



# PIPE BENDING MACHINE

## SUPER ELITE 22" - 36"

### Design Features

- Two-Stage Pump
- 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
- Easily towed on the right of way by a suitable tractor
- Towing eye can be raised and lowered by actuating the Stiffback controls
- Large extra capacity filter
- Extra capacity dual fan oil cooler
- Control valve sections sized for precise flow and metering
- Best in Class cycle time provides 72% performance increase



### HYDRAULICS

|   | BORE (IN)               | STROKE (IN) | ROD (IN) |
|---|-------------------------|-------------|----------|
| InBoard Cylinder                        | 7                       | 5           | 2.25     |
| OutBoard Cylinder                       | 11                      | 19          | 9        |
| Pin Up Cylinder                         | 6                       | 23          | 4        |
| Clamp Cylinder                          |                         |             |          |
| Pump Type                               | Vane, Fix Volume        |             |          |
| Pump Flow                               | 105 gpm                 |             |          |
| Valve Type                              | Manual, 3 or 5 Section  |             |          |
| Filtration                              | 3 Micron, Pressure Line |             |          |
| Hydraulic System Max Operating Pressure | 3000 psig               |             |          |
| Hydraulic Reservoir                     | 125 gal                 | 473 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 | 22       |
| Maximum | 36       |

## SPECIFICATIONS

|                 |            |           |
|-----------------|------------|-----------|
| Length          | 24'-1"     | 7,340 mm  |
| Width           | 8'-8"      | 2,642 mm  |
| Height          | 10'-0"     | 3,048 mm  |
| Weight (lbs/kg) | 57,000 lbs | 25,909 kg |
| Track Size      | 15 Ton     |           |

## ENGINES

|                       |      |     |
|-----------------------|------|-----|
| Perkins 1204F, Tier 4 | 174  | hp  |
| Operating Speed       | 2200 | rpm |
| Fuel Tank             | 80   | gal |

\*80 Gallon fuel tank only on Tier 4 models

## COMPRESSOR

|              |                      |
|--------------|----------------------|
| Manufacturer | Quincy QR-390        |
| Drive Type   | Hydraulic Motor      |
| Pressure     | 210 psig             |
| Flow         | 67.0 acfm @ 175 psig |

## WINCH

|                    |                 |
|--------------------|-----------------|
| Manufacturer       | Ramsey          |
| Drive Type         | Hydraulic Motor |
| Pulling Force      | 20,000 lbf      |
| Cable Diameter     | .5625"          |
| Free Wheeling Drum |                 |

## OPTIONS AVAILABLE

- Perkins 1106D, 173 hp, Tier 3 (Export Only)
- Hydraulic driven air compressors
- Hydraulic Mandrel controls with five section valve & 1/2" quick disconnect couplings
- Cold weather operating kit (-40°) available

## SPECIFICATIONS FOR SUPER 22" - 36" BENDING SETS

|                      |           | LENGTH |      | WIDTH |      | HEIGHT |     |
|----------------------|-----------|--------|------|-------|------|--------|-----|
|                      |           | in     | mm   | in    | mm   | in     | mm  |
| <b>Super 22 - 36</b> | Stiffback | 88     | 2235 | 37    | 940  | 18     | 457 |
|                      | Pin Up    | 37     | 940  | 37    | 940  | 18     | 457 |
|                      | Die       | 70     | 1778 | 41    | 1041 | 25     | 635 |
|                      | Clamps    | 24     | 610  | 10    | 254  | 12     | 305 |

\*Dimensions shown for bending sets are shipping dimensions

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.

