

Model Shown:

Mechanical Pullers (left), Hydraulic Pullers (right)



- 1 Hydraulic cylinder reacts off shaft enabling jaws to extract object in a controlled manner.
- 2 Mechanical pullers use a center bolt to provide force on the shaft enabling jaws to extract object in a controlled manner.
- 3 T-handle facilitates the opening, closing, locking and aligning of the jaws.
- 4 Safety Cage® guides jaws for quick setup, providing a "vise-like" grip reducing slippage.
- 5 Forged jaws provides superior durability.
- 6 Slim tapered jaws allow for easier gripping and better access to tight spots.
- 7 Optional hydraulic cylinder tips to meet your application needs.
- 8 Wide range of standard and long jaw reach arms to increase your versatility.

Posi-Lock® is a registered trademark of Posi Lock Puller, Inc.

Features

SAFETY CAGE® GUIDES JAWS FOR FAST SET-UP, SOLID CONTACT AND SUPERIOR SAFETY

- With Power Team Posi-Lock®, pulling bearings is a one-person operation. The T-handle and "Safety Cage®" control the jaws at all times. This means that the opening, closing, locking and aligning of the jaws is all done automatically by simply turning the T-handle.
- Hydraulic pullers come with a lift plate for ease of transport and lifting. In addition, ram points of different sizes are available for a variety of applications
- Using a hydraulic puller system adds efficiency and eliminates unsafe practices such as hammering, heating, or prying components to be removed. The cylinder replaces the center bolt function of a manual puller.
- Pullers are used whenever there are tough maintenance challenges. Examples include: Railroads, Steel & Paper Mills, Mines, Oil Fields, Wind Farms, Factories, Power Plants, Shipyards, etc.



Ordering Information



Optional Accessories

MECHANICAL PULLERS

| Order No. | Cap. | Jaw | Bolt Dia. | Reach | Spread | Weight | Order No. | Reach | Spread |
|-----------|---------|------|-----------|-------|--------|--------|---------------------|---------|---------|
| | S. Tons | Qty. | (mm) | (mm) | (mm) | (kg) | | (mm) | (mm) |
| PT202 | 1 | 2 | 7,9 | 57,0 | 82,6 | 0,3 | — | — | — |
| PT203 | 2 | 2 | 9,4 | 76,2 | 127,0 | 0,5 | — | — | — |
| PT204 | 2 | 2 | 12,7 | 102,0 | 127,0 | 1,4 | — | — | — |
| PT206 | 6 | 2 | 15,8 | 152,0 | 178,0 | 3,2 | — | — | — |
| PT208 | 12 | 2 | 19,0 | 203,0 | 305,0 | 5,0 | PT11054 PT11054L | 249/406 | 401/559 |
| PT210 | 14 | 2 | 19,0 | 246,0 | 381,0 | 6,4 | PT11054L | 406 | 559 |
| PT213 | 25 | 2 | 28,5 | 305,0 | 457,0 | 13,6 | PT11354L | 508 | 762 |
| PT216 | 35 | 2 | 32,0 | 356,0 | 635,0 | 22,7 | PT11654L | 660 | 965 |
| PT102 | 1 | 3 | 7,9 | 57,0 | 82,6 | 0,3 | — | — | — |
| PT103 | 2 | 3 | 9,4 | 76,2 | 114,3 | 0,6 | — | — | — |
| PT104 | 5 | 3 | 12,7 | 102,0 | 127,0 | 1,8 | — | — | — |
| PT106 | 10 | 3 | 15,8 | 152,0 | 178,0 | 3,6 | — | — | — |
| PT108 | 17 | 3 | 19,0 | 203,0 | 305,0 | 5,9 | PT11054 PT11054L | 249/406 | 401/559 |
| PT110 | 20 | 3 | 19,0 | 246,0 | 381,0 | 8,2 | PT11054L | 406 | 559 |
| PT113 | 30 | 3 | 28,5 | 305,0 | 457,0 | 18,1 | PT11354L | 508 | 762 |
| PT116 | 40 | 3 | 32,0 | 356,0 | 635,0 | 29,5 | PT11654L | 660 | 965 |

* Long jaws must be ordered in the quantity required. For example, order two PT11054 for the PT208.



