



BENDING PIPES, BREAKING EXPECTATIONS



DMI INTERNATIONAL, INC. ("DMI International") is a world-class company dedicated to manufacturing, marketing, and supplying both construction and maintenance equipment to the pipeline industry.

The equipment we offer is designed, engineered and manufactured in our very own state-of-the-art facility. We employ a full staff of Engineers, Technicians, Service Personnel and Sales Specialists. When you buy or lease from DMI International, you are assured of competent, around-the-clock service and support.

We have earned a reputation in the industry for quality and reliability. Whether you need equipment in order to maintain or service a refinery or build a large diameter cross-country pipeline, DMI International is here to supply the equipment you need, fusing it with world class service.

DMI International also employs a full-time staff of Sales Technicians who travel the world helping our many customers. DMI International maintains our corporate headquarters in Tulsa, Oklahoma and has field offices located in Center, Texas; Conroe, Texas; Alice, Texas; Midland, Texas; and Mill Hall, Pennsylvania. We also have facilities in the Middle East, South America and Canada.

Contact us if we can help you with your pipeline needs.

Any questions, inquiries and comments may be directed to:

DMI International, Inc. 15615 East Pine Street Tulsa, Oklahoma, USA 74116 Phone: 918-438-2213 Fax: 918-438-2061 www.dmiinternational.com sales@dmiinternational.com







SALES • SERVICE • RENTAL





OPEN FACE 6" - 20"



Design Features

- Hydraulic Mandrel connections available with five section valve
- Three-Stage Pump option available
- 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

| 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 | |

PIPE BENDING CAPACITY

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

* Can be configured as 4.5" OD pipe upon request

SPECIFICATIONS

| Length | 15'-10" | 4,826 mm |
|---------------------|------------|----------|
| Width | 7'-7" | 2,311 mm |
| Height | 8'-0" | 2,337 mm |
| Weight (lbs/kg) | 12,700 lbs | • |
| 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 pisg |
| Flow | 17.4 acfm @ 175 psig |

WINCH

| Manufacturer | Ramsey |
|----------------|----------------|
| Drive Type | Hydraulic Moto |
| Pulling Force | 10,000 lbf |
| Cable Diameter | .4375" |
| - 1111 11 - | |

Free Wheeling Drum

OPTIONS AVAILABLE

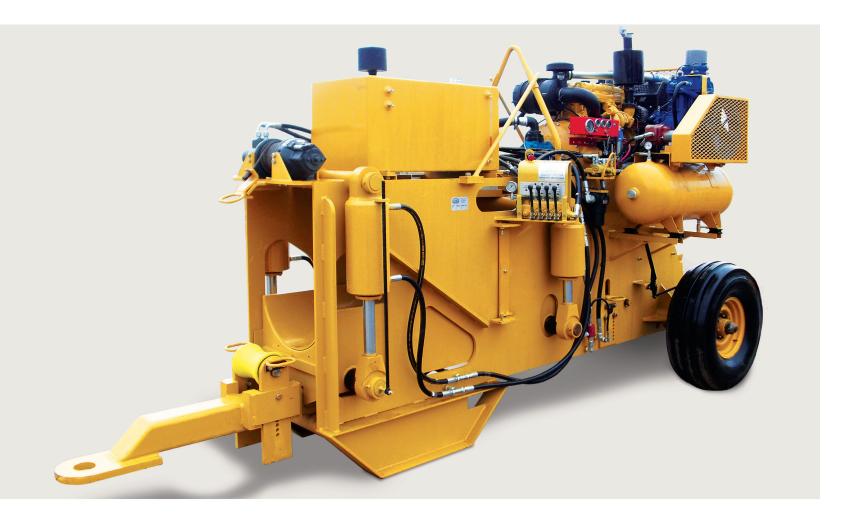
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel connection with 3/8" quick disconnect couplings
- Tires or Tracks
- Cold weather operating kit (-40°) available
- Extra capacity fuel tank
- Low fuel level indicator
- Working and warning lights

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.

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STANDARD 6" - 20"



Design Features

- Hydraulic Mandrel connections with 3/8" quick disconnect couplings
- Two-Stage Pump option available
- 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
- Extended to incorporate ease of loading and unloading pipe
- Featuring "Peak-A-Boo" hole for visual inspection of pipe

| HYDRAULICS | | | |
|---|-------------------------|-------------|----------|
| | BORE (IN) | STROKE (IN) | ROD (IN) |
| InBoard Cylinder | 7 | 6 | 2.25 |
| OutBoard Cylinder | 7 | 14 | 6 |
| Pin Up Cylinder | 4 | 23 | 2.25 |
| Clamp Cylinder | | | |
| Pump Type | Vane, Fix Volume | | |
| Pump Flow | 24 gpm | | |
| Valve Type | Manual, 4 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure | 3000 psig | | |
| Hydraulic Reservoir | 50 gal | 187.5 L | |

PIPE BENDING CAPACITY

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

* Can be configured as 4.5" OD pipe upon request

SPECIFICATIONS

| Length | 15'-1" | 4,597 mm |
|---------------------|------------|----------|
| Width | 6'-0" | 1,829 mm |
| Height | 8'-4" | 2,540 mm |
| Weight (lbs/kg) | 11,500 lbs | 5,227 kg |
| Pneumatic Tire Size | 11.0 x 16 | |
| Track Size | 10 Ton | |
| | | |

ENGINES

| Perkins Diesel | 99 | hp |
|-----------------|------|-----|
| Operating Speed | 2200 | rpm |
| Fuel Tank | 15 | gal |

COMPRESSOR

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

WINCH

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

OPTIONS AVAILABLE

- Caterpillar C4.4 Diesel Engine
- Hydraulic-driven Air Compressors
- Tires or Tracks
- Cold weather operating kit (-40°) available
- Low fuel level indicator
- Working and warning lights

Disclaime

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SUPER 6"-20"



Design Features

- Hydraulic Mandrel connectins available with five section valve
- Two-Stage Pump option available
- 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

| HYDRAULICS | | | |
|---|-------------------------|-------------|----------|
| | BORE (IN) | STROKE (IN) | ROD (IN) |
| InBoard Cylinder | 8 | 6 | 2.25 |
| OutBoard Cylinder | 8 | 14 | 6 |
| Pin Up Cylinder | 5 | 23 | 2.25 |
| Clamp Cylinder | | | |
| Pump Type | Vane, Fix Volume | | |
| Pump Flow | 33 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 | |

PIPE BENDING CAPACITY

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

* Can be configured as 4.5" OD pipe upon request

SPECIFICATIONS

| Length (with wheels) | 18'-4" | 5,588 mm |
|-----------------------------|------------|----------|
| Width | 7'-6" | 2,286 mm |
| Height | 7'-8" | 2,337 mm |
| Weight with Tires (lbs/kg) | 14,160 lbs | 6,436 kg |
| Pneumatic Tire Size | 11.0 x 16 | |
| Weight with Tracks (lbs/kg) | 15,860 lbs | 7,194 kg |
| Track Size | 10 Ton | |

ENGINES

| Perkins Diesel | 109 | hp |
|-----------------|------|-----|
| Operating Speed | 2200 | rpm |
| Fuel Tank | 15 | gal |

COMPRESSOR

| Manufacturer | Quincy QR-325 |
|--------------|----------------------|
| Drive Type | Hydraulic Motor |
| Pressure | 210 pisg |
| 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

