



**Standard Hydraulic Rams**

**Extreme Environment Rams**—Nickel-plated to resist corrosion in extreme environments. Viton seals are heat- and chemical-resistant.

**General Purpose Rams**—They have a maximum working pressure of 10,000 psi.

**High Cycle Rams**—Mounting configurations allow them to be attached to fixtures.

**Lightweight Rams**—Made of aluminum so they weigh less than standard steel hydraulic rams, making them more portable and easier to transport.

**ENERPAC WESTWARD**

**Low Profile Rams**—Feature low height when fully retracted, allowing them to be used in tight or confined spaces.

**Low Profile Hand Jacks**—Feature an integrated pump and handle for manually lifting heavy loads without requiring external connections. Ideal for use where there are a small or narrow clearances.

| Nominal Capacity           | Stroke Length | Effective Push Area | Retracted Height | Series | Item No. |
|----------------------------|---------------|---------------------|------------------|--------|----------|
| <b>Extreme Environment</b> |               |                     |                  |        |          |
| 5 ton                      | 3 in          | 1 sq in             | 6.5 in           | RC     | 1MTF2    |
| 10 ton                     | 2 in          | 2.25 sq in          | 4.78 in          | RC     | 1MTF1    |
| 10 ton                     | 6 in          | 2.25 sq in          | 9.75 in          | RC     | 1MTE9    |
| 25 ton                     | 6 in          | 5.16 sq in          | 10.75 in         | RC     | 23NP32   |
| <b>General Purpose</b>     |               |                     |                  |        |          |
| 5 ton                      | 3/8 in        | 0.99 sq in          | 1.63 in          | RC     | 3KD48    |
| 5 ton                      | 1 in          | 0.99 sq in          | 4.34 in          | RC     | 3KD49    |
| 5 ton                      | 3 in          | 0.99 sq in          | 6.5 in           | RC     | 4Z483    |
| 5 ton                      | 5 in          | 0.99 sq in          | 8.5 in           | RC     | 4Z484    |
| 5 ton                      | 7 in          | 0.99 sq in          | 10.75 in         | RC     | 3KD50    |
| 5 ton                      | 9 in          | 0.99 sq in          | 12.75 in         | RC     | 3KD51    |
| 10 ton                     | 7/8 in        | 2.24 sq in          | 3.47 in          | RCS    | 62066    |
| 10 ton                     | 1 in          | 2.24 sq in          | 3.53 in          | RC     | 3KD42    |
| 10 ton                     | 2 in          | 2.24 sq in          | 4.78 in          | RC     | 4Z485    |
| 10 ton                     | 4 in          | 2.24 sq in          | 6.75 in          | RC     | 6Z783    |
| 10 ton                     | 6 in          | 2.24 sq in          | 9.75 in          | RC     | 4Z486    |
