

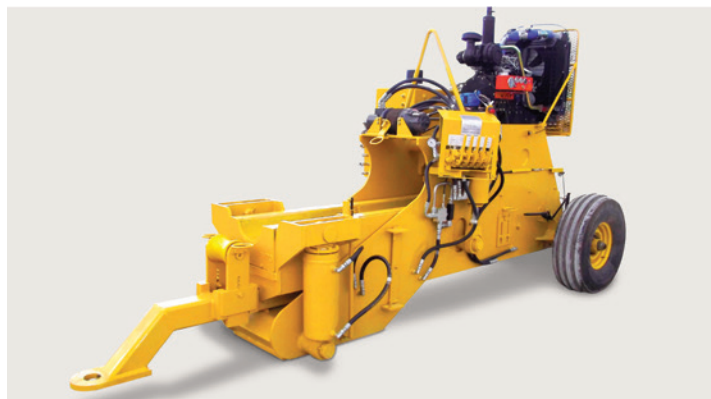


PIPE BENDING MACHINE

OPEN FACE 6" - 20"

Design Features

- T1 Steel body construction for long life and extra strength
- Calibrated Indicator Rod for precise repeatable pipe bends
- Single operator control station for all functions
- PTFE sealing system in all cylinders
- Designed to bend all grades of API-5L pipe within its range
- Hydraulic Mandrel connection with 3/8" quick disconnect couplings
- Easily towed on the right of way by a suitable tractor
- Towing eye can be raised and lowered by actuating the Stiffback controls



HYDRAULICS

| | BORE (IN) | STROKE (IN) | ROD (IN) |
|---|-------------------------|-------------|----------|
| InBoard Cylinder | 7 | 6 | 2.25 |
| OutBoard Cylinder | 8 | 14 | 6 |
| Pin Up Cylinder | 5 | 23 | 2.25 |
| Clamp Cylinder | | | |
| Pump Type | Vane, Fix Volume | | |
| Pump Flow | 46 gpm | | |
| Valve Type | Manual, 3 or 5 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure | 3000 psig | | |
| Hydraulic Reservoir | 50 gal | 187.5 L | |

Disclaimer:

Technical information provided for this equipment regarding performance, specifications, dimension and weights can vary depending on final configuration of the equipment. Please contact DMI International for actual specifications at time of shipment.

DMI International does not accept responsibility for errors regarding the technical information, nor the consequences of any errors, nor the consequences to changes in the specifications contained herein. DMI International reserves the right to modify the equipment performance and specifications without notice.

PIPE BENDING CAPACITY

| | |
|---------|----------|
| | Dia (in) |
| Minimum | 6.625 |
| Maximum | 20 |

SPECIFICATIONS

| | | |
|---------------------|------------|----------|
| Length w/ Tires | 15'-10" | 4,826 mm |
| Width | 7'-7" | 2,311 mm |
| Height | 7'-8" | 2,337 mm |
| Weight w/ Tires | 12,700 lbs | 5,773 kg |
| Pneumatic Tire Size | 11.0 x 16 | |

ENGINES

| | | |
|-----------------|------|-----|
| Perkins Diesel | 67 | hp |
| Operating Speed | 2200 | rpm |
| Fuel Tank | 15 | gal |

COMPRESSOR

| | |
|--------------|----------------------|
| Manufacturer | Quincy QR-325 |
| Drive Type | Hydraulic Motor |
| Pressure | 210 psig |
| Flow | 17.4 acfm @ 175 psig |

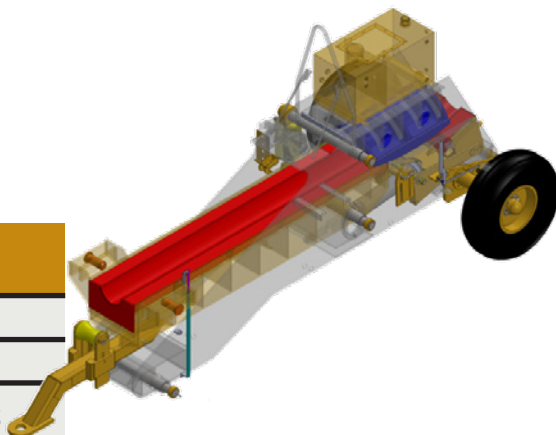
WINCH

| | |
|--------------------|-----------------|
| Manufacturer | Ramsey |
| Drive Type | Hydraulic Motor |
| Pulling Force | 10,000 lbf |
| Cable Diameter | .4375" |
| Free Wheeling Drum | |

OPTIONS AVAILABLE

- Hydraulic driven air compressors
- Tires or Tracks
- Cold weather operating kit (-40°) available

| NOMINAL PIPE O.D. | MAXIMUM WALL THICKNESS BY GRADE | | | | | | RECOMMENDED BEND | | |
|----------------------|---------------------------------|-------|-------|-------|-------|-------|------------------------|----------------|--------------------------|
| IN/MM | X52 | X60 | X65 | X70 | X80 | X100 | DEGREE PER ARC FOOT | RADIUS FEET | MAXIMUM 40 FOOT JOINT |
| 20/508 | 1.085 | 0.944 | 0.874 | 0.813 | 0.713 | 0.572 | 0.83 | 69 | 24.90 |
| 18/457 | 1.399 | 1.210 | 1.116 | 1.036 | 0.905 | 0.722 | 1.10 | 52 | 33.00 |
| 16/406 | 1.936 | 1.651 | 1.512 | 1.395 | 1.208 | 0.953 | 1.51 | 38 | 45.30 |
| 14/356 | - | - | - | - | 1.775 | 1.357 | 1.70 | 34 | 51.00 |
| 12.75/324 | - | - | - | - | - | 1.835 | 2.30 | 25 | 69.00 |
| 10.75/273 | - | - | - | - | - | - | 2.86 | 20 | 85.80 |
| 8.625/219 | - | - | - | - | - | - | 3.82 | 15 | 114.60 |
| 6.625/168 | - | - | - | - | - | - | 4.41 | 13 | 132.20 |



DMI bending sets and dies come bare or lined with urethane.

A bare bending set and die can be used to bend heavily coated pipe, ie: coal tar, asphalt and polyurethane coated pipe up to 5mm thick. Pipe exceeding 5mm or more in thickness will require a special bending set.

Urethane lined bending sets are used for regular epoxy coated pipe.

*Dimensions shown for bending sets are shipping dimensions

STANDARD 6" - 20" LINED BENDING SETS

| SIZE | WEIGHT | |
|------|--------|-----|
| | lb | kg |
| 6" | 1240 | 563 |
| 8" | 1280 | 581 |
| 10" | 1200 | 544 |
| 12" | 1200 | 544 |
| 14" | 1440 | 653 |
| 16" | 1280 | 581 |
| 18" | 1550 | 703 |
| 20" | 1175 | 533 |

SPECIFICATIONS FOR STANDARD 6" - 20" LINED BENDING SETS

| | | LENGTH | | WIDTH | | HEIGHT | |
|-----------------|-----------|--------|------|-------|-----|--------|-----|
| | | in | mm | in | mm | in | mm |
| Standard 6 - 20 | Stiffback | 85.5 | 2172 | 21.25 | 540 | 10 | 254 |
| | Pin Up | 13.25 | 337 | 21.25 | 540 | 10 | 254 |
| | Die | 41 | 1041 | 24 | 610 | 16 | 406 |