Optional Accessories

HYDRAULIC PULLERS (INCL. CYLINDER)

| Order No. | Cap. | Cylinder Included | Jaws | Reach | Spread | Weight | Order No. | Reach | Spread |
|-----------|---------|-------------------|------|-------|--------|--------|---------------------|---------|---------|
| | S. Tons | | Qty. | (mm) | (mm) | (kg) | | (mm) | (mm) |
| PTPHB-206 | 5 | C55C | 2 | 152,4 | 203,2 | 5,4 | — | — | — |
| PTPHB-208 | 10 | C106C | 2 | 203,0 | 305,0 | 12,3 | PT11054 PT11054L | 249/406 | 401/559 |
| PTPHB-210 | 15 | C1510C | 2 | 254,0 | 381,0 | 17,2 | PTPH- 11054L | 406 | 559 |
| PTPHB-213 | 25 | C2514C | 2 | 305,0 | 457,0 | 34,0 | PT11354L | 508 | 762 |
| PTPHB-216 | 50 | C5513C | 2 | 356,0 | 635,0 | 60,3 | PTPH- 21654L | 660 | 965 |
| PTPHB-106 | 5 | C55C | 3 | 152,5 | 203,2 | 6,4 | — | — | — |
| PTPHB-108 | 10 | C106C | 3 | 203,0 | 305,0 | 13,6 | PT11054 PT11054L | 249/406 | 401/559 |
| PTPHB-110 | 15 | C1510C | 3 | 254,0 | 381,0 | 18,1 | PTPH- 11054L | 406 | 559 |
| PTPHB-113 | 25 | C2514C | 3 | 305,0 | 457,0 | 38,6 | PT11354L | 508 | 762 |
| PTPHB-116 | 50 | C5513C | 3 | 356,0 | 635 | 61,2 | PTPH- 11654L | 660 | 965 |

* Long jaws must be ordered in the quantity required. For example, order three PT11054 for the PTPHB-108.

HYDRAULIC BUNDLES (INCL. HAND OR ELECTRIC PUMP)



Hand-Operated



Electric-Operated

Power Team offers a comprehensive line of turnkey Posi-Lock® hydraulic two and three-jaw puller sets.

| 2-Jaw Order No. | 3-Jaw Order No. | Cap. S. Tons | Cylinder Included | Pump Included | Gauge Included | Hose Included | T Adapter Included |
|-----------------|-----------------|--------------|-------------------|---------------|----------------|---------------|--------------------|
| PTPHC-206E | PTPHC-106E | 5 | C55C | P19L | 9040E | 9756E | 9670 |
| PTPHC-208E | PTPHC-108E | 10 | C106C | P19L | 9040E | 9756E | 9670 |
| PTPHC-210E | PTPHC-110E | 15 | C1510C | P59L | 9040E | 9756E | 9670 |
| PTPHC-213E | PTPHC-113E | 25 | C2514C | P159 | 9040E | 9756E | 9670 |
| PTPHC-216E | PTPHC-116E | 50 | C5513C | P460 | 9040E | 9756E | 9670 |

| 2-Jaw Order No.* | 3-Jaw Order No.* | Cap. S. Tons | Cylinder Included | Pump Included | Gauge Included | Hose Included | T Adapter Included |
|------------------|------------------|--------------|-------------------|---------------|----------------|---------------|--------------------|
| PTPHD-206-E220 | PTPHD-106-E220 | 5 | C55C | PE172-E220 | 9040E | 9758E | 9670 |
| PTPHD-208-E220 | PTPHD-108-E220 | 10 | C106C | PE172-E220 | 9040E | 9758E | 9670 |
| PTPHD-210-E220 | PTPHD-110-E220 | 15 | C1510C | PE172-E220 | 9040E | 9758E | 9670 |
| PTPHD-213-E220 | PTPHD-113-E220 | 25 | C2514C | PE172-E220 | 9040E | 9758E | 9670 |
| PTPHD-216-E220 | PTPHD-116-E220 | 50 | C5513C | PE172-E220 | 9040E | 9758E | 9670 |

* Also available in E110

PULLER ACCESSORIES



Storage Transport Cart

Power Team offers accessories to compliment your puller. These accessories conveniently store, transport and position your hydraulic pullers to maximize your productivity.

| Order No. | Puller No. * |
|------------------------|--------------|
| Storage Transport Cart | |
| PTPT-2550 | PTPHB-213 |
| PTPT-2550 | PTPHB-216 |
| PTPT-2550 | PTPHB-113 |
| PTPT-2550 | PTPHB-116 |

* Pullers not included

Note: Accessories only for models shown above.



Versatility and Use



Tapered jaw design allows clamping around bearing for a perfect pull.



Tapered roller bearing on shaft.



Lock on ball grooves and bearing races.