- Caterpillar C4.4 Diesel Engine
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel connection with 3/8" quick disconnect couplings
- Tires or Tracks
- Cold weather operating kit (-40°) available
- Extra capacity fuel tank
- Low fuel level indicator
- Working and warning lights

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SUPER 16" - 30"



Design Features

- Hydraulic Mandrel connections available with five section valve Operating warning light
- Two-Stage Pump option available
- 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
- Hydraulic remote controls valve system
- Safety steps provide access pipe from operator stand
- Control valve sections sized for precise flow and metering
- Remote bend pressure control at operator console

| HYDRAULICS | | | |
|---|-------------------------|-------------|----------|
| | BORE (IN) | STROKE (IN) | ROD (IN) |
| InBoard Cylinder | 8 | 5 | 2.25 |
| OutBoard Cylinder | 11 | 19 | 8 |
| Pin Up Cylinder | 6 | 23 | 4 |
| Clamp Cylinder | | | |
| Pump Type | Vane, Fix Volume | | |
| Pump Flow | 48 gpm | | |
| Valve Type | 3 or 5 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure | 3000 psig | | |
| Hydraulic Reservoir | 85 gal | 318.8 L | |

PIPE BENDING CAPACITY

| | Dia (in) |
|---------|----------|
| Minimum | 16 |
| Maximum | 30 |

SPECIFICATIONS

| Length | 22'-3" | 6,782 mm |
|-----------------|------------|-----------|
| Width | 8'-3" | 2,515 mm |
| Height | 9'-1" | 2,768 mm |
| Weight (lbs/kg) | 29,500 lbs | 13,409 kg |
| Track Size | 15 Ton | |

ENGINES

| Perkins Diesel | 109 | hp |
|-----------------|------|-----|
| Operating Speed | 2200 | rpm |
| Fuel Tank | 25 | gal |

COMPRESSOR

| Manufacturer | Quincy QR-370 |
|--------------|----------------------|
| Drive Type | Hydraulic Motor |
| Pressure | 210 pisg |
| Flow | 49.3 acfm @ 175 psig |

WINCH

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

OPTIONS AVAILABLE

- Caterpillar C4.4 Diesel Engine
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel connection with 1/2" quick disconnect couplings
- Easy conversion to alternate pipe sizes within the machine range
- Cold weather operating kit (-40°) available
- Low fuel level indicator
- Working lights

Disclaime

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Loading isolation valves

Large extra capacity filter

SUPER ELITE 22"-36"



Design Features

- Two-Stage Pump option available
- 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
- Valve sections sized for precise flow and metering
- Control valve sections sized for precise flow and metering
- Best in Class cycle time provides 72% performance increase
- Remote bend pressure control at operator console
- Extra capacity dual fan oil cooler
- Large extra capacity filter

| 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 | 469 L | |

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 Diesel | 202 | hp |
|-----------------|------|-----|
| Operating Speed | 2200 | rpm |
| Fuel Tank | 25 | gal |

COMPRESSOR

| Quincy QR-390 |
|----------------------|
| Hydraulic Motor |
| 210 pisg |
| 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

- Caterpillar C6.6 Diesel Engine
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel controls with five section valve & 1/2" quick disconnect couplings
- Cold weather operating kit (-40°) available
- Telemetric performance monitoring

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SUPER 32"-42"



Design Features

- Two-Stage Pump option available
- 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
- Hydraulic remote controls valve system
- Remote bend pressue control at operator console
- Hydraulic Mandrel connections available with five section valve
- Large extra capacity filter

| HYDRAULICS | | | |
|---|----------------------------------|-------------|----------|
| | BORE (IN) | STROKE (IN) | ROD (IN) |
| InBoard Cylinder | 10 | 5 | 3.5 |
| OutBoard Cylinder | 14 | 18 | 8 |
| Pin Up Cylinder | 6 | 23 | 4 |
| Clamp Cylinder | | | |
| Pump Type | Pressure Compensated Piston Pump | | |
| Pump Flow | 75 gpm | | |
| Valve Type | 5 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure | 3000 psig | | |
| Hydraulic Reservoir | 90 gal | 337.5 L | |

PIPE BENDING CAPACITY

| | Dia (in) |
|---------|----------|
| Minimum | 32 |
| Maximum | 42 |

SPECIFICATIONS

| Length | 26'-4" | 8,026 mm |
|-----------------|------------|-----------|
| Width | 9'-10" | 2,997 mm |
| Height | 10'-6" | 3,200 mm |
| Weight (lbs/kg) | 78,000 lbs | 35,455 kg |
| Track Size | 30 Ton | |
| | | |

ENGINES

| 173 | hp |
|------|------|
| 2200 | rpm |
| 25 | gal |
| | 2200 |

COMPRESSOR (optional)

| Manufacturer | Quincy QR-390, Stand Alone |
|--------------|----------------------------|
| Drive Type | Deutz Engine |
| Pressure | 210 pisg |
| Flow | 67.0 acfm @ 175 psig |

WINCH

| Manufa | acturer | DP |
|---------|--------------|-----------------|
| Drive 7 | Гуре | Hydraulic Motor |
| Pulling | Force | 20,000 lbf |
| Cable | Diameter | .5625" |
| Free V | heeling Drum | |
| | | |

OPTIONS AVAILABLE

- Stand alone Air Compressor
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel controls with five section valve & 3/4" quick disconnect couplings
- Cold weather operating kit (-40°) available

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SUPER 36"-48"



Design Features

- Two-Stage Pump option available
- 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
- Hydraulic remote controls valve system
- Hydraulic Mandrel connections available with five section valve
- Remote bend pressure control at operator console
- OSHA Gate on operator station
- Large extra capacity filter

| HYDRAULICS | | | |
|---|-------------------------|-------------|----------|
| | BORE (IN) | STROKE (IN) | ROD (IN) |
| InBoard Cylinder | 10 | 5 | 4.5 |
| OutBoard Cylinder | 14 | 18 | 9 |
| Pin Up Cylinder | 6 | 23 | 4 |
| Clamp Cylinder | | | |
| Pump Type | Fix Volume | | |
| Pump Flow | 110 gpm | | |
| Valve Type | 5 Section | | |
| Filtration | 3 Micron, Pressure Line | | |
| Hydraulic System Max Operating Pressure * | 2500 psig | | |
| Hydraulic Reservoir | 290 gal | | |

PIPE BENDING CAPACITY

| | Dia (in) |
|---------|----------|
| Minimum | 36 |
| Maximum | 48 |

SPECIFICATIONS

ENGINES

| Cat C7 Diesel | 250 | hp |
|-----------------|------|-----|
| Operating Speed | 2200 | rpm |
| Fuel Tank | 80 | gal |

^{*} Actual width may vary

COMPRESSOR (optional)

| Manufacturer | Quincy QR-390, Stand Alon |
|--------------|---------------------------|
| Drive Type | Deutz Engine |
| Pressure | 210 pisg |
| 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

- Stand alone Air Compressor
- Hydraulic-driven Air Compressors
- Hydraulic Mandrel controls with five section valve & 3/4" quick disconnect couplings
- Cold weather operating kit (-40°) available
- Working lights

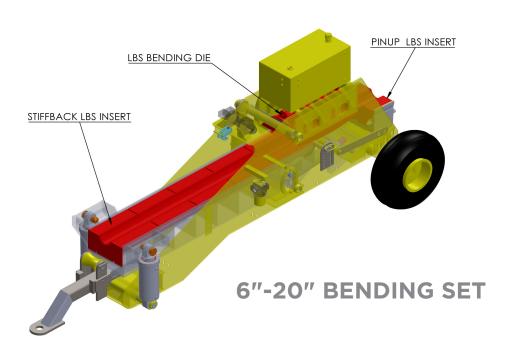
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^{* 3000} psig intermitent, may vary with oil viscosity

