



**High Force Hydraulic Railroad
Maintenance Tools and Equipment**

Rail Industry

SPXFLOW

>Power Team[®]
powerteam.com

Rail Industry– Hydraulic Pumps, Cylinders, Jacks & Tools



Cylinders

- General Purpose Cylinders, single acting, 5, 10, 15, 25, 55, 75, and 100 ton, strokes ranging from 1" to 16" (25.4 to 406.4 mm).
- Aluminum Cylinders, single acting, locking collar option, 20, 30, 55, and 100 ton, strokes ranging from 2" to 10" (50.8 to 254 mm).
- Center Hole, single and double acting, 10, 12, 20, 30, 50, 60, 100, 150, and 200 ton, strokes ranging from 1" to 10" (25.4 to 254 mm).

Hand Pumps

- Use with single or double acting cylinders with one or two-speed; 10,000 psi (700 bar) (max)
- 12 in³ to 2.5 gal. (197 cm³ to 9.5 L) oil capacity.
- Volume per stroke from 0.069 to 0.3 in³ (1.1 to 4.9 cm³).
- Light aluminum version available for some models.



Electric Pumps

- 10,000 psi. (700 bar) max pressure output.
- Oil flow ranging from 16 to 420 in³/min. (262 to 6,883 cm³/min.) at max pressure output.
- Accessories available: hoses, gauges, manifolds, valves, coolers, motor controls, carts, etc.



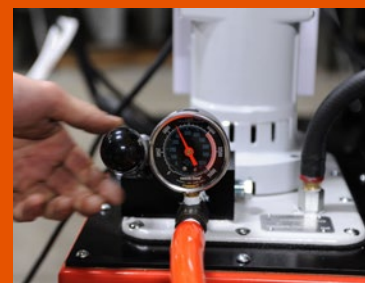
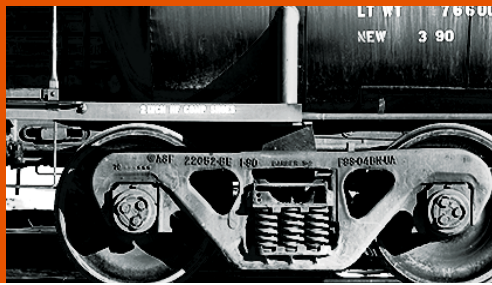
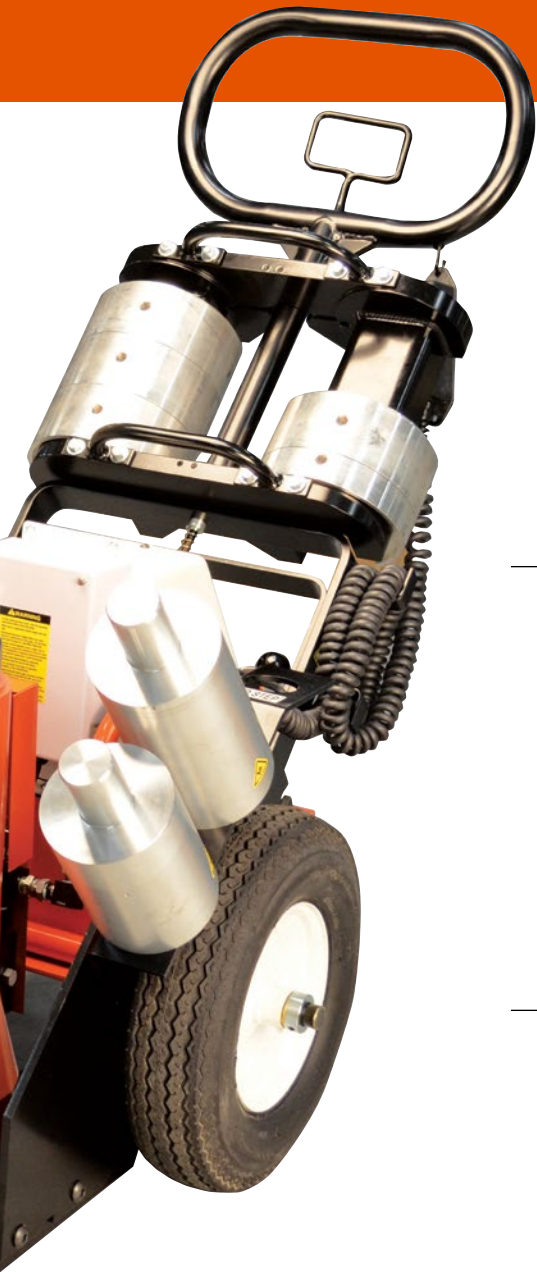
Bearing Maintenance

- Mechanical and Hydraulic versions from 1 to 200 ton.
- Railroad axle journal roller bearing puller/installer with 100 ton capacity using a double acting hydraulic cylinder.
- Accessories/adapters available for servicing common bearing assemblies.



