

## MOTORISED PLATE BENDING MACHINES

# SMRM-S



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### GENERAL FEATURES AND STANDARD EQUIPMENT

- ▶ Overload protection
- ▶ Easy operation with mobile control panel
- ▶ Welded steel frames
- ▶ Conical bending device
- ▶ Very suitable for light and medium plates, aluminium or stainless steel
- ▶ Built accordingly to EC Safety Directives and has CE mark
- ▶ Manual drop-end for easy removal of finished ferrule
- ▶ Hot rolled SAE 1050 (CK 45) steel rolls
- ▶ Central lubrication system
- ▶ Main motor with brake system
- ▶ On 170-220 mm roll models two rolls are powered by planetary reducer and on others with a single chain and belt driven helical type gearbox and gear system
- ▶ Precision bending with brake motor
- ▶ Motorised adjustment of back roll

# SHEET METAL BENDING MACHINES

FOR LIVES  
*Shaped By*  
METAL

## MOTORISED PLATE BENDING MACHINES

### SMRM-S OPTIONAL EQUIPMENT

- Automation with NC control
- Induction hardened rolls (HRC 58-60)
- Optional profile & flat bar bending rolls
- Wire grooves on roll ends
- Digital read-out for back roll
- Motorised bottom roll
- Plastic coated top roll for alucobond bending
- Optional extended roll and section bending rolls set



### SMRM-S MODELS

| MODEL           | USEFUL LENGTH | PRE-BENDING CAPACITY | BENDING CAPACITY | TOP AND BOTTOM ROLL DIAMETERS | MIN. BENDING DIAMETER | MOTOR POWER | BACK ROLL MOTOR POWER | LENGTH | WIDTH | HEIGHT | WEIGHT |
|-----------------|---------------|----------------------|------------------|-------------------------------|-----------------------|-------------|-----------------------|--------|-------|--------|--------|
|                 | mm            | mm (x1,5/x5)         | mm (x1,5/x5)     | mm                            | mm (x1,5/x5)          | kW          | kW                    | mm     | mm    | mm     | kg     |
| SMRM-S 1050x130 | 1050          | 5.0 / 6.0            | 6.0 / 7.0        | 130                           | 195                   | 2.2         | 1.1                   | 2750   | 650   | 1020   | 1200   |
| SMRM-S 1050x150 | 1050          | 6.0 / 7.0            | 7.0 / 8.0        | 150                           | 225                   | 2.2         | 1.1                   | 2750   | 680   | 1040   | 1450   |
| SMRM-S 1050x170 | 1050          | 7.0 / 8.0            | 8.0 / 9.0        | 170                           | 255                   | 4.0         | 1.1                   | 2850   | 720   | 1050   | 1600   |
| SMRM-S 1050x190 | 1050          | 8.0 / 9.0            | 9.0 / 10.0       | 190                           | 285                   | 4.0         | 1.5                   | 3200   | 950   | 1300   | 2450   |
| SMRM-S 1550x130 | 1550          | 4.0 / 5.0            | 5.0 / 6.0        | 130                           | 195                   | 2.2         | 1.1                   | 3250   | 650   | 1020   | 1400   |
| SMRM-S 1550x150 | 1550          | 5.0 / 6.0            | 6.0 / 7.0        | 150                           | 225                   | 2.2         | 1.1                   | 3250   | 680   | 1040   | 1650   |
| SMRM-S 1550x170 | 1550          | 6.0 / 7.0            | 7.0 / 8.0        | 170                           | 255                   | 4.0         | 1.1                   | 3350   | 720   | 1050   | 1850   |
| SMRM-S 1550x190 | 1550          | 7.0 / 8.0            | 8.0 / 9.0        | 190                           | 285                   | 4.0         | 1.5                   | 3700   | 950   | 1300   | 2750   |
| SMRM-S 2050x130 | 2050          | 2.0 / 3.0            | 3.0 / 4.0        | 130                           | 195                   | 2.2         | 1.1                   | 3750   | 650   | 1020   | 1600   |
| SMRM-S 2050x150 | 2050          | 3.0 / 4.0            | 4.0 / 5.0        | 150                           | 225                   | 2.2         | 1.1                   | 3750   | 680   | 1040   | 1885   |
| SMRM-S 2050x170 | 2050          | 4.0 / 5.0            | 5.0 / 6.0        | 170                           | 255                   | 4.0         | 1.1                   | 3850   | 720   | 1050   | 2100   |
| SMRM-S 2050x190 | 2050          | 5.0 / 6.0            | 6.0 / 7.0        | 190                           | 285                   | 4.0         | 1.5                   | 4200   | 950   | 1300   | 3100   |
| SMRM-S 2550x150 | 2550          | 2.0 / 3.0            | 3.0 / 4.0        | 150                           | 225                   | 2.2         | 1.1                   | 4250   | 650   | 1020   | 2150   |
| SMRM-S 2550x180 | 2550          | 3.0 / 4.0            | 4.0 / 5.0        | 180                           | 270                   | 4.0         | 1.5                   | 4350   | 950   | 1300   | 3050   |
| SMRM-S 2550x190 | 2550          | 4.0 / 5.0            | 5.0 / 6.0        | 190                           | 285                   | 4.0         | 1.5                   | 4700   | 950   | 1300   | 3400   |
| SMRM-S 2550x220 | 2550          | 5.0 / 6.0            | 6.0 / 7.0        | 220                           | 330                   | 5.5         | 2.2                   | 4700   | 1150  | 1400   | 5000   |
| SMRM-S 3050x160 | 3050          | 1.5 / 2.0            | 2.0 / 3.0        | 160                           | 240                   | 4.0         | 1.1                   | 4850   | 720   | 1050   | 2650   |
| SMRM-S 3050x190 | 3050          | 2.0 / 3.0            | 3.0 / 4.0        | 190                           | 285                   | 4.0         | 1.5                   | 5200   | 950   | 1300   | 3750   |
| SMRM-S 3050x200 | 3050          | 3.0 / 4.0            | 4.0 / 5.0        | 200                           | 300                   | 4.0         | 1.5                   | 5200   | 950   | 1300   | 4000   |
| SMRM-S 3050x220 | 3050          | 4.0 / 5.0            | 5.0 / 6.0        | 220                           | 330                   | 5.5         | 2.2                   | 5200   | 1150  | 1400   | 6000   |