HIGH TONNAGE PULLERS



Power Team Posi-Lock® 100 and 200 ton hydraulic pullers provide maximum extraction force in applications requiring high force removal of large gears, pulleys, wheels, sleeves and other press fit parts. Lifting brackets allow the puller to be removed from the cart and lifted into work places above 1,5 m.

| | Order No.* | Cap. | Jaws | Reach | Spread | Tip Width | Tip Clearance | Tuip Depth | Weight |
|---------------|---------------------|---------|------|-------|--------|-----------|---------------|------------|--------|
| | | S. Tons | Qty. | (mm) | (mm) | (mm) | (mm) | (mm) | (kg) |
| Single-Acting | PTPH-102T-E220 | 100 | 2 | 1270 | 1778 | 32 | 88,9 | 88,9 | 771 |
| | PTPH-100T-E220 | 100 | 3 | 1270 | 1778 | 32 | 88,9 | 88,9 | 885 |
| | PTPH-123T-E220 | 100 | 2/3 | 1270 | 1778 | 32 | 88,9 | 88,9 | 907 |
| | PTPH-102TV-E220** | 100 | 2 | 1270 | 1778 | 32 | 88,9 | 88,9 | 816 |
| Double-Acting | PTPH-102TDA-E220 | 100 | 2 | 1270 | 1778 | 32 | 88,9 | 88,9 | 816 |
| | PTPH-100TDA-E220 | 100 | 3 | 1270 | 1778 | 32 | 88,9 | 88,9 | 930 |
| | PTPH-123TDA-E220 | 100 | 2/3 | 1270 | 1778 | 32 | 88,9 | 88,9 | 953 |
| | PTPH-102DATV-E220** | 100 | 2 | 1270 | 1778 | 32 | 88,9 | 88,9 | 816 |
| | PTPH-200T-E220 | 200 | 4 | 48.00 | 1778 | 32 | 88,9 | 88,9 | 1882 |

* Also available in E110

** Vertical mounted puller.

Note: Each high tonnage puller is equipped with a E220/PE55 Power Pump and a C Series Cylinder for single-acting or RD Series Cylinder on double-acting models.

Note: Pushing adapters sized; 89 mm diameter and lengths 229, 483 & 737 mm are included. Contact factory for other voltage requirements.

PROMOTIONAL GOODS

Showcase your pullers with a branded, reinforced pegboard display in your showroom or shop.



Peg Board Only
Order No. 2008508



Peg Board with Pullers
Order No. PTPM4L

| Kit Components | Description | Order No. | | | | | |
|----------------|---|-----------|--------|--------|-------|-------|---------|
| | | PTPM4 | PTPM4L | PTPM4S | PTPM5 | PTPM6 | PTMPS16 |
| PTP13/16 | TIP PROTECTOR for PT113 / PT213 / PT116 / PT216 | — | — | — | — | — | 4 |
| PTP10 | TIP PROTECTOR PT108 / PT208 / PT110 / PT21 | 1 | 2 | — | 1 | 2 | 4 |
| PTP6 | TIP PROTECTOR for PT106 / PT206 | 2 | 2 | 2 | 2 | 2 | 2 |
| PTP4 | TIP PROTECTOR for PT104 / PT204 | 1 | — | 2 | 1 | 2 | 2 |
| PT216 | PULLER, MANUAL 2-JAW - 35 TON | — | — | — | — | — | 1 |
| PT213 | PULLER, MANUAL 2-JAW - 25 TON | — | — | — | — | — | 1 |
| PT210 | PULLER, MANUAL 2-JAW - 14 TON | — | 1 | — | — | 1 | 1 |
| PT208 | PULLER, MANUAL 2-JAW - 12 TON | — | — | — | — | — | 1 |
| PT206 | PULLER, MANUAL 2-JAW - 6 TON | 1 | 1 | 1 | 1 | 1 | 1 |
| PT204 | PULLER, MANUAL 2 JAW - 2 TON | — | — | 1 | — | 1 | 1 |
| PT203 | PULLER, MANUAL 2-JAW - 2 TON | — | — | — | — | — | 1 |
| PT202 | PULLER, MANUAL 2-JAW - 1 TON | — | — | — | — | — | 1 |
| PT116 | PULLER, MANUAL 3-JAW - 40 TON | — | — | — | — | — | 1 |
| PT113 | PULLER, MANUAL 3-JAW - 30 TON | — | — | — | — | — | 1 |
| PT110 | PULLER, MANUAL 3-JAW - 20 TON | 1 | 1 | — | 1 | 1 | 1 |
| PT108 | PULLER, MANUAL 3-JAW - 17 TON | — | — | — | — | — | 1 |
| PT106 | PULLER, MANUAL 3-JAW - 10 TON | 1 | 1 | 1 | 1 | 1 | 1 |
| PT104 | PULLER, MANUAL 3-JAW - 5 TON | — | — | — | — | — | 1 |
| PT103 | PULLER, MANUAL 3-JAW - 2 TON | — | — | — | 1 | — | 1 |
| PT102 | PULLER, MANUAL 3-JAW - 1 TON | — | — | — | — | — | 1 |
| 2008505 | TOOL BOARD KIT, Posi-LOCK® TOOL SETS | 1 | 1 | 1 | 1 | 2 | 2 |