| 10 ton                     | 10 in         | 2.23 sq in          | 16.13 in         | RR     | 23NR29   |
| 10 ton                     | 10 in         | 2.24 sq in          | 13.75 in         | RC     | 4Z487    |
| 10 ton                     | 12 in         | 2.23 sq in          | 18 in            | RR     | 23NR30   |
| 10 ton                     | 12 in         | 2.24 sq in          | 15.75 in         | RC     | 2NWH4    |
| 10 ton                     | 14 in         | 2.24 sq in          | 17.75 in         | RC     | 2NWH5    |
| 11.2 ton                   | 8 in          | 3.14 sq in          | 11.75 in         | RC     | 3KD43    |
| 15 ton                     | 1 in          | 3.14 sq in          | 4.88 in          | RC     | 2NWH6    |
| 15 ton                     | 2 in          | 3.14 sq in          | 5.88 in          | RC     | 3KD44    |
| 15 ton                     | 4 in          | 3.14 sq in          | 7.88 in          | RC     | 5ZL46    |
| 15 ton                     | 6 in          | 3.14 sq in          | 10.69 in         | RC     | 6W463    |
| 15 ton                     | 8 in          | 3.14 sq in          | 12.69 in         | RC     | 5ZL47    |
| 15 ton                     | 10 in         | 3.14 sq in          | 14.69 in         | RC     | 6W464    |
| 15 ton                     | 12 in         | 3.14 sq in          | 16.69 in         | RC     | 18Y536   |
| 15 ton                     | 14 in         | 3.14 sq in          | 18.69 in         | RC     | 23NP31   |
| 20 ton                     | 3/8 in        | 4.43 sq in          | 3.88 in          | RCS    | 62067    |
| 25 ton                     | 1/4 in        | 3.14 sq in          | 14.75 in         | RC     | 6W473    |
| 25 ton                     | 1 in          | 5.16 sq in          | 5.5 in           | RC     | 5ZL48    |
| 25 ton                     | 2 in          | 5.16 sq in          | 6.5 in           | RC     | 3KD45    |
| 25 ton                     | 4 in          | 5.16 sq in          | 8.5 in           | RC     | 3KD46    |
| 25 ton                     | 6 in          | 5.16 sq in          | 10.75 in         | RC     | 4Z488    |
| 25 ton                     | 8 in          | 5.16 sq in          | 12.75 in         | RC     | 3KD47    |
| 25 ton                     | 12 in         | 5.16 sq in          | 16.75 in         | RC     | 2NWH7    |
| 25 ton                     | 14 in         | 5.16 sq in          | 18.75 in         | RC     | 2NWH8    |
| 30 ton                     | 2 in          | 6.49 sq in          | 4.63 in          | RCS    | 62068    |
| 30 ton                     | 8 in          | 6.51 sq in          | 15.25 in         | RR     | 23NR36   |
| 30 ton                     | 8 in          | 6.49 sq in          | 15.25 in         | RC     | 5ZL49    |
| 30 ton                     | 15 in         | 6.51 sq in          | 21.63 in         | RR     | 23NR35   |

