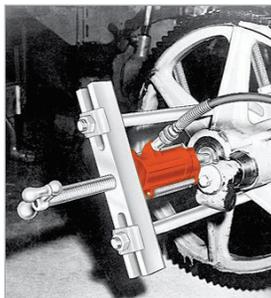
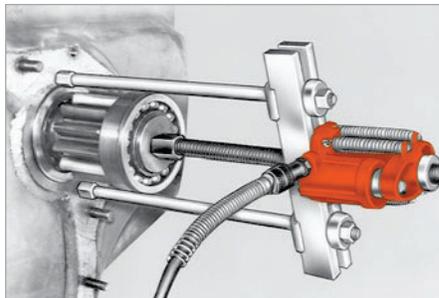


Model Shown:  
**PPH50**



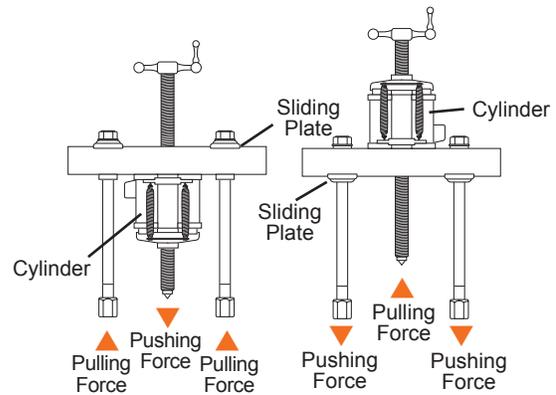
**Features**

**THE POWER TO MAKE IMPOSSIBLE JOBS BECOME ROUTINE.**

- Can apply a hydraulic pushing or pulling force, depending on how the puller is set up.
- Each unit includes perfectly matched hydraulic components that can be detached from the Bi-Directional™ Puller for other tasks requiring dependable power, and assuring maximum return on your investment.
- Optional leg kits adapt your Bi-Directional™ Puller to extra long or extra short reach.
- A wide variety of threaded adapters, bearing pulling attachments and internal pulling attachments can be used in combination with our Bi-Directional™ Pullers.



**ASSEMBLING THE TOOL TO APPLY PUSHING OR PULLING FORCE:**

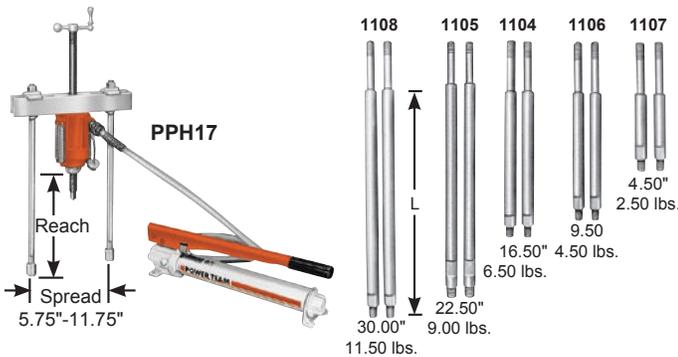


1. Determine if you want the tool's forcing screw to push or pull.
2. To exert pushing force, the forcing nut is installed beneath the cross block, as shown on left.
3. To cause the forcing screw to pull, the forcing nut is placed on top of the cross block.
4. The sliding plates must always be placed on the opposite side of the cross block from the forcing nut.

**SELECTION AND CAPACITY RATING** – Each Bi-Directional™ Puller's specified tonnage "capacity" is determined using its standard legs in tension. Using longer legs, or a setup in which the legs are in compression, will reduce the "capacity." Always select the largest "capacity" puller and the shortest legs that will fit the job.

**POWER-TWIN® CYLINDER** – This unique center-hole cylinder powers each Bi-Directional™ Puller screw runs right between the twin spring cylinder. A basic head allows you to change from a tapped hole to a plain hole by merely changing the head insert.

17.5 TON CAPACITY BI-DIRECTIONAL™ PULLER



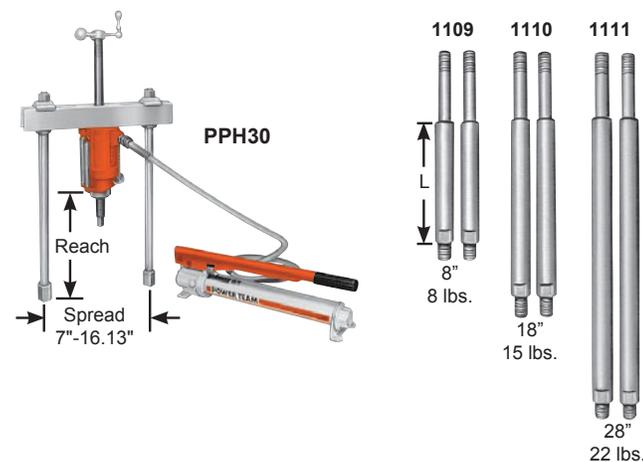
**Leg Ends** – Upper leg ends are threaded 3/4"-16. Lower leg ends are threaded 5/8"-18.00" long

**NOTE:** L = leg length: 4.50", 9.50", 16.50", 22.50", 30.00"; subtract 4.88" from leg length to determine reach when using leg end caps.