LINED BENDING SETS



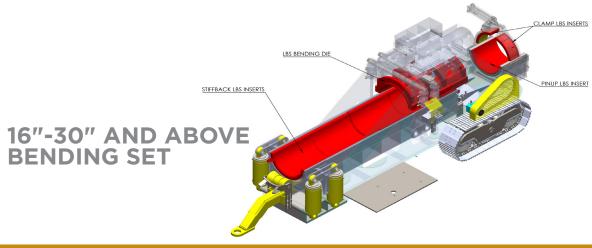
| SPECIFICATIONS FOR STANDARD 6" - 20" BENDING SETS | | | | | | | | | |
|--|---------------|-------|------|-------------|------------|----------|------------|--|--|
| | | LEN | IGTH | WII | DTH | HEIGHT | | | |
| | | in | mm | in | mm | in | mm | | |
| Standard 6 - 20 | Stiffback | 85.5 | 2172 | 21.25 | 540 | 10 | 254 | | |
| | Pin Up Die | 13.25 | 337 | 21.25 24 | 540 610 | 10 16 | 254 406 | | |
| | Die | 41 | 1041 | 24 | 610 | 10 | 406 | | |

| STANDARD 6" - 20" | | | | | | | | | |
|--------------------------|--------|-----|--|--|--|--|--|--|--|
| 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 SUPER 6" - 20" BENDING SETS | | | | | | | | | | |
|---|---------------------|----------------|--------------|----------------|------------|----------|------------|--|--|--|
| | | LEN | LENGTH WIDTH | | | | | | | |
| | | in | mm | in | mm | in | mm | | | |
| Super 6 - 20 | Stiffback Pin Up | 120.5 13.25 | 3061 337 | 21.25 21.25 | 540 540 | 10 10 | 254 254 | | | |
| | Die | 41 | 1041 | 24 | 610 | 16 | 406 | | | |

Dimensions shown for bending sets are shipping dimensions.

| SUPER 6" - 20" | | | | | | | | |
|----------------|--------|-----|--|--|--|--|--|--|
| SIZE | WEIGHT | | | | | | | |
| | lb | kg | | | | | | |
| 6" | 1300 | 590 | | | | | | |
| 8" | 1380 | 626 | | | | | | |
| 10" | 1460 | 662 | | | | | | |
| 12" | 1460 | 662 | | | | | | |
| 14" | 1550 | 703 | | | | | | |
| 16" | 1620 | 735 | | | | | | |
| 18" | 1840 | 835 | | | | | | |
| 20" | 1220 | 553 | | | | | | |



| SPECIFICATIONS FOR SUPER 16" - 30" BENDING SETS | | | | | | | | | | | |
|---|--------------------------------------|--------------------------|----------------------------|----------------------------|--------------------------|---------------------------------|--------------------------|-----|---|-------|-------|
| | LENGTH WIDTH HEIGHT CUBE | | | | | | | | | WEIG | SHT |
| | | in | mm | in | mm | in | mm | ft | m | lb | kg |
| Super 16 - 30 | Stiffback Pin Up Die Clamps | 87 37.4 70 19.5 | 2210 953 1778 495 | 30.25 30.25 38 15 | 768 768 965 381 | 14.375 14.375 27 10.25 | 365 365 686 260 | 140 | 4 | 5,260 | 2,391 |

| SPECIFICATIONS FOR SUPER 22" - 36" BENDING SETS | | | | | | | | | | | |
|---|--------------------------------------|--------------------------------|----------------------------|----------------------------|---------------------------|------------------------------|--------------------------|-----|-----|-------|-------|
| | | LENGTH WIDTH HEIGHT CUBE WEIGH | | | | | | | | GHT | |
| | | in | mm | in | mm | in | mm | ft | m | lb | kg |
| Super 22 - 36 | Stiffback Pin Up Die Clamps | 88 37.5 70 23.5 | 2235 953 1778 597 | 36.25 36.25 41 15 | 921 921 1041 381 | 17.625 17.625 28 10 | 448 448 711 254 | 160 | 4.6 | 6,300 | 2,864 |

| SPECIFICATION | SPECIFICATIONS FOR SUPER 32" - 42" BENDING SETS | | | | | | | | | | | | | |
|---------------|---|----------------------|-----------------------------|----------------------------|-----------------------------|----------------------------|--------------------------|-----|-----|-------|-------|--|--|--|
| | LENGTH WIDTH HEIGHT CUBE WEIGHT | | | | | | | | | | | | | |
| | | in | mm | in | mm | in | mm | ft | m | lb | kg | | | |
| Super 32 - 42 | Stiffback Pin Up Die Clamps | 97 52 76 28 | 2464 1321 1930 711 | 47.25 47.25 48 20 | 1200 1200 1219 508 | 21.75 21.75 28 10 | 553 553 711 254 | 180 | 5.1 | 8,360 | 3,800 | | | |

| SPECIFICATION | SPECIFICATIONS FOR SUPER 36" - 48" BENDING SETS | | | | | | | | | | | | | | |
|---------------|---|---------------------------------|-----------------------------|-------------------------------|-----------------------------|------------------------------------|--------------------------|-----|-----|--------|-------|--|--|--|--|
| | | LENGTH WIDTH HEIGHT CUBE WEIGHT | | | | | | | | | | | | | |
| | | in | mm | in | mm | in | mm | ft | m | lb | kg | | | | |
| Super 36 - 48 | Stiffback Pin Up Die Clamps | 98 58 83 33.625 | 2489 1473 2108 854 | 52.25 52.25 52 16.75 | 1327 1327 1321 426 | 24.625 24.625 30.5 14.125 | 626 626 775 359 | 250 | 7.1 | 13,830 | 6,286 | | | | |





PNEUMATIC WEDGE MANDREL



6" and 8"



10" - 12"



12" - 20"

Pneumatic Wedge Mandrels

- Helps reduce buckling and out of round in the bend
- Adjustable for any wall thickness within specified mandrel range
- Pneumatic wedge mandrels are available in pipe sizes from 24" 60" diameter
- For efficient operation the compressed air pressure should be 180 200 PSI (12.4 13.8 Bar)
- Maximum safe working pressure is 225 PSI (15.5 Bar)
- One man operated for expansion and contracting
- Powered travel available for 12" 20" and up