| Nominal Capacity   | Stroke Length | Effective Push Area | Retracted Height | Series | Item No. |
|--------------------|---------------|---------------------|------------------|--------|----------|
| 50 ton             | 2 in          | 9.62 sq in          | 4.81 in          | RCS    | 62272    |
| 50 ton             | 2 in          | 11.04 sq in         | 6.94 in          | RC     | 5ZL50    |
| 50 ton             | 4 in          | 11.04 sq in         | 8.94 in          | RC     | 5ZL51    |
| 50 ton             | 6 in          | 11.06 sq in         | 13.06 in         | RR     | 23NR39   |
| 50 ton             | 6 in          | 11.04 sq in         | 11.13 in         | RC     | 4Z489    |
| 50 ton             | 6 in          | 11.06 sq in         | 20.06 in         | RR     | 23NR37   |
| 50 ton             | 13 in         | 11.04 sq in         | 18.13 in         | RC     | 2NWH1    |
| 50 ton             | 20 in         | 11.06 sq in         | 28.88 in         | RR     | 23NR38   |
| 75 ton             | 6 in          | 15.92 sq in         | 13.69 in         | RR     | 23NR40   |
| 75 ton             | 6 in          | 15.9 sq in          | 11.25 in         | RC     | 18Y538   |
| 75 ton             | 13 in         | 15.9 sq in          | 19.38 in         | RC     | 18Y537   |
| 100 ton            | 2 in          | 19.63 sq in         | 5.56 in          | RCS    | 4PU63    |
| 100 ton            | 7 in          | 20.63 sq in         | 13.69 in         | RR     | 23NR28   |
| 100 ton            | 7 in          | 20.63 sq in         | 14.06 in         | RC     | 2NWH3    |
| 100 ton            | 10 in         | 2.24 sq in          | 17.69 in         | RC     | 18Y535   |
| 100 ton            | 18 in         | 20.65 sq in         | 27.06 in         | RR     | 23NR27   |
| 150 ton            | 2 in          | 30.71 sq in         | 7.19 in          | RR     | 23NR31   |
| 150 ton            | 6 in          | 30.71 sq in         | 15.19 in         | RR     | 23NR32   |
| 150 ton            | 12 in         | 33.14 sq in         | 19.57 in         | HCR    | 444N47   |
| 200 ton            | 6 in          | 44.21 sq in         | 16.94 in         | RR     | 23NR33   |
| 300 ton            | 6 in          | 70.93 sq in         | 19.13 in         | RR     | 23NR34   |
| <b>High Cycle</b>  |               |                     |                  |        |          |
| 4 ton              | 1 in          | 0.79 sq in          | 7.31 in          | RD     | 18Y543   |
| 4 ton              | 3 in          | 0.79 sq in          | 9.31 in          | RD     | 18Y544   |
| 4 ton              | 6 in          | 4.91 sq in          | 16.69 in         | RD     | 18Y542   |
| 9 ton              | 1 in          | 1.77 sq in          | 8.75 in          | RD     | 18Y546   |
| 9 ton              | 3 in          | 1.77 sq in          | 10.78 in         | RD     | 18Y548   |
| 9 ton              | 6 in          | 0.79 sq in          | 12.31 in         | RD     | 18Y545   |
| 9 ton              | 6 in          | 1.77 sq in          | 13.78 in         | RD     | 18Y549   |
| 9 ton              | 10 in         | 1.77 sq in          | 17.78 in         | RD     | 18Y547   |
| 16 ton             | 6 in          | 3.14 sq in          | 15.31 in         | RD     | 18Y540   |
| 16 ton             | 10 in         | 3.14 sq in          | 19.31 in         | RD     | 18Y539   |
| 25 ton             | 10 in         | 4.91 sq in          | 20.69 in         | RD     | 18Y541   |
| <b>Lightweight</b> |               |                     |                  |        |          |
| 20 ton             | 2 in          | 4.83 sq in          | 6.85 in          | RAC    | 23NN96   |
| 20 ton             | 4 in          | 4.83 sq in          | 8.82 in          | RAC    | 23NN97   |
| 20 ton             | 6 in          | 4.83 sq in          | 10.79 in         | RAC    | 23NN98   |
| 30 ton             | 4 in          | 6.85 sq in          | 9.09 in          | RAC    | 4PU59    |
| 30 ton             | 6 in          | 6.85 sq in          | 11.06 in         | RAC    | 4PU60    |
| 50 ton             | 2 in          | 10.99 sq in         | 7.92 in          | RAC    | 23NP24   |
| 50 ton             | 2 in          | 10.99 sq in         | 7.32 in          | RAC    | 23NN99   |
| 50 ton             | 4 in          | 10.99 sq in         | 9.89 in          | RAC    | 23NP25   |
| 50 ton             | 4 in          | 10.99 sq in         | 9.29 in          | RAC    | 4PU61    |

