

## HYDRAULIC RAMS

- Designed for use in all positions
- High strength alloy steel for durability
- Heavy duty return springs (except B65141)
- Collar thread protectors (except B65141)
- Rod wipers seal out contaminants
- Industrial hard chrome plated ram prevents rust corrosion



## Regular Rams

| Model  | Capacity | Stroke | Effective Area       |
|--------|----------|--------|----------------------|
| B65141 | 2 Ton    | 3.07"  | 0.76 in <sup>2</sup> |
| B65553 | 5 Ton    | 3.07"  | 1.0 in <sup>2</sup>  |
| B65555 |          | 5.08"  |                      |
| B65441 | 10 Ton   | 2.01"  | 2.24 in <sup>2</sup> |
| B65446 |          | 5.94"  |                      |
| B65449 |          | 9.96"  |                      |
| B65746 | 25 Ton   | 5.94"  | 5.14 in <sup>2</sup> |

## Porto Power Rams

| Model  | Capacity | Stroke | Effective Area       | Oil Capacity          | Collapsed Height | Extended Height | Outside Diameter | Plunger Diameter | Base To Inlet Port | Base Hole Depth | G.W.    | Operating Pressure | Coupler |
|--------|----------|--------|----------------------|-----------------------|------------------|-----------------|------------------|------------------|--------------------|-----------------|---------|--------------------|---------|
| B65150 | 4 Ton    | 5.0"   | 1.0 in <sup>2</sup>  | 5.00 in <sup>3</sup>  | 10.69"           | 15.69"          | 1.50"            | 0.88"            | 1.96"              | 1.54"           | 5 Lbs.  | 8,000 PSI          | B69477  |
| B65452 | 10 Ton   | 6.03"  | 2.24 in <sup>2</sup> | 13.44 in <sup>3</sup> | 14.59"           | 20.62"          | 2.26"            | 1.50"            | 3.15"              | 2.42"           | 12 Lbs. | 8,950 PSI          | B65582  |

## Threaded Rams

- High quality threaded single acting cylinders
- Used to attach accessories to rod end and base

| Model  | Capacity | Stroke | Effective Area       | Oil Capacity          | Collapsed Height | Extended Height | Outside Diameter | Plunger Diameter | Base To Inlet Port | Plunger Outside Thread & Base Internal Thread | G.W.    | Operating Pressure |
|--------|----------|--------|----------------------|-----------------------|------------------|-----------------|------------------|------------------|--------------------|-----------------------------------------------|---------|--------------------|
| B65142 | 4 Ton    | 5.07"  | 1.0 in <sup>2</sup>  | 5.00 in <sup>3</sup>  | 10.31"           | 15.39"          | 1.50"            | 1.0"             | 1.33"              | 3/4"-14 NPTF                                  | 5 Lbs.  | 8,000 PSI          |
| B65442 | 10 Ton   | 6.1"   | 2.24 in <sup>2</sup> | 13.44 in <sup>3</sup> | 11.61"           | 17.72"          | 2.27"            | 1.5"             | 1.67"              | 1-1/4"-11.5 NPTF                              | 11 Lbs. | 8,930 PSI          |
| B65444 |          | 10.12" |                      | 22.40 in <sup>3</sup> | 15.63"           | 25.75"          |                  |                  |                    |                                               | 15 Lbs. |                    |
| B65740 | 20 Ton   | 5.16"  | 5.14 in <sup>2</sup> | 25.70 in <sup>3</sup> | 11.77"           | 16.93"          | 3.35"            | 2.24"            | 1.85"              | 2"-11.5 NPTF                                  | 22 Lbs. | 7,780 PSI          |



| Oil Capacity | Collapsed Height | Extended Height | Outside Diameter | Plunger Diameter | Base to Inlet Port | Saddle Diameter | Base Mounting Hole |               |            | G.W.    | Operating Pressure | Coupler |
|--------------|------------------|-----------------|------------------|------------------|--------------------|-----------------|--------------------|---------------|------------|---------|--------------------|---------|
|              |                  |                 |                  |                  |                    |                 | Hole Diameter      | Hole Distance | Hole Depth |         |                    |         |
| 2.28 in³     | 5.39"            | 8.46"           | 1.31"            | 0.87"            | 0.46"              | 1.0"            | N/A                | N/A           | N/A        | 2 Lbs.  | 5,270 PSI          | B69477  |
| 3.00 in³     | 6.65"            | 9.72"           | 1.5"             | 1.0"             | 0.79"              | 0.98"           | 0.20"              | 1.00"         | 0.76"      | 3 Lbs.  | 10,000 PSI         |         |
| 5.00 in³     | 8.7"             | 13.78"          |                  |                  |                    |                 |                    |               |            | 4 Lbs.  |                    |         |
| 4.48 in³     | 4.84"            | 6.85"           | 2.26"            | 1.49"            | 0.75"              | 1.38"           | 0.28"              | 1.54"         | 0.87"      | 5 Lbs.  | 8,930 PSI          | B65582  |
| 13.44 in³    | 9.84"            | 15.78"          |                  |                  | 0.77"              |                 | 0.31"              |               | 0.55"      | 9 Lbs.  |                    |         |
| 22.31 in³    | 13.86"           | 23.82"          |                  |                  |                    |                 |                    |               |            | 14 Lbs. |                    |         |
| 30.84 in³    | 10.71"           | 16.81"          |                  |                  | 3.35"              | 2.24"           | 0.98"              |               | 2.13"      | 0.4"    | 2.3"               | 1.0"    |



| Coupler |
|---------|
| B69477  |
| B65582  |
| B65582  |



Threaded base allows easy installation of attachments and mounting applications  
(Threaded Rams Only)