| PNEUMATIC | WEDGE | MANDREL | | | | | | | | | | |
|-----------|-------|-----------|-----|------|------|------|------|------|-------|------|-------|------|
| MODEL | PIP | E SIZE | LEI | NGTH | W | IDTH | HEI | GHT | VOL | JME | WEIG | SHT |
| | in | mm | in | mm | in | mm | in | mm | cu-ft | cu-m | lbs | kg |
| PWM 6 | 6 | 152 | 61 | 1549 | 6 | 152 | 6 | 152 | 1.3 | 0.04 | 150 | 68 |
| PWM 8 | 8 | 203 | 71 | 1803 | 8.5 | 216 | 8.5 | 216 | 3.0 | 0.08 | 200 | 91 |
| PWM 10-12 | 10-12 | 254-305 | 88 | 2235 | 11.5 | 292 | 11.5 | 292 | 6.7 | 0.19 | 564 | 256 |
| PWM 12-14 | 12-14 | 305-356 | 108 | 2743 | 11 | 279 | 11 | 279 | 7.6 | 0.21 | 680 | 309 |
| PWM 16 | 16 | 406 | 108 | 2743 | 14 | 356 | 14 | 356 | 12.3 | 0.35 | 754 | 343 |
| PWM 18-20 | 18-20 | 457-508 | 108 | 2743 | 18 | 457 | 18 | 457 | 20.3 | 0.57 | 820 | 373 |
| PWM 20-22 | 20-22 | 508-559 | 124 | 3150 | 18 | 457 | 18 | 457 | 23.3 | 0.66 | 950 | 432 |
| PWM 24-26 | 24-26 | 610-660 | 140 | 3556 | 20 | 508 | 20 | 508 | 32.4 | 0.92 | 2310 | 1050 |
| PWM 28-30 | 28-30 | 711-762 | 140 | 3556 | 26 | 660 | 26 | 660 | 54.8 | 1.55 | 2700 | 1227 |
| PWM 30-32 | 30-32 | 762-813 | 140 | 3556 | 27 | 686 | 27 | 686 | 59.1 | 1.67 | 3200 | 1455 |
| PWM 34-36 | 34-36 | 864-914 | 125 | 3175 | 31 | 787 | 31 | 787 | 69.5 | 1.97 | 4500 | 2045 |
| PWM 36-38 | 36-38 | 914-965 | 160 | 4064 | 32 | 813 | 32 | 813 | 95 | 2.68 | 5650 | 2568 |
| PWM 40-42 | 40-42 | 1016-1067 | 160 | 4064 | 38 | 965 | 38 | 965 | 134 | 3.79 | 6350 | 2886 |
| PWM 42-44 | 42-44 | 1067-1118 | 160 | 4064 | 38 | 965 | 38 | 965 | 134 | 3.79 | 6350 | 2886 |
| PWM 46-48 | 46-48 | 1168-1219 | 150 | 3810 | 43 | 1092 | 43 | 1092 | 161 | 4.54 | 7000 | 3182 |
| PWM 52 | 52 | 1321 | 186 | 4724 | 45 | 1143 | 47 | 1194 | 228 | 6.45 | 10000 | 4545 |
| PWM 56 | 56 | 1422 | 186 | 4724 | 46 | 1168 | 50 | 1270 | 248 | 7.01 | 12000 | 5455 |
| PWM 60 | 60 | 1524 | 186 | 4724 | 50 | 1270 | 54 | 1372 | 291 | 8.23 | 15000 | 6818 |

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HYDRAULIC WEDGE MANDREL



Hydraulic Wedge Mandrels

The DMI Wedge Mandrel is used specifically to meet bending requirements of X65 and higher grade pipes. Operator controls all functions of the mandrel.

- Helps reduce buckling and out of round in the bend
- Power is provided by the bending machine hydraulic system or by an auxiliary power unit
- Models cover pipe sizes 24" 60"

- Fast
- · Auxiliary hydraulic power units and conversion kits (within mandrel's range) available at additional cost
- Powered available 12" 60"

| odels cover pipe sizes 24 = 60 | 11111111120 30 | | | 120 | | 25.5 | |
|--|----------------|-------|---------|-----|------|------|-----|
| DIDE DANGES 2411 7011 7011 7011 7011 4011 4011 5011 6011 | MHWM 30-32 | 30-32 | 762-813 | 121 | 3073 | 31 | 787 |
| PIPE RANGES 24" - 30" 30" - 36" 36" - 42" 40"- 48" 52" - 60" | MHWM 34-36 | 34-36 | 864-914 | 121 | 3073 | 29 | 737 |
| ast approach and powerful locking action is provided by double angle hardened steel wedges | MHWM 36-38 | 36-38 | 914-965 | 121 | 3073 | 29 | 737 |

Non-Powered available 6" - 20"

| HWM 12-16 | 12-16 | 305-406 | 84 | 2134 | 11 | 279 | 13 | 330 | 7.0 | 0.20 | 750 | 341 |
|------------|----------|-----------|-------|-------|------|------|------|------|-------|------|-------|------|
| | | | | | | | | | | | | • |
| MULTIPLE S | IZE HYDI | RAULIC WE | DGE M | ANDRE | L | | | | | | | |
| MODEL | PIF | E SIZE | LE | NGTH | W | IDTH | HEI | GHT | VOL | JME | WEI | GHT |
| | in | mm | in | mm | in | mm | in | mm | cu-ft | cu-m | lbs | kg |
| MHWM 24-26 | 24-26 | 610-660 | 128 | 3251 | 22 | 559 | 21.5 | 546 | 35.0 | 0.99 | 2400 | 1091 |
| MHWM 28-30 | 28-30 | 711-762 | 128 | 3251 | 25.5 | 648 | 24.5 | 622 | 46.3 | 1.31 | 2600 | 1182 |
| MHWM 30-32 | 30-32 | 762-813 | 121 | 3073 | 31 | 787 | 30 | 762 | 65.1 | 1.84 | 2800 | 1273 |
| MHWM 34-36 | 34-36 | 864-914 | 121 | 3073 | 29 | 737 | 30 | 762 | 60.9 | 1.73 | 3000 | 1364 |
| MHWM 36-38 | 36-38 | 914-965 | 121 | 3073 | 29 | 737 | 30 | 762 | 60.9 | 1.73 | 4500 | 2045 |
| MHWM 38-40 | 38-40 | 965-1016 | 128 | 3251 | 33 | 838 | 31.5 | 800 | 77.0 | 2.18 | 5750 | 2614 |
| MHWM 40-42 | 40-42 | 1016-1067 | 128 | 3251 | 34 | 864 | 33 | 838 | 78.6 | 2.22 | 6000 | 2727 |
| MHWM 46-48 | 46-48 | 1168-1219 | 128 | 3251 | 40 | 1016 | 38.5 | 978 | 114.1 | 3.23 | 7500 | 3409 |
| MHWM 52-54 | 52-54 | 1321-1372 | 144 | 3658 | 54.5 | 1384 | 43 | 1092 | 195.3 | 5.53 | 13000 | 5909 |

56.5

58.5

1435

1486

WIDTH

mm

241

241

279

279

381

406

in

9.5

9.5

11

11

15

16

HEIGHT

mm

267

279

330

381

432

in

10.5

11

13

15

17

47

49

1194

1245

VOLUME

cu-m

0.17

0.20

0.34

0.41

cu-ft

4.2

4.8

5.9

7.0

12.0

14.5

221.3

238.9

6.27

6.76

WEIGHT

437

475

750

1025

1250

14500

16750

6591

7614

kg

184

199

216

341

466

568



HYDRAULIC WEDGE MANDREL

10

12

14

16

18

20

56

58-60

PIPE SIZE

mm

254

305

356

406

457

508

1422

1473-1524

144

144

3658

3658

LENGTH

mm

2134

2134

2134

2337

2337

in

84

92

92

MODEL

HWM 10

HWM 12

HWM 14

HWM 16

HWM 18

HWM 20

MHWM 56

MHWM 58-60

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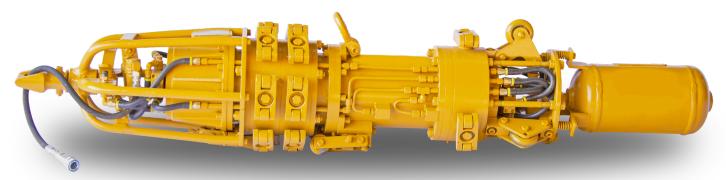
CLAMPS





