



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 | Nominal Stroke Length | Effective Push Area | Retracted Height | Series | Item No. |
|--------------------------------------|-----------------------|---------------------|------------------|--------|----------|
| Extreme Environment - Enerpac | | | | | |
| 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 |
| General Purpose - Enerpac | | | | | |
| 5 ton | 3/4 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 | 3/4 in | 2.24 sq in | 3.47 in | RCS | 6Z066 |
| 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 | 8 in | 3.14 sq in | 11.75 in | RC | 3KD43 |
| 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 |
| 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 | 3/4 in | 4.43 sq in | 3.88 in | RCS | 6Z067 |
| 25 ton | 3/4 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 | 6Z068 |
| 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 |

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|------------------------------|-----------------------|---------------------|------------------|--------|----------|
| 30 ton | 15 in | 6.51 sq in | 21.63 in | RR | 23NR35 |
| 50 ton | 2 in | 9.62 sq in | 4.81 in | RCS | 6Z272 |
| 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 | 13 in | 11.06 sq in | 20.06 in | RR | 23NR37 |
| 50 ton | 13 in | 11.04 sq in | 18.13 in | RC | 2NWI1 |
| 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 | 20.65 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 | 44AN47 |
| 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 |
| High Cycle - Enerpac | | | | | |
| 5 ton | 1 in | 0.79 sq in | 7.31 in | RD | 18Y543 |
| 5 ton | 3 in | 0.79 sq in | 9.31 in | RD | 18Y544 |
| 5 ton | 6 in | 4.91 sq in | 16.69 in | RD | 18Y542 |
| 10 ton | 1 in | 1.77 sq in | 8.75 in | RD | 18Y546 |
| 10 ton | 3 in | 1.77 sq in | 10.78 in | RD | 18Y548 |
| 10 ton | 6 in | 0.79 sq in | 12.31 in | RD | 18Y545 |
| 10 ton | 6 in | 1.77 sq in | 13.78 in | RD | 18Y549 |
| 10 ton | 10 in | 1.77 sq in | 17.78 in | RD | 18Y547 |
| 15 ton | 6 in | 3.14 sq in | 15.31 in | RD | 18Y540 |
| 15 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 |
| Lightweight - Enerpac | | | | | |
| 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 | 4PU69 |
| 30 ton | 6 in | 6.85 sq in | 11.06 in | RAC | 4PU69 |
| 50 ton | 2 in | 10.99 sq in | 7.32 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 | RAR | 23NP25 |

| Nominal Capacity | Nominal Stroke Length | Effective Push Area | Retracted Height | Series | Item No. |
|---|-----------------------|---------------------|------------------|--------|----------|
| 50 ton | 4 in | 10.99 sq in | 9.29 in | RAC | 4PU61 |
| 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 | 23NP24 |
| 100 ton | 6 in | 22.19 sq in | 13.83 in | RAC | 23NP21 |
| 100 ton | 6 in | 22.19 sq in | 12.64 in | RAC | 4PU58 |
| 100 ton | 8 in | 22.19 sq in | 15.8 in | RAR | 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 |
| Low Profile - Enerpac | | | | | |
| 5 ton | 3/4 in | 0.99 sq in | 1.28 in | RSM | 6Z782 |
| 10 ton | 3/4 in | 2.15 sq in | 1.08 in | CULP | 55PT75 |
| 10 ton | 3/4 in | 2.15 sq in | 1.4 in | CUSP | 55PT80 |
| 10 ton | 3/4 in | 2.24 sq in | 1.69 in | RSM | 3KD55 |
| 20 ton | 3/4 in | 4.38 sq in | 1.26 in | CULP | 55PT77 |
| 20 ton | 3/4 in | 4.39 sq in | 1.59 in | CUSP | 55PT83 |
| 20 ton | 3/4 in | 4.43 sq in | 2.03 in | RSM | 3KD56 |
| 20 ton | 3/4 in | 23.85 sq in | 2.5 in | CUSP | 55PT81 |
| 30 ton | 3/4 in | 6.85 sq in | 1.38 in | CULP | 55PT78 |
| 30 ton | 3/4 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 | 3/4 in | 12.17 sq in | 1.75 in | CULP | 55PT79 |
| 50 ton | 3/4 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 | 3/4 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 | 3/4 in | 23.85 sq in | 2.55 in | CULP | 55PT76 |
| 100 ton | 3/4 in | 19.63 sq in | 3.38 in | RSM | 5ZL56 |
| 150 ton | 3/4 in | 35.19 sq in | 2.56 in | CUSP | 55PT82 |
| 150 ton | 3/4 in | 30.68 sq in | 3.94 in | RSM | 18Y550 |
| 150 ton | 3/4 in | 30.68 sq in | 3.94 in | RSM | 18Y550 |
| 200 ton | 3/4 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 |
| Low Profile Hand Jack - Westward | | | | | |
| 5 ton | 3/4 in | — | 1.61 in | — | 3CFK6 |
| 10 ton | 3/4 in | — | 2.09 in | — | 3CFK8 |
| 20 ton | 3/4 in | — | 2.4 in | — | 3CFL1 |

