



DBR / DPR Manual Sheet Bending Rolls

The Morgan Rushworth DBR, DPR Manual Rolls range from 0.6mm - 1mm capacity with a 1050mm bending length.

All models are of the asymmetric design providing pre-bending capability.

The top slip roll allows removal of cylindrical components. The rugged heavy duty cast iron frame ensures long working life.



DPR Range

Machine Features

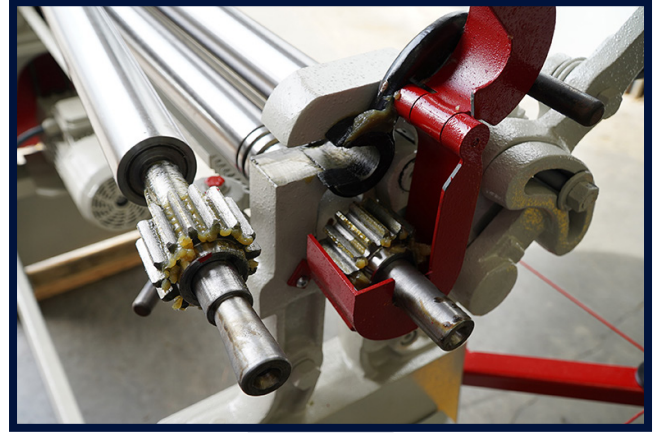
- Top roll to slip
- Manual rotation (Powered on the DPR)
- Cone bending
- Crowned Rolls
- Manually adjusted side roll for up and down translation
- Manual pinching of bottom roll

Optional Equipment

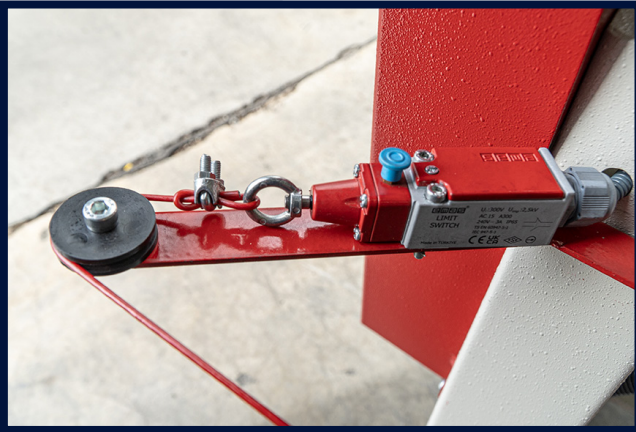
- Induction hardened rolls
- Parallel Rolls
- Powered side roll up and down translation
- DRO for side roll position



RAPID PRE BENDING SYSTEM



TOP SLIP ROLL



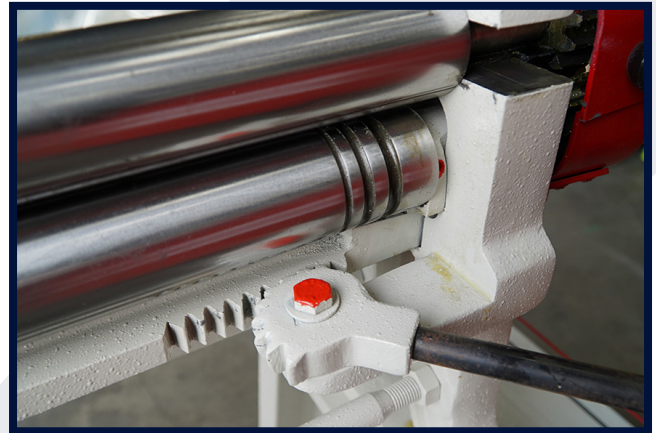
TRIP WIRE MECHANISM



MANUAL ROTATION (DBR)



MANUAL PINCHING OF BOTTOM ROLL



ASYMMETRICAL ROLLS

TECHNICAL SPECIFICATIONS

| MODEL | STOCK CODE | BENDING LENGTH | PRE BENDING | MAX. THICKNESS | TOP ROLL DIAMETER | LENGTH | HEIGHT | WIDTH | WEIGHT |
|-------------|------------|----------------|-------------|----------------|-------------------|--------|--------|-------|--------|
| | | MM | MM | MM | MM | MM | MM | MM | KG |
| DBR 1050/46 | M3000 | 1050 | 0.6 | 0.8 | 46 | 1300 | 1100 | 700 | 240 |
| DBR 1050/56 | M3001 | 1050 | 0.8 | 1 | 56 | 1300 | 1100 | 700 | 270 |
| DPR 1050/46 | M3609 | 1050 | 0.6 | 0.8 | 46 | 1500 | 1120 | 700 | 210 |
| DPR 1050/56 | M3610 | 1050 | 0.8 | 1 | 56 | 1500 | 1120 | 700 | 240 |

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