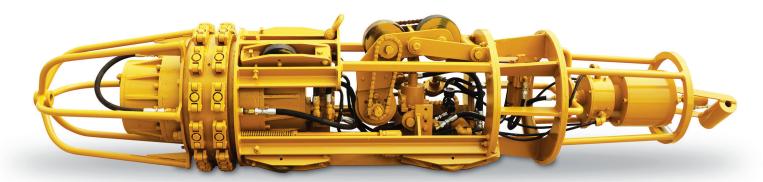
Pneumatic Clamp and Pneumatic Clamp with Copper Backup Shoes

- Standard sizes 6"-60", available upon request
- Clamps 12"-60" will cover two pipe sizes by use of conversion kits
- Adjustable for various wall thickness within clamp's range
- Powered travel drive available on models 12"-60"
- For efficient operation the compressed air pressure should be 180-200 PSI. (12.4-13.8 Bar)
- Maximum safe working pressure is 225 PSI (15.5 Bar)



Self-Centering Internal Pneumatic Lineup Clamp

- Automatic centering mechanism helps reduce Hi-Lo
- Adjustable for various wall thickness within clamp's range
- Spring mounted reserve air tank provides sufficient air pressure for lining up incoming pipe joint
- For efficient operation the compressed air pressure should be 180 200 PSI (12.4 13.8 Bar)
- Maximum safe working pressure is 225 PSI (15.5 Bar)
- Pneumatic automatic centering clamps available in sizes 6" 14"
- Optional copper back-up shoes



Internal Pneumatic Double Joint Clamp

- Designed specifically for use with a Double Joint Rack
- Available in sizes 16" to 60" and adjustable for various wall thickness within clamp's range
- Copper back-up shoes help prevent burn through
- For efficient operation the compressed air pressure should be 180-200 PSI. (12.4-13.8 Bar)
- Maximum safe working pressure is 225 PSI (15.5 Bar)
- Easy removal and installation of copper back-up shoes

| NON POWE | RED CLA | MP, PULL T | YPE | | | | | | | | | |
|----------------------|---------|------------|------|------|-------|------|-------|-----|-------|------|-----|-----|
| MODEL | PIP | E SIZE | LEI | NGTH | WI | IDTH | HEI | GHT | VOLU | JME | WEI | GHT |
| | inch | mm | inch | mm | inch | mm | inch | mm | cu-ft | cu-m | lbs | kg |
| IPLC 6 | 6 | 152 | 38 | 965 | 5.5 | 140 | 6.5 | 165 | 0.8 | 0.02 | 98 | 45 |
| IPLC 8 | 8 | 203 | 50 | 1270 | 7.5 | 191 | 7.5 | 191 | 1.6 | 0.05 | 130 | 59 |
| IPLC 10 2-section | 10 | 254 | 58 | 1473 | 12 | 305 | 12 | 305 | 4.8 | 0.14 | 178 | 81 |
| IPLC 10 3-section | 10 | 254 | 58 | 1473 | 12 | 305 | 12 | 305 | 4.8 | 0.14 | 212 | 96 |
| IPLC 12 2-section | 12-14 | 324-356 | 60 | 1524 | 10.75 | 273 | 10.75 | 273 | 4.0 | O.11 | 204 | 93 |
| IPLC 12 3-section | 12-14 | 324-356 | 60 | 1524 | 10.75 | 273 | 10.75 | 273 | 4.0 | O.11 | 257 | 117 |
| IPLC 14-16 | 14-16 | 356-406 | 67 | 1702 | 13 | 330 | 13.5 | 343 | 6.8 | 0.19 | 225 | 102 |
| IPLC 18-20 | 18-20 | 457-508 | 96 | 2438 | 16.5 | 419 | 18.5 | 470 | 17.0 | 0.48 | 418 | 190 |

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CLAMPS

| POWERED | CLAMP, | LINE TRAV | EL | | | | | | | | | | |
|------------|--------|-----------|-------|------|-------|------|-------|------|-------|-------|------|------|-----|
| MODEL | PIP | E SIZE | LEI | NGTH | WI | DTH | HE | IGHT | VOL | .UME | WEI | GHT | CFM |
| | in | mm | in | mm | in | mm | in | mm | cu-ft | cu-m | lbs | kg | |
| IPLC 10 | 10 | 254 | 62 | 1575 | 10 | 254 | 11.5 | 292 | 4.1 | 0.12 | 300 | 136 | 25 |
| IPLC 12-14 | 12-14 | 305 | 109 | 2769 | 10.75 | 273 | 10.75 | 273 | 7.3 | 0.21 | 294 | 133 | 25 |
| IPLC 14-16 | 14-16 | 356-406 | 112.5 | 2858 | 15 | 381 | 15 | 381 | 14.6 | 0.41 | 550 | 240 | 25 |
| IPLC 16-18 | 16-18 | 406-457 | 91 | 2311 | 13 | 330 | 13 | 330 | 8.9 | 0.32 | 500 | 227 | 25 |
| IPLC 20-22 | 20-22 | 508-559 | 102 | 2591 | 18 | 457 | 18 | 457 | 19.1 | 0.69 | 770 | 349 | 40 |
| IPLC 24-26 | 24-26 | 610-660 | 111 | 2819 | 21 | 533 | 21 | 533 | 28.3 | 1.05 | 1010 | 458 | 40 |
| IPLC 28-30 | 28-30 | 711-762 | 115 | 2870 | 28 | 711 | 28 | 711 | 52.2 | 1.45 | 1290 | 585 | 40 |
| IPLC 30-32 | 30-32 | 762-813 | 115 | 2870 | 28 | 711 | 28 | 711 | 52.2 | 1.73 | 1400 | 635 | 40 |
| IPLC 34-36 | 34-36 | 864-914 | 122 | 3099 | 34 | 864 | 35.5 | 902 | 85.2 | 2.41 | 1700 | 773 | 90 |
| IPLC 36-38 | 36-38 | 914-965 | 128 | 3251 | 36 | 914 | 37.5 | 953 | 100.0 | 2.83 | 1750 | 795 | 90 |
| IPLC 40-42 | 40-42 | 1016-1067 | 141 | 3581 | 38 | 965 | 38 | 965 | 117.8 | 3.94 | 3100 | 1406 | 90 |
| IPLC 46-48 | 46-48 | 1168-1219 | 145 | 3683 | 45 | 1143 | 46.5 | 1181 | 175.6 | 4.97 | 3140 | 1427 | 90 |
| IPLC 52-54 | 52-54 | 1321-1372 | 188 | 4775 | 52 | 1321 | 53.5 | 1359 | 302.7 | 8.57 | 4950 | 2250 | 90 |
| IPLC 56 | 56 | 1422 | 188 | 4775 | 54 | 1372 | 55.5 | 1410 | 326.1 | 9.23 | 5400 | 2455 | 90 |
| IPLC 60 | 60 | 1524 | 191 | 4851 | 58 | 1473 | 60 | 1524 | 384.7 | 10.89 | 6000 | 2727 | 90 |

Standard Features

- 40' reach rod (125 lbs)
- 125' air hose (25 lbs)
- Standard Steel Pipe Compatibility (24"-up)

