



ASBH Powered Hydraulic Sheet Bending Rolls

The Morgan Rushworth ASBH Hydraulic Bending Rolls are a powerful, heavily constructed model with a high standard specification including induction hardened rolls and cone bending attachment.

The asymmetrical design with hydraulic back roll adjustment allows easy pre-bending of the material on the machine.

The ASBH models are available in capacities ranging from 650mm to 3100mm bending length and 80mm to 250mm roll diameters.



ASBH Range

Features and Benefits



**650 to 3100mm
Bending Widths**



**80 to 250mm
Roll Diameters**



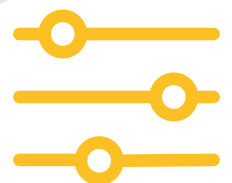
**Up to 15mm
Pre-Bending
Capacity**



**Up to 12mm
Rolling
Capacity**



**Manual Control
Operation**

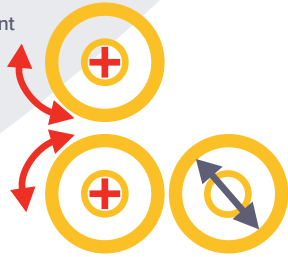


**Optional Side
and Overhead
Supports**



HYDRAULIC DROP END

- + Powered Roll
- ↻ Roll Direction
- ↔ Roll Movement



Machine Features

- Powerful Production Machine
- Asymmetrical Roll Configuration
- Hydraulic Pre-bending with Back Roll
- Hydraulic Pinching of Material with Lower Roll
- Induction Hardened Rolls
- Hydraulic Drop End
- Cone Bending Device
- Digital Read Out for Back Roll Position
- Digital Read Out for Pinch Roll Position
- Safety Trip Wire
- Mobile Control Console

Optional Equipment

- Hydraulic Overhead Support
- Hydraulic Side Support - one per side
- Two speed rotation
- Hydraulically driven top/bottom roll rotation on 220-250 top roll models

TECHNICAL SPECIFICATIONS

MODEL	STOCK CODE	Bending Length	Top / Bottom Roll Diameter	Side Roll Diameter	Rolling Capacity (At 5x Top Roll Dia.)	Pre-Bending Capacity (At 5x Top Roll Dia.)	Rolling Capacity (At 1.5x Top Roll Dia.)	Pre-Bending Capacity (At 1.5x Top Roll Dia.)	Rolling Speed	Motor	Length	Height	Width	Weight
		mm	mm	mm	mm	mm	mm	mm						
ASBH 650/80	M3656	650	80	80	3.5	3.0	3.0	2.5	5	1.1 + 0.75	1950	950	960	800
ASBH 1050/80	M3657	1050	80	80	2.5	2.0	2.0	1.5	5	1.1 + 0.75	2350	950	960	920
ASBH 1270/80	M3658	1270	80	80	2.0	1.5	1.5	1.0	5	1.1 + 0.75	2570	950	960	950
ASBH 1270/100	M3659	1270	100	90	3.0	2.0	2.0	1.5	6.5	1.1 + 0.75	2570	950	960	1150
ASBH 1270/130	M3660	1270	130	130	5.0	4.0	4.0	3.0	5	2.2 + .75	3020	1150	1110	1750
ASBH 1270/150	M3661	1270	150	130	7.0	5.0	5.0	4.0	6	2.2 + 1.1	3020	1150	1110	1825
ASBH 1270/180	M3662	1270	180	150	10.0	7.5	7.5	5.5	5	4.0 + 1.1	3070	1350	1290	2100
ASBH 1270/200	M3663	1270	200	180	12.0	10.0	10.0	8.0	6	4.0 + 1.5	3070	1350	1290	2200
ASBH 1550/80	M3664	1550	80	80	1.5	1.0	1.0	0.5	5	1.1 + 0.75	2850	950	960	1100
ASBH 1550/100	M3665	1550	100	90	2.0	1.5	1.5	1.0	6.5	1.1 + 0.75	2850	950	960	1200
ASBH 1550/130	M3666	1550	130	130	4.5	3.5	3.5	2.5	5	2.2 + .75	3300	1150	1110	1850
ASBH 1550/150	M3667	1550	150	130	6.5	4.5	4.5	3.5	6	2.2 + 1.1	3300	1150	1110	2000
ASBH 1550/180	M3668	1550	180	150	9.0	7.0	7.0	5.0	5	4.0 + 1.1	3350	1350	1290	2310
ASBH 1550/200	M3669	1550	200	180	11.0	9.0	9.0	7.0	6	4.0 + 1.5	3350	1350	1290	2450
ASBH 1550/220	M3670	1550	220	180	12.0	10.0	10.0	8.0	5	5.5 + 1.5	3500	1500	1370	3250
ASBH 1550/250	M3671	1550	250	200	15.0	12.0	12.0	1.0	5	7.5 + 1.5	3500	1500	1370	3600
ASBH 2050/130	M3672	2050	130	130	4.0	3.0	3.0	2.0	5	2.2 + 0.75	3800	1150	1110	2050
ASBH 2050/150	M3673	2050	150	130	6.0	4.0	4.0	3.0	6	2.2 + 1.1	3800	1150	1110	2250
ASBH 2050/180	M3674	2050	180	150	8.0	6.0	6.0	4.0	5	4.0 + 1.1	3850	1350	1290	2690
ASBH 2050/200	M3675	2050	200	180	10.0	8.0	8.0	6.0	6	4.0 + 1.5	3850	1350	1290	2950
ASBH 2050/220	M3676	2050	220	180	11.0	9.0	9.0	7.0	5	5.5 + 1.5	4000	1500	1370	3750
ASBH 2050/250	M3677	2050	250	200	12.0	10.0	10.0	8.0	5	7.5 + 1.5	4000	1500	1370	4200
ASBH 2550/150	M3678	2550	150	130	4.0	3.0	3.0	2.0	6	2.2 + 1.1	4300	1150	1110	2500
ASBH 2550/180	M3679	2550	180	150	6.0	4.0	4.0	3.0	5	4.0 + 1.1	4350	1350	1290	3070
ASBH 2550/200	M3680	2550	200	180	8.0	6.0	6.0	4.0	6	4.0 + 1.5	4350	1350	1290	3450
ASBH 2550/220	M3681	2550	220	180	9.0	7.0	7.0	5.0	5	5.5 + 1.5	4500	1500	1370	4250
ASBH 2550/250	M3682	2550	250	200	10.0	8.0	8.0	6.0	5	7.5 + 1.5	4500	1500	1370	4800
ASBH 3100/180	M3683	3100	180	150	4.0	3.0	3.0	2.0	5	4.0 + 1.1	4850	1350	1290	3450
ASBH 3100/200	M3684	3100	200	180	6.0	4.0	4.0	3.0	6	4.0 + 1.5	4850	1350	1290	3950
ASBH 3100/220	M3685	3100	220	180	8.0	6.0	6.0	4.0	5	5.5 + 1.5	5000	1500	1370	4750
ASBH 3100/250	M3686	3100	250	200	9.0	7.0	7.0	5.0	5	7.5 + 1.5	5000	1500	1370	5400

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