| Nominal Capacity                      | Stroke Length | Effective Push Area | Retracted Height | Series | Item No. |
|---------------------------------------|---------------|---------------------|------------------|--------|----------|
| 50 ton                                | 6 in          | 10.99 sq in         | 11.86 in         | RAR    | 23NP26   |
| 50 ton                                | 6 in          | 10.99 sq in         | 11.26 in         | RAC    | 4PU62    |
| 100 ton                               | 4 in          | 22.19 sq in         | 11.86 in         | RAR    | 23NP20   |
| 100 ton                               | 4 in          | 22.19 sq in         | 10.67 in         | RAC    | 23PC24   |
| 100 ton                               | 6 in          | 22.19 sq in         | 13.83 in         | RAR    | 23NP21   |
| 100 ton                               | 6 in          | 22.19 sq in         | 15.9 in          | RAC    | 4PU58    |
| 100 ton                               | 8 in          | 22.19 sq in         | 15.9 in          | RAC    | 23NP22   |
| 100 ton                               | 8 in          | 22.19 sq in         | 14.61 in         | RAC    | 23NN94   |
| 150 ton                               | 6 in          | 35.19 sq in         | 13.71 in         | RAR    | 23NP23   |
| 150 ton                               | 6 in          | 35.18 sq in         | 13.49 in         | RAC    | 23NN95   |
| <b>Low Profile</b>                    |               |                     |                  |        |          |
| 5 ton                                 | 1/4 in        | 0.99 sq in          | 1.28 in          | RSM    | 6Z782    |
| 5 ton                                 | 1 in          | —                   | 2.2 in           | —      | 3CFK7    |
| 10 ton                                | 6/25 in       | 2.15 sq in          | 1.08 in          | CULP   | 55PT75   |
| 10 ton                                | 13/50 in      | 2.15 sq in          | 1.4 in           | CUSP   | 55PT80   |
| 10 ton                                | 3/8 in        | 2.24 sq in          | 1.69 in          | RSM    | 3KD55    |
| 20 ton                                | 6/25 in       | 4.38 sq in          | 1.26 in          | CULP   | 55PT77   |
| 20 ton                                | 7/25 in       | 4.39 sq in          | 1.59 in          | CUSP   | 55PT83   |
| 20 ton                                | 3/8 in        | 4.43 sq in          | 2.03 in          | RSM    | 3KD56    |
| 20 ton                                | 29/50 in      | 23.85 sq in         | 2.5 in           | CUSP   | 55PT81   |
| 30 ton                                | 6/25 in       | 6.85 sq in          | 1.38 in          | CULP   | 55PT78   |
| 30 ton                                | 1/2 in        | 6.49 sq in          | 2.31 in          | RSM    | 6W466    |
| 30 ton                                | 1 in          | 6.85 sq in          | 1.67 in          | CUSP   | 55PT85   |
| 50 ton                                | 6/25 in       | 12.17 sq in         | 1.75 in          | CULP   | 55PT79   |
| 50 ton                                | 3/8 in        | 9.62 sq in          | 2.63 in          | RSM    | 6W467    |
| 50 ton                                | 1 in          | 12.17 sq in         | 2.24 in          | CUSP   | 55PT86   |
| 75 ton                                | 3/8 in        | 15.9 sq in          | 3.13 in          | RSM    | 5ZL57    |
| 75 ton                                | 1 in          | 17.53 sq in         | 2.38 in          | CUSP   | 55PT87   |
| 100 ton                               | 6/25 in       | 23.85 sq in         | 2.55 in          | CULP   | 55PT76   |
| 100 ton                               | 3/8 in        | 19.63 sq in         | 3.38 in          | RSM    | 5ZL56    |
| 150 ton                               | 14/25 in      | 35.19 sq in         | 2.56 in          | CUSP   | 55PT82   |
| 150 ton                               | 3/8 in        | 30.68 sq in         | 3.94 in          | RSM    | 18Y550   |
| 150 ton                               | 3/8 in        | 30.68 sq in         | 3.94 in          | RSM    | 18Y550   |
| 200 ton                               | 59/100 in     | 46.28 sq in         | 2.72 in          | CUSP   | 55PT84   |
| 200 ton                               | 2 in          | 43.95 sq in         | 6.1 in           | LPL    | 55PP51   |
| 250 ton                               | 2 in          | 56.27 sq in         | 6.24 in          | LPL    | 55PP52   |
| 400 ton                               | 2 in          | 88.75 sq in         | 7.01 in          | LPL    | 55PP53   |
| 500 ton                               | 2 in          | 113.25 sq in        | 7.56 in          | LPL    | 55PP54   |
| <b>Low Profile Hand Jack—Westward</b> |               |                     |                  |        |          |
| 5 ton                                 | 1/4 in        | —                   | 1.61 in          | —      | 3CFK6    |
| 10 ton                                | 1/2 in        | —                   | 2.09 in          | —      | 3CFK8    |
| 20 ton                                | 1/2 in        | —                   | 2.4 in           | —      | 3CFL1    |