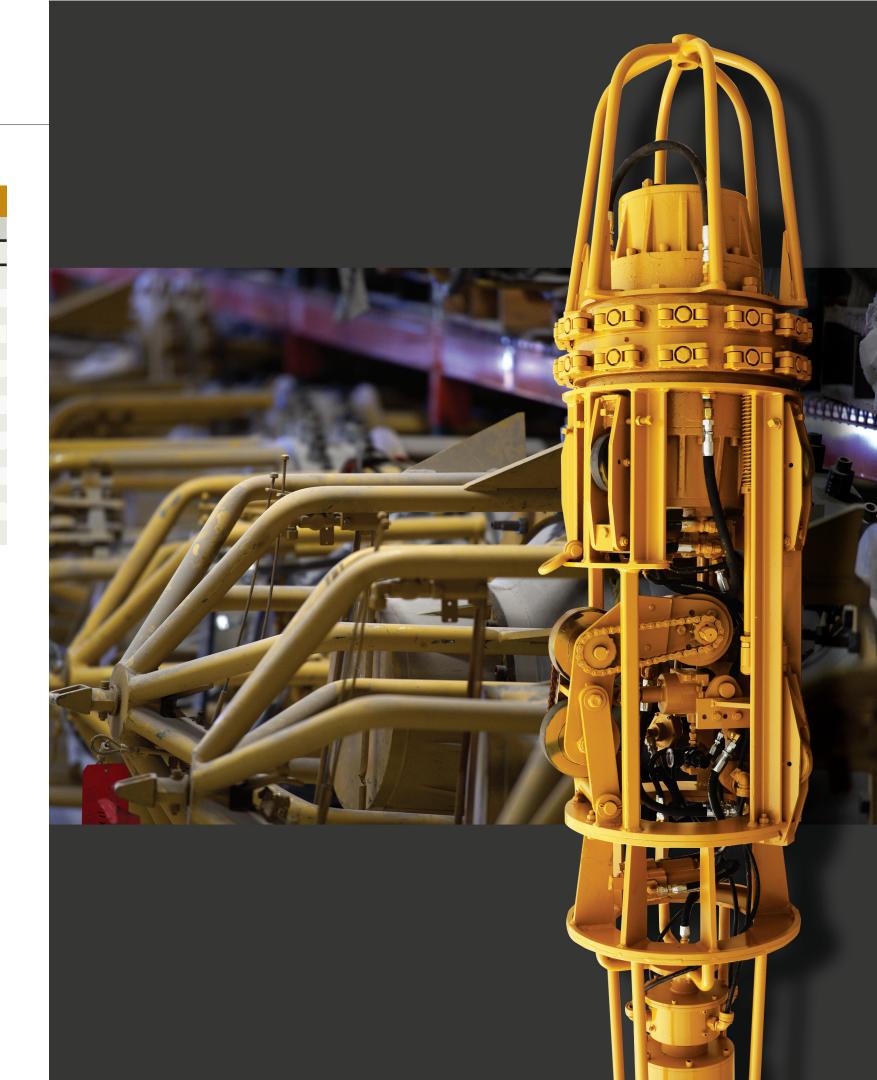
Additional Cost Features

- Dual side drive, capability of 35 degree grade
- Stainless steel pipe compatibility
- Storage skid
- Additional reach rod
- Emergency braking system

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ROLLER CRADLES



Design Features

- Various cradle assemblies for pipe sizes 6" (152mm) through 60" (1524mm) welded seam hang-up
- Slings for pipe sizes 2" (51mm) through 24" (610mm)
- Designed load capacity ensures safe handling of heavy wall pipe
- Multiple urethane rollers spaced to support the pipe evenly
- The wire rope assembly meets ANSI B-30-9 sling requirements, OSHA 1910.184 sling requirements and OSHA 1926.251 material handling requirements
- Head Iron designed using finite element analysis per ASME BTH-1, Service Class O, Design Category A
- Replacement urethane cradle rollers available
- Custom sizes available upon request

Caution

- Roller Cradles & Slings designed for verticle lifting only
- Never stand under a pipe when lifting or loading
- Use only equipment rated above the max load to be lifted
- Uneven load distribution imposes disproportionate loading on the individual sling legs



| CRADLES | | | |
|--|--|---|---|
| SIZE | NUMBER OF ROLLERS PER ROLLER STRAND | MAXIMU RECOMMEI WORKING | NDED |
| IN | | LB | KG |
| 6"-12" 12"-24" 24"-36" 36"-48" 48"-60" | 10 14 12 16 18 | 15,600 28,662 56,500 69,390 105,380 | 7,075 12,982 25,628 31,475 47,800 |

Note: Single cradle has 1 cable strand looped over the head iron Dual cradle has 2 cable strands looped over the head iron

| C | RADLES | | | | | | | | | | |
|---------|------------|-----|------|-----|------|-----|-----|---------------------|------|------|-------------|
| | IPE IZE | LEN | GTH | WI | DTH | HEI | GHT | HEAD IRON WEIGHT | | | tal ight |
| IN | MM | IN | MM | IN | MM | IN | MM | LB | KG | LB | KG |
| 6"-12" | 152-305 | 25" | 635 | 24" | 610 | 12" | 305 | 265 | 120 | 750 | 341 |
| 12"-24" | 305-610 | 37" | 940 | 32" | 813 | 18" | 457 | 400 | 182 | 800 | 364 |
| 24"-36" | 610-914 | 57" | 1448 | 54" | 1372 | 20" | 508 | 1250 | 568 | 2900 | 1318 |
| 36"-48" | 914-1219 | 73" | 1854 | 64" | 1626 | 25" | 635 | 1550 | 705 | 3800 | 1727 |
| 48"-60" | 1219-1524 | 85" | 2159 | 80" | 2032 | 31" | 787 | 3000 | 1364 | 7250 | 3295 |

Note: Shipping dimensions for Head Iron only. Total weight included 2 strands. A safety factor of 5:1 is used on the wire rope to determine working loads. Capacities should be recalculated if local laws or regulations require a different safety factor.

| SLINGS | | | | | |
|---------|--------------------------------|------|-----|--------------------------|-------|
| SIZE | NUMBER OF ROLLERS PER SLING | WEIG | ЭНТ | MAXI RECOMI WORKIN | |
| IN | | LB | KG | LB | KG |
| 2"-8" | 3 | 36 | 16 | 15,600 | 7,075 |
| 8"-12" | 5 | 56 | 25 | 15,600 | 7,075 |
| 12"-24" | 7 | 76 | 34 | 15,600 | 7,075 |



Slings are not intended to replace Roller Cradles for lifting pipe. Consult factory for usage guidlines. *Wire rope capacity.

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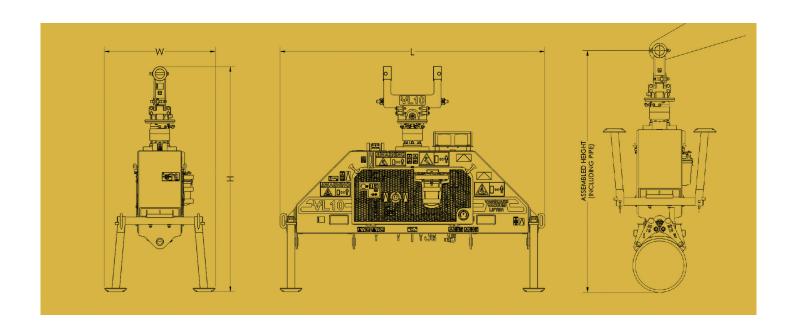


VACUUM LIFTERS



Design Features

- Built to the highest safety standards: meets or exceeds ASME B30.20 and ASME BTH-1 specifications. Designed to Design Category "B" and Service Class "2" with substantially higher number of cycles: between 100,000 and 500,000 for greatly improved safety and reliability over majority of similar units, which are typically Service Class "0" designed for 0 to 20,000 cycles.
- Extensive Vacuum Lifter and Pad Attachment testing, exceeding US required standards ensures safe load holding capability.
- Large, intuitive Operators Panel with complete lockout function for safe storage and prevents unauthorized start up during maintenance.
- Integrated, foldable tank stand legs allow stowing the unit with pads attached, without the need of carrying an additional large and heavy support frame. Simple operation requires pulling out pins and flipping legs up out of the way.
- Integrated foldable pad stand legs and forklift sockets allow for easy storage and moving pad attachments without destroying the seal. Pads are stored seal down to extend seal life due to minimizing UV exposure.
- Eco oil drain hoses for all components, and diesel fuel tank drain speed up maintenance and keep machine and environment clean.