Premium Hydraulic Oil

Formulated specifically for use with Enerpac pumps. Anti-sludge, anti-rust, anti-foam additives included.



2RV21

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

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Power Pump Hand Pump Oil—High viscosity index. Not for use in power pumps. Blue color.

Medium viscosity index. Not for use in power pumps. Yellow color.



2RV22

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 | % to 5 in | 6W461 (Mfr. No. P142) | 6BU60 (Mfr. No. HC7206), G2535L, GA-3, HF-100, P-142, RC-50, RC-51, RC-55, WR-5 | 2RV22 |
| 10 ton | % to 6 in | 6W462 (Mfr. No. P-392) | 6BU60 (Mfr. No. HC7206), C604, G2535L, GA-3, HF-100, JB10, P-392, RC-106, RC-123, RCS-101, RSM-100, WR-5 | 2RV23 |
| 25 ton | % to 6 in | 3KD31 (Mfr. No. P-802) | 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. |
|-------------------------------------|-----------------|---------------------------|-----------------------|-------------------------|----------|
| Standard Ram & Pump Sets | | | | | |
| 10 ton | 2 1/2 in | 4.78 in | 6W462 (Mfr. No. P392) | 4Z485 (Mfr. No. RC102) | 5ZL59 |
| 10 ton | 6 1/2 in | 9.75 in | 6W462 (Mfr. No. P392) | 4Z486 (Mfr. No. RC106) | 5ZL60 |
| 10 ton | 10 1/2 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 |



5ZL59

4YDY8

| Cylinder Nominal Capacity | Cylinder Stroke | Cylinder Retracted Height | Pump Model Number | Cylinder Model Number | Item No. |
|---------------------------------------|-----------------|---------------------------|-----------------------|-------------------------|----------|
| Low Height Ram & Pump Sets | | | | | |
| 10 ton | 1 1/2 in | 3.88 in | 6W462 (Mfr. No. P392) | 6Z066 (Mfr. No. RCS101) | 4YDY8 |
| 10 ton | 1 3/4 in | 3.88 in | 6W462 (Mfr. No. P392) | 6Z067 (Mfr. No. RCS201) | 4YDY9 |
| 30 ton | 2 3/4 in | 4.63 in | 6W462 (Mfr. No. P392) | 6Z068 (Mfr. No. RCS302) | 4YDZ1 |
| 50 ton | 2 1/4 in | 4.81 in | 6W462 (Mfr. No. P392) | 6Z272 (Mfr. No. RCS502) | 4YDZ2 |
| Hollow Ram & Pump Sets | | | | | |
| 12 ton | 1 1/2 in | 4.75 in | 6W141 (Mfr. No. P142) | 6Z269 (Mfr. No. RCH121) | 3PCY5 |
| 20 ton | 2 in | 6.31 in | 6W462 (Mfr. No. P392) | 6Z270 (Mfr. No. RCH202) | 3PCY6 |
| 30 ton | 2 1/2 in | 7.03 in | 6W462 (Mfr. No. P392) | 6Z271 (Mfr. No. RCH302) | 3PCY7 |
| 60 ton | 3 in | 9.75 in | 6W462 (Mfr. No. P392) | 5ZL54 (Mfr. No. RCH603) | 3PCY8 |