Order No.	Description
PPH17	Bi-Directional™ Puller with RT172 center-hole Power-Twin® cylinder, cylinder half coupler, P55 pump, 9767 6-ft. hose, 9798 hose half coupler, 16.50" legs, 24827 leg ends, 1"-8 x 20" large adjusting screw and adjusting crank. Wt., 59.00 lbs.
PPH17R	Bi-Directional™ Puller with RT172 center-hole Power-Twin® cylinder, cylinder half coupler, but without P55 pump, 9767 6-ft. hose and 9798 hose half coupler. Wt., 40.00 lbs.
1062	Puller only. (Cylinder, pump, hose, coupler, screw and crank not included). Wt., 20.00 lbs.

USE WITH:	
Bearing pulling attachment:	1124 and 1130.
Pully Pulling attachment:	679.
Internal Pulling attachment:	1154.
Legs:	1104, 1105, 1106, 1107 and 1108 - Pair of legs for 17.5-ton "capacity" Bi-Directional™ Puller.

30 TON CAPACITY BI-DIRECTIONAL™ PULLER



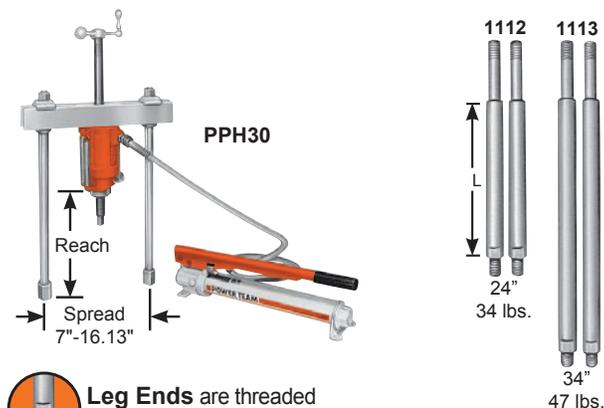
**Leg Ends** are threaded 1"-14 x 1.25" long

**NOTE:** L = leg length: 8.00", 18.00", 28.00"; subtract 5.88" from leg length to determine reach when using leg end caps.

Order No.	Description
PPH30	Bi-Directional™ Puller with RT302 center-hole Power-Twin® cylinder, cylinder half coupler, P55 pump, 9767 6-ft. hose, 9798 hose half coupler, 18" legs, 28390 leg ends, 1 1/4"-7 x 24" lg. adjusting screw and adjusting crank. Wt., 102.00 lbs.
PPH30R	Bi-Directional™ Puller with RT302 center-hole Power-Twin® cylinder, cylinder half coupler, but without P55 pump, 9767 6-ft. hose and 9798 hose half coupler. Wt., 82.00 lbs.
1070	Puller only. (Cylinder, pump, hose, coupler, screw and crank not included). Wt., 42.00 lbs.

USE WITH:	
Bearing pulling attachment:	680 (Use two 8012 adapters to connect to puller.)
Pully Pulling attachment:	679.
Internal Pulling attachment:	1166.
Legs:	1109, 1110 and 1111 - Pair of legs for 30 ton "capacity" Bi-Directional™ Puller.

50 TON CAPACITY BI-DIRECTIONAL™ PULLER



**Leg Ends** are threaded 1 1/4"-12 x 1.75" long

Order No.	Description
PPH50	Bi-Directional™ Puller with RT503 center-hole Power-Twin® cylinder, cylinder half coupler, P55 pump, 9767 6-ft. hose, 9798 hose half coupler, 24" legs, 1 5/8-5 1/2 x 30.38" lg. adjusting screw and adjusting crank. Wt., 201.00 lbs.
PPH50R	Bi-Directional™ Puller with RT503 center-hole Power-Twin® cylinder, cylinder half coupler, but without P55 pump, 9767 6-ft. hose and 9798 hose half coupler. Wt., 181.00 lbs.
1076	Puller only. (Cylinder, pump, hose, coupler, screw and crank not included.) Wt., 106.00 lbs.

USE WITH:	
Bearing pulling attachment:	1128.
Legs:	1112 and 1113 - Pair of legs for 50 ton "capacity" Bi-Directional™ Puller.

Pullers