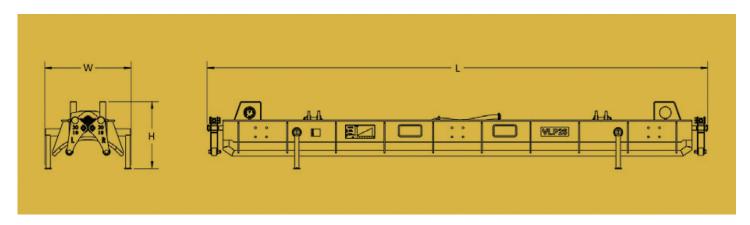
| VACUUM LIFTERS | | | |
|--------------------|------------------|------------------|------------------|
| MODEL | VL10 | VL12 | VL16 |
| Lifting Capacity | 10 tonnes | 12 tonnes | 16 tonnes |
| | 22,000 lb | 26,500 lb | 32,275 lb |
| Working Dimensions | 112/47/94 inches | 112/47/91 inches | 112/47/92 inches |
| (L/W/H) | 2.8/1.1/2.3 m | 2.8/1.1/2.3 m | 2.8/1.1/2.3 m |
| Operating Weight | 1365 kg | 1375 kg | 1395 kg |
| | 3010 lb | 3025 lb | 3070 lb |





VACUUM LIFTERS

LIFTING PADS VLP4 - VLP20

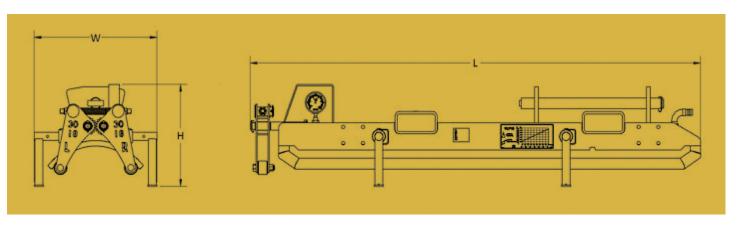


| MODEL | | NS (L/W/H) REQUIRED | | PERATING IGHT | ASSEMBLED HEIGHT (INCLUDING PIPE) | | |
|-------|--------------------|------------------------|-----|------------------|-----------------------------------|------|--|
| | in | m | lb | kg | in | m | |
| VLP4 | 79.4 / 16.5 / 16.4 | 2.02 / 0.42 / 0.42 | 550 | 250 | 85 | 2.17 | |
| VLP6 | 79.4 / 16.5 / 16.4 | 2.02 / 0.42 / 0.42 | 550 | 250 | 87 | 2.20 | |
| VLP8 | 79.4 / 16.5 / 16.4 | 2.02 / 0.42 / 0.42 | 570 | 258 | 89 | 2.25 | |
| VLP10 | 79.4 / 16.5 / 16.4 | 2.02 / 0.42 / 0.42 | 600 | 272 | 91 | 2.30 | |
| VLP12 | 79.9 / 18.6 / 17.3 | 2.03 / 0.47 / 0.44 | 690 | 312 | 92 | 2.33 | |
| VLP14 | 79.9 / 18.6 / 17.3 | 2.03 / 0.47 / 0.44 | 710 | 322 | 93 | 2.37 | |
| VLP16 | 85.9 / 18.6 / 17.2 | 2.18 / 0.47 / 0.44 | 750 | 340 | 95 | 2.42 | |
| VLP18 | 85.4 / 23.3 / 18.7 | 2.17 / 0.59 / 0.47 | 860 | 390 | 97 | 2.46 | |
| VLP20 | 85.4 / 23.3 / 18.6 | 2.17 / 0.59 / 0.47 | 870 | 394 | 99 | 2.51 | |





LIFTING PADS VLP22 - VLP48



| VACUUM I | VACUUM LIFTERS VLP22 - VLP48 | | | | | | | | | | | |
|----------|------------------------------|------------------------|------|-----------------------------------|-----|------|--|--|--|--|--|--|
| MODEL | DIMENSIO 1 PAD R | TOTAL OPERATING WEIGHT | | ASSEMBLED HEIGHT (INCLUDING PIPE) | | | | | | | | |
| | in | m | lb | kg | in | m | | | | | | |
| VLP22 | 169.8 / 29.3 / 22.5 | 4.31 / 0.74 / 0.57 | 1085 | 492 | 99 | 2.52 | | | | | | |
| VLP24 | 169.8 / 29.3 / 22.5 | 4.31 / 0.74 / 0.57 | 1135 | 525 | 101 | 2.58 | | | | | | |
| VLP26 | 169.8 / 29.3 / 22.4 | 4.31 / 0.74 / 0.57 | 1160 | 526 | 103 | 2.63 | | | | | | |
| VLP28 | 169.8 / 35.5 / 24.8 | 4.31 / 0.90 / 0.63 | 1215 | 551 | 105 | 2.68 | | | | | | |
| VLP30 | 169.8 / 35.5 / 24.8 | 4.31 / 0.90 / 0.63 | 1260 | 572 | 107 | 2.73 | | | | | | |
| VLP32 | 181.5 / 35.5 / 24.6 | 4.31 / 0.90 / 0.63 | 1480 | 671 | 109 | 2.78 | | | | | | |
| VLP34 | 181.5 / 35.5 / 24.5 | 4.61 / 0.90 / 0.62 | 1490 | 676 | 111 | 2.83 | | | | | | |
| VLP36 | 181.5 / 35.5 / 24.4 | 4.61 / 0.90 / 0.62 | 1500 | 680 | 113 | 2.88 | | | | | | |
| VLP42 | 228.5 / 45.0 / 25.3 | 5.80 / 1.14 / 0.64 | 2100 | 950 | 119 | 3.03 | | | | | | |
| VLP48 | 228.5 / 45.0 / 24.9 | 5.80 / 1.14 / 0.63 | 2230 | 1012 | 125 | 3.18 | | | | | | |

Disclaimor

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HYDRAULIC PIPE FACING MACHINE

Design Features

- Available in sizes 8"- 60"
- This unit requires a hydraulic power source
- Transition tapers or counterbores for joining pipes of different wall thickness
- Mitered bevels up to 2-1/2" where mitered pipe is required
- Provides a bevel for pipeline tie-ins, on and offshore, that will maximize quality and minimize repairs of field welding. A combination of hydraulic and mechanical components produce a bevel within our + or - .016" (0.406MM) tolerance
- Pipe end prep station for double jointing yards
- Radial arm tool holder or dovetail type tool holder