Rail Jacks

- 100 ton, strokes of 14" & 24" with retracted height of 24" (939.8 mm) respectively.
- Two power source versions (220VAC) Electric (PE55) & Hydraulic.
- Extensions (5", 7", 9", 11", 12", 13", 14", 15", 16", 18", 20", 22", 24", 26", 28", 30", 32", 34", 36", 38", 40", 42", 44", 46", 48", 50", 52", 54", 56", 58", 60", 62", 64", 66", 68", 70", 72", 74", 76", 78", 80", 82", 84", 86", 88", 90", 92", 94", 96", 98", 100") (25.4, 63.5, 101.6, 140, 177.8, 215.9, 254, 292.1, 330.3, 368.3, 406.4, 444.5, 482.6, 520.7, 558.8, 596.9, 635, 673.1, 711.2, 749.3, 787.4, 825.5, 863.6, 901.7, 939.8, 977.9, 1016, 1054.1, 1092.2, 1130.3, 1168.4, 1206.5, 1244.6, 1282.7, 1320.8, 1358.9, 1397, 1435.1, 1473.2, 1511.3, 1549.4, 1587.5, 1625.6, 1663.7, 1701.8, 1739.9, 1778, 1816.1, 1854.2, 1892.3, 1930.4, 1968.5, 2006.6, 2044.7, 2082.8, 2120.9, 2159, 2197.1, 2235.2, 2273.3, 2311.4, 2349.5, 2387.6, 2425.7, 2463.8, 2501.9, 2540, 2578.1, 2616.2, 2654.3, 2692.4, 2730.5, 2768.6, 2806.7, 2844.8, 2882.9, 2921, 2959.1, 2997.2, 3035.3, 3073.4, 3111.5, 3149.6, 3187.7, 3225.8, 3263.9, 3302, 3340.1, 3378.2, 3416.3, 3454.4, 3492.5, 3530.6, 3568.7, 3606.8, 3644.9, 3683, 3721.1, 3759.2, 3797.3, 3835.4, 3873.5, 3911.6, 3949.7, 3987.8, 4025.9, 4064, 4102.1, 4140.2, 4178.3, 4216.4, 4254.5, 4292.6, 4330.7, 4368.8, 4406.9, 4445, 4483.1, 4521.2, 4559.3, 4597.4, 4635.5, 4673.6, 4711.7, 4749.8, 4787.9, 4826, 4864.1, 4902.2, 4940.3, 4978.4, 5016.5, 5054.6, 5092.7, 5130.8, 5168.9, 5207, 5245.1, 5283.2, 5321.3, 5359.4, 5397.5, 5435.6, 5473.7, 5511.8, 5549.9, 5588, 5626.1, 5664.2, 5702.3, 5740.4, 5778.5, 5816.6, 5854.7, 5892.8, 5930.9, 5969, 6007.1, 6045.2, 6083.3, 6121.4, 6159.5, 6197.6, 6235.7, 6273.8, 6311.9, 6350, 6388.1, 6426.2, 6464.3, 6502.4, 6540.5, 6578.6, 6616.7, 6654.8, 6692.9, 6731, 6769.1, 6807.2, 6845.3, 6883.4, 6921.5, 6959.6, 6997.7, 7035.8, 7073.9, 7112, 7150.1, 7188.2, 7226.3, 7264.4, 7302.5, 7340.6, 7378.7, 7416.8, 7454.9, 7493, 7531.1, 7569.2, 7607.3, 7645.4, 7683.5, 7721.6, 7759.7, 7797.8, 7835.9, 7874, 7912.1, 7950.2, 7988.3, 8026.4, 8064.5, 8102.6, 8140.7, 8178.8, 8216.9, 8255, 8293.1, 8331.2, 8369.3, 8407.4, 8445.5, 8483.6, 8521.7, 8559.8, 8597.9, 8636, 8674.1, 8712.2, 8750.3, 8788.4, 8826.5, 8864.6, 8902.7, 8940.8, 8978.9, 9017, 9055.1, 9093.2, 9131.3, 9169.4, 9207.5, 9245.6, 9283.7, 9321.8, 9359.9, 9398, 9436.1, 9474.2, 9512.3, 9550.4, 9588.5, 9626.6, 9664.7, 9702.8, 9740.9, 9779, 9817.1, 9855.2, 9893.3, 9931.4, 9969.5, 10007.6, 10045.7, 10083.8, 10121.9, 10160, 10198.1, 10236.2, 10274.3, 10312.4, 10350.5, 10388.6, 10426.7, 10464.8, 10502.9, 10541, 10579.1, 10617.2, 10655.3, 10693.4, 10731.5, 10769.6, 10807.7, 10845.8, 10883.9, 10922, 10960.1, 11001.6, 11043.2, 11084.8, 11126.4, 11168, 11209.6, 11251.2, 11292.8, 11334.4, 11376, 11417.6, 11459.2, 11500.8, 11542.4, 11584, 11625.6, 11667.2, 11708.8, 11750.4, 11792, 11833.6, 11875.2, 11916.8, 11958.4, 12000, 12041.6, 12083.2, 12124.8, 12166.4, 12208, 12249.6, 12291.2, 12332.8, 12374.4, 12416, 12457.6, 12499.2, 12540.8, 12582.4, 12624, 12665.6, 12707.2, 12748.8, 12790.4, 12832, 12873.6, 12915.2, 12956.8, 13004.8, 13046.4, 13088, 13129.6, 13171.2, 13212.8, 13254.4, 13296, 13337.6, 13379.2, 13420.8, 13462.4, 13504, 13545.6, 13587.2, 13628.8, 13670.4, 13712, 13753.6, 13795.2, 13836.8, 13878.4, 13920, 13961.6, 14003.2, 14044.8, 14086.4, 14128, 14169.6, 14211.2, 14252.8, 14294.4, 14336, 14377.6, 14419.2, 14460.8, 14502.4, 14544, 14585.6, 14627.2, 14668.8, 14710.4, 14752, 14793.6, 14835.2, 14876.8, 14918.4, 14960, 15001.6, 15043.2, 15084.8, 15126.4, 15168, 15209.6, 15251.2, 15292.8, 15334.4, 15376, 15417.6, 15459.2, 15500.8, 15542.4, 15584, 15625.6, 15667.2, 15708.8, 15750.4, 15792, 15833.6, 15875.2, 15916.8, 15958.4, 16000, 16041.6, 16083.2, 16124.8, 16166.4, 16208, 16249.6, 16291.2, 16332.8, 16374.4, 16416, 16457.6, 16499.2, 16540.8, 16582.4, 16624, 16665.6, 16707.2, 16748.8, 16790.4, 16832, 16873.6, 16915.2, 16956.8, 17004.8, 17046.4, 17088, 17129.6, 17171.2, 17212.8, 17254.4, 17296, 17337.6, 17379.2, 17420.8, 17462.4, 17504, 17545.6, 17587.2, 17628.8, 17670.4, 17712, 17753.6, 17795.2, 17836.8, 17878.4, 17920, 17961.6, 18003.2, 18044.8, 18086.4, 18128, 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47168, 47209.6, 47251.2, 47292.8, 47334.4, 47376, 47417.6, 47459.2, 47500.8, 47542.4, 47584, 47625.6, 47667.2, 47708.8, 47750.4, 47792, 47833.6, 47875.2, 47916.8, 47958.4, 48000, 48041.6, 48083.2, 48124.8, 48166.4, 48208, 48249.6, 48291.2, 48332.8, 48374.4, 48416, 48457.6, 48499.2, 48540.8, 48582.4, 48624, 48665.6, 48707.2, 48748.8, 48790.4, 48832, 48873.6, 48915.2, 48956.8, 49004.8, 49046.4, 49088, 49129.6, 49171.2, 49212.8, 49254.4, 49296, 49337.6, 49379.2, 49420.8, 49462.4, 49504, 49545.6, 49587.2, 49628.8, 49670.4, 49712, 49753.6, 49795.2, 49836.8, 49878.4, 49920, 49961.6, 50003.2, 50044.8, 50086.4, 50128, 50169.6, 50211.2, 50252.8, 50294.4, 50336, 50377.6, 50419.2, 50460.8, 50502.4, 50544, 50585.6, 50627.2, 50668.8, 50710.4, 50752, 50793.6, 50835.2, 50876.8, 50918.4, 50960, 51001.6, 51043.2, 51084.8, 51126.4, 51168, 51209.6, 51251.2, 51292.8, 51334.4, 51376, 51417.6, 51459.2, 51500.8, 51542.4, 51584, 51625.6, 51667.2, 51708.8, 51750.4, 51792, 51833.6, 51875.2, 51916.8, 51958.4, 52000, 52041.6, 52083.2, 52124.8, 5216



