 |
| DPBH-3 2050/350 | M3505 | 2050 | 25 | 30 | 350 | 330 | 22 | 4600 | 2000 | 1750 | 10980 |
| DPBH-3 2550/210 | M3511 | 2550 | 8 | 10 | 210 | 190 | 7.5 | 3900 | 1300 | 1200 | 4570 |
| DPBH-3 2550/240 | M3512 | 2550 | 10 | 12 | 240 | 220 | 7.5 | 3900 | 1450 | 1300 | 5600 |
| DPBH-3 2550/280 | M3513 | 2550 | 13 | 15 | 280 | 260 | 7.5 | 4600 | 1550 | 1400 | 7720 |
| DPBH-3 2550/300 | M3514 | 2550 | 16 | 18 | 300 | 280 | 11 | 4600 | 1550 | 1500 | 8400 |
| DPBH-3 2550/320 | M3515 | 2550 | 16 | 20 | 320 | 310 | 22 | 5100 | 1950 | 1750 | 11450 |
| DPBH-3 2550/350 | M3516 | 2550 | 20 | 25 | 350 | 330 | 22 | 5100 | 2000 | 1750 | 12030 |
| DPBH-3 3100/210 | M3522 | 3100 | 6 | 7 | 210 | 190 | 7.5 | 4450 | 1300 | 1200 | 5205 |
| DPBH-3 3100/240 | M3523 | 3100 | 8 | 10 | 240 | 220 | 7.5 | 4450 | 1450 | 1300 | 6600 |
| DPBH-3 3100/280 | M3524 | 3100 | 10 | 12 | 280 | 260 | 7.5 | 5150 | 1550 | 1400 | 8370 |
| DPBH-3 3100/300 | M3525 | 3100 | 13 | 15 | 300 | 280 | 11 | 5150 | 1550 | 1500 | 9050 |
| DPBH-3 3100/320 | M3526 | 3100 | 13 | 16 | 320 | 310 | 22 | 5600 | 1950 | 1750 | 13450 |
| DPBH-3 3100/350 | M3527 | 3100 | 16 | 20 | 350 | 330 | 22 | 5600 | 2000 | 1750 | 14260 |

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