**Premium Hydraulic Oil ENERPAC**

Formulated specifically for use with Enerpac pumps. Antisludge, antirust, antif foam additives included.

**Power Pump Oil**—High viscosity index. Blue color.

**Hand Pump Oil**—Medium viscosity index. Not for use in power pumps. Yellow color.

| Container Size        | Viscosity Index | Flash Point | Pour Point | Mfr. Model | Item No. |
|-----------------------|-----------------|-------------|------------|------------|----------|
| <b>Power Pump Oil</b> |                 |             |            |            |          |
| 1 qt                  | —               | —           | —          | HF100      | 3KD75    |
| 1 gal                 | 100             | 400 °C      | -45°F      | HF101      | 3KD76    |
| 55 gal                | —               | —           | —          | HF104      | 18Y531   |
| <b>Hand Pump Oil</b>  |                 |             |            |            |          |
| 1 gal                 | 105             | 375 °F      | -45°F      | LX101      | 2RV21    |



**Lifting Sets ENERPAC**

Include a hydraulic hand pump, and a selection of cylinders that have different stroke lengths.



| Cylinder Nominal Capacity | Cylinder Stroke | Pump Model Number      | Accessory Model Number  | Item No. |
|---------------------------|-----------------|------------------------|---|----------|
| 5 ton                     | 3/8 to 5 in     | 6W461 (Mfr. No. P-142) | 6BU60 (Mfr. No. HC7206), G2535L, GA-3, HF-100, P-142, RC-50, RC-51, RC-55, WR-5                     | 2RV22    |
| 10 ton                    | 3/8 to 6 in     | 6W462 (Mfr. No. P-392) | 6BU60 (Mfr. No. HC7206), C604, G2535L, GA-3, HF-100, P-392, RC-106, RCH-123, RCS-101, RSM-100, WR-5 | 2RV23    |
| 25 ton                    | 3/8 to 6 in     | 3KD31 (Mfr. No. P-802) | 6BU60 (Mfr. No. HC7206), HF-101, G2535L, GA-3, C604, WR-5, RSM-300, RCS-302, RC-256, RCH-302        | 2RV24    |

**Hydraulic Ram & Pump Sets ENERPAC**

Hydraulic rams support heavier loads at higher psi ratings than standard hydraulic cylinders. The manually operated hand pump is portable and can be brought to the workpiece.

spring-loaded and return the load when pressure is released.

**Low Height Ram & Pump Sets**—Low-profile rams have a smaller range than standard rams.

**Hollow Ram & Pump Sets**—Feature ram with a hollow plunger and piston rod that can be used with a threaded rod. The manually operated pump is portable for bringing to the workpiece.

**Standard Ram & Pump Sets**—Manually operated pump attaches to the ram to lift and support heavy loads. Single-acting cylinders are

| Cylinder Nominal Capacity           | Cylinder Stroke | Cylinder Retracted Height | Pump Model Number     | Cylinder Model Number   | Item No. |
|-------------------------------------|-----------------|---------------------------|-----------------------|-------------------------|----------|
| <b>Standard Ram &amp; Pump Sets</b> |                 |                           |                       |                         |          |
| 10 ton                              | 2 1/2 in        | 4.78 in                   | 6W462 (Mfr. No. P392) | 4Z485 (Mfr. No. RC102)  | 5ZL59    |
| 10 ton                              | 6 1/8 in        | 9.75 in                   | 6W462 (Mfr. No. P392) | 4Z486 (Mfr. No. RC106)  | 5ZL60    |
| 10 ton                              | 10 1/8 in       | 13.75 in                  | 6W462 (Mfr. No. P392) | 4Z487 (Mfr. No. RC1010) | 5ZL58    |
| 25 ton                              | 4 in            | 8.5 in                    | 6W462 (Mfr. No. P392) | 3KD46 (Mfr. No. RC254)  | 5ZL62    |
| 25 ton                              | 6 1/4 in        | 10.75 in                  | 6W462 (Mfr. No. P392) | 4Z488 (Mfr. No. RC256)  | 5ZL64    |
| 50 ton                              | 6 1/4 in        | 11.13 in                  | 4Z481 (Mfr. No. P80)  | 4Z489 (Mfr. No. RC506)  | 5ZL65    |



| Cylinder Nominal Capacity             | Cylinder Stroke | Cylinder Retracted Height | Pump Model Number     | Cylinder Model Number   | Item No. |
|---------------------------------------|-----------------|---------------------------|-----------------------|-------------------------|----------|
| <b>Low Height Ram &amp; Pump Sets</b> |                 |                           |                       |                         |          |
| 10 ton                                | 1 1/2 in        | 3.88 in                   | 6W462 (Mfr. No. P392) | 6Z066 (Mfr. No. RCS101) | 4DY8     |
| 20 ton                                | 1 3/4 in        | 3.88 in                   | 6W462 (Mfr. No. P392) | 6Z067 (Mfr. No. RCS201) | 4DY9     |
| 30 ton                                | 2 3/8 in        | 4.63 in                   | 6W462 (Mfr. No. P392) | 6Z068 (Mfr. No. RCS302) | 4DY21    |
| 50 ton                                | 2 1/4 in        | 4.81 in                   | 6W462 (Mfr. No. P392) | 6Z272 (Mfr. No. RCS502) | 4DY22    |
| <b>Hollow Ram &amp; Pump Sets</b>     |                 |                           |                       |                         |          |
| 12 ton                                | 1 3/8 in        | 4.75 in                   | 6W141 (Mfr. No. P142) | 6Z269 (Mfr. No. RCH121) | 3PCY5    |
| 20 ton                                | 2 in            |                           |                       |                         |          |