Inflatable Jacks

- Uninflated jacks are less than 1" (25.4 mm) thick.
- Reinforced rubber jack with capacity up to 74 ton and lifting heights up to 20.5" (520.7 mm).
- Protruding hex NPT fitting allows an easy field replacement of air fitting connection.



7" (355.6 mm & 685.8 mm)
and 37" (609.6 mm &

available: 110/115VAC
and Air (PA55).

14", and 18") (127, 177.8,
57.2 mm), Cribbing Blocks
(6.2, 127 and 254 mm),



Bolting Systems

- Torque Wrenches: Low Clearance and Square Drive with capacities of 28,800 ft-lb (39,024 Nm) and 24,700 ft-lb (33,496 Nm) respectively.
- Light, compact design, low number of moving parts.
- 360° reaction arm for easy operation.
- Nut Splitters and Flange Spreaders also available.



Gas Pumps

- Compact versions provide 28-55 in³/min (459-901 cm³/min) flows at 10,000 psi (700 bar).
- Large versions flow is between 130 and 420 in³/min (2,130 and 6,883 cm³/min) at 10,000 psi (700 bar).
- Suitable for single or double acting cylinders.



Presses

- H-Frame units with capacity up to 200 ton.
- Roll Bed option available.
- Multiple options for electrical power source and choice of using single or double acting cylinders.
- Press Accessories add versatility while eliminating makeshift set-ups.



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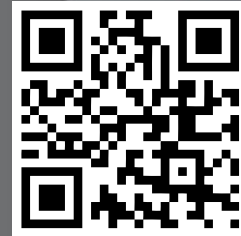
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