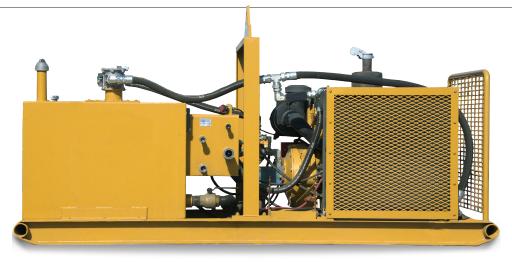


| FACING MACHINE | | | | | | | | | | | |
|---|--------------------------------------|--|----------------------------------|---|----------------------------------|---|--------------------------------------|---|--|--|--|
| MODEL | LENGTH | | WIDTH | | HEIGHT | | CUBE | | WEIGHT | | |
| | in | mm | in | mm | in | mm | ft | m | lb | kg | |
| 8 - 14 16 - 22 24 - 32 34 - 38 40 - 48 50 - 60 | 65 81 100 103 129 140 | 1651 2057 2540 2616 3276 3556 | 34 40 41 44 54 68 | 863 1016 1041 1117 1371 1727 | 37 43 52 58 77 87 | 939 1092 1320 1473 1955 2209 | 47 81 123 152 310 479 | 1.34 2.28 3.49 4.31 8.79 13.57 | 1300 1850 3200 3800 6500 8800 | 590 839 1451 1723 2948 3991 | |

POWER UNITS

Design Features

- Available in diesel or electric drive, each unit is self contained and includes everything necessary to power the Pipe Facing Machine
- Diesel Units come equipped with an electric start, water cooled, diesel engine
- Electric Units contain a heavy-duty industrial motor, disconnect switch with
- thermal protection, and an On/Off switch for operation. Electric Units are available in a variety of voltages and may be ordered as 50 Hz or 60 Hz
- All units come equipped with a dual-action hydraulic oil pump and a heavy-duty oil filter



SIDE BOOM PIPE LAYERS

Design Features

- Folding boom for ease of transportation
- Controls are easy to operate and require minimal operator training
- Hydraulic boom stop automatically prevents system over travel and damage to boom
- Sideboom features quick release hinge pins for easy boom removal and maintenance
- Hydraulically operated, four-bar linkage counterweight system for maximum stability and lifting capability
- Optional 2-speed load winch
- Optional Boom Lengths
- Various models available for sale or lease



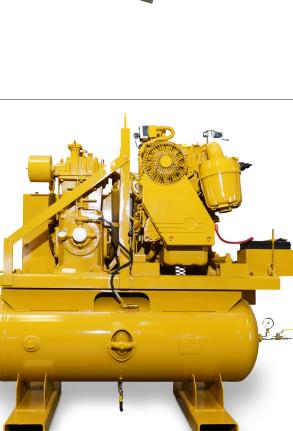
AIR COMPRESSORS

Design Features

- Designed to complement DMI pneumatic equipment
 foot-mounted, complete, ready to operate
- Working range is up to 225 psi (15.3 atm)
- Minimum range compressed air supply is 180-200 psi (12.2-13.6 atm)
- 25CFM Model #325
- 40CFM Model #340 73"x 36"x 69" (1880 mm x 940 mm x 1803 mm) 2,075 lbs. (941 kg)
 (30 HP Duetz, 2 Cylinder motor)
- 90CFM Model #390 76"x 48"x 78" (1778 mm x 1219 mm x 1981 mm) 2,650 lbs. (1202 kg) (46 HP Duetz, 3 Cylinder motor)
- Specified power units include:
 - HTD Diesel engine with electric start
 - HTE Electric motor, at customer's required voltage

AVAILABLE OPTIONS:

- Air tank certified to special (non-U.S.) standards Centerlift hook
- Pipe bending machine mounting bracket Roll-over cage



MANUAL INTERNAL LINEUP CLAMP

HYDRAULIC INTERNAL LINEUP CLAMP



- Toggle action puts maximum power on pipe
- "Gap" is unobstructed for fuller stringer bead
- Heavy duty jack box puts more power on the pipe with less operator effort
- Each clamp machined for specific wall thickness and pipe O.D.
- Available with copper back-up ring
- Standard 6" to 60"



- Easy to operate
- Requires no outside power unit
- Precision manufactured, field proven
- Each clamp machined for specific wall thickness and pipe O.D.
- Heavy duty all steel construction
- Standard 16" to 60"
- Available through 100"

MANUAL, RATCHET & HYDRAULIC EXTERNAL LINEUP CLAMPS STANDARD & NO-TACK

Manual

- Precision Acme threads ensure strength and ease of operation.
- Standard 1" ratchet handle fits all sizes
- Available in sizes 2" through 60"
- Mechanism is enclosed to eliminate dirt and mud
- Will not back off while weld is being made
- No-Tack type has arched crossbeams to permit continuous welding without removing the clamp
- Heavy duty all steel construction

Ratchet

- Heavy duty all steel construction.
- Standard 1" ratchet handle fits all sizes
- Precision Acme threads ensure strength and ease of operation
- Clamp sizes 2" through 60"
- Mechanism is enclosed to eliminate dirt and mud
- Will not back off while weld is being
- No-Tack type has arched cross-beams to permit continuous welding without removing the clamp



Hydraulic

- Accurately aligns in minutes
- Hinged to open wide for easy mounting, use, or removal
- Circle secured by single master pin
- Bridging allows full 360° welding without removing clamp
- Available in sizes from 16" to 60"
- Heavy duty all steel construction
- Precision manufactured, field proven



GPB HEAD IRON

- · Alloy steel for greater strength with less weight
- Reinforced lifting bail and end iron hooks for increased durability
- Painted with stainless steel data plate
- Lowering-in belt not included
- Belts used around the world in sizes for 2 hook to 11 hook



GPM LOWERING-IN BFIT

- · Heavy duty nylon webbing for durability and strength
- Alloy steel end irons for greater strength with less weight
- Web coated with heavy duty vinyl coating
- Head iron not included as pictured Lowering in belt and head iron sold separately
- Belts used around the world, in all types of climates, in sizes up to 60" diameter pipe
- pipe diameters



GPC BLP LINED STEEL CHOKER BELT

- · Accurately aligns in minutes
- Hinged to open wide for easy mounting, use, or removal
- Circle secured by single master pin
- Bridging allows full 360 degrees welding without removing clamp
- Available in sizes from 16" to 60"
- Heavy duty all steel construction precision manufactured, field proven



STAINLESS BEVELING BANDS

- Made from durable stainless steel for long life
- Ease of operation and removal
- Sizes from 6" to 60" in 2" intervals
- Adaptable to any beveling requirement
- Smoothly, accurately cuts and bevels
- Minimum clearance needed in bell holes
- Out of round pipe attachments unnecessary
- Mounts easily anywhere on the pipe

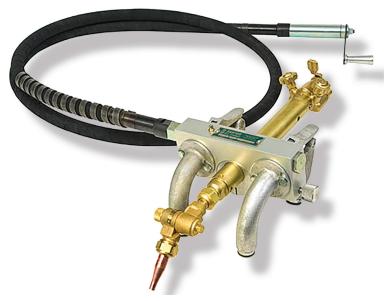


BAND-TYPE CRAWLER

- One man can set up and cut pipes as large as 48"
- Ease of setup when cutting horizontal or vertical pipes due to lightweight design
- · Quick installation latching mechanism
- Fits all band sizes
- 60% faster than hand cutting and grinding

Not Included:

• Machine cutting torch, torch angle head adapter



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