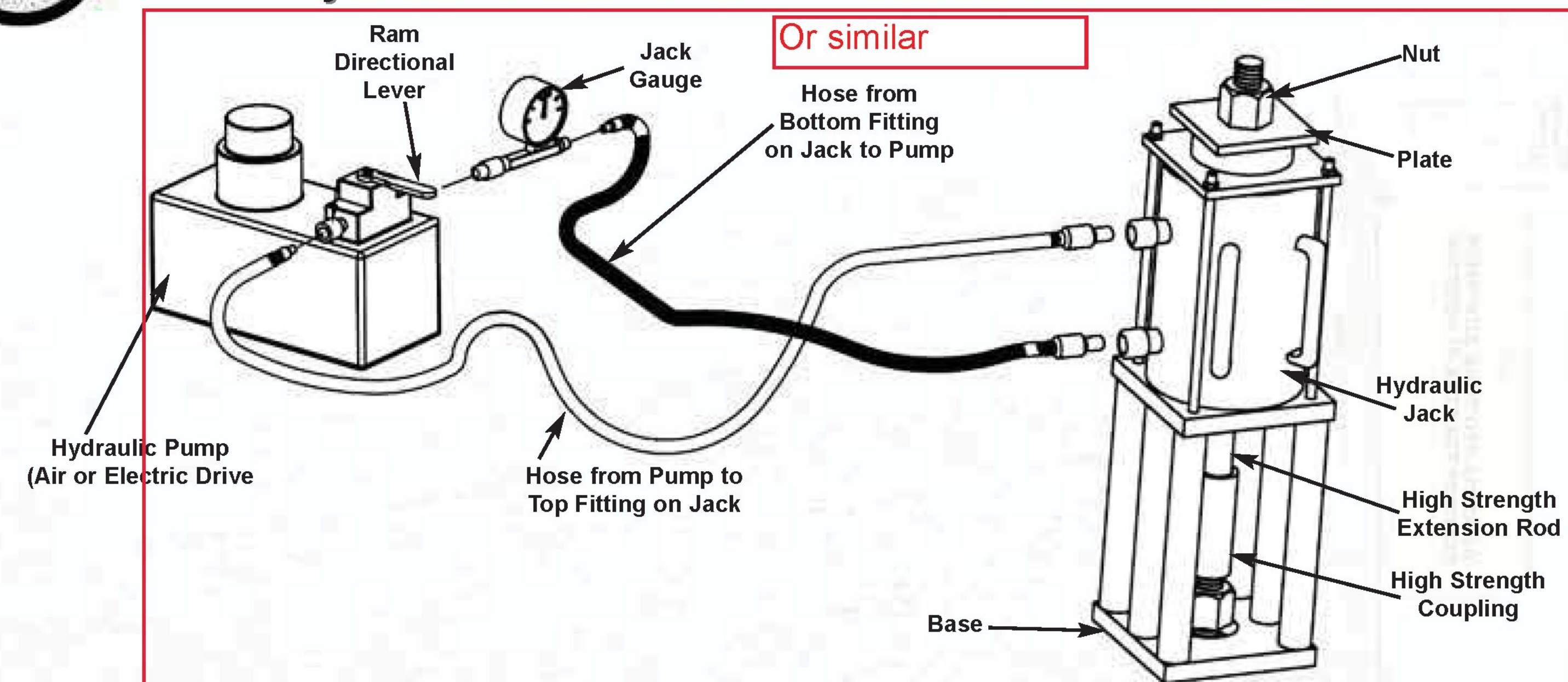




Installation Equipment

Hydraulic Jacks for Threaded Bar Anchors



T7Z Open Frame Hydraulic Jacks

Used for testing and pre-stressing All-Thread-Bars. Available with up to 5-1/8" center hole. Unit comes with ram, pump, gauge, hoses, jack stand, high strength coupling, high strength test rod, plate, hex nut and knocker wrench.



Jack Capacity	Pump Method	Ram Height	Base Size	Ram Travel	Minimum Total Ram & Frame Height	Maximum Test Rod Diameter	Ram Area	Approx. Total Ram & Frame Weight
10 tons (89 kN)	Hand Single Acting	5-5/16" (135 mm)	3" Diameter (76 mm)	2-1/2" (64 mm)	8-3/8" (213 mm)	3/4" (19 mm)	2.12 in ² (1,368 mm ²)	12 lbs. (5.4 kg)
30 tons (267 kN)	Hand Single Acting	6-1/16" (154 mm)	8" x 8" (203 x 203 mm)	3" (76 mm)	19" (483 mm)	1-1/4" (32 mm)	5.89 in ² (3,800 mm ²)	80 lbs. (36 kg)
60 tons (534 kN)	Hand, Air, or Electric Double Acting	9-1/2" (241 mm)	8" x 8" (203 x 203 mm)	5" (127 mm)	29" (737 mm)	2" (51 mm)	12.31 in ² (7,942 mm ²)	153 lbs. (69 kg)
60 tons (534 kN)	Hand, Air, or Electric Double Acting	12-3/4" (324 mm)	9" x 9" (228 x 228 mm)	6-1/2" (165 mm)	29" (737 mm)	2" (51 mm)	12.73 in ² (8,213 mm ²)	225 lbs. (102 kg)
100 tons (890 kN)	Air or Electric Double Acting	13-1/2" (343 mm)	9" x 9" (228 x 228 mm)	6" (152 mm)	35" (889 mm)	3-1/8" (79 mm)	20.63 in ² (13,310 mm ²)	270 lbs. (123 kg)
100 tons (890 kN)	Air or Electric Double Acting	12-3/8" (314 mm)	9" x 9" (228 x 228 mm)	6" (152 mm)	28" (711 mm)	2" (51 mm)	20.03 in ² (12,923 mm ²)	192 lbs. (87 kg)
150 tons (1334 kN)	Air or Electric Double Acting	12-1/4" (311 mm)	12" x 12" (305 x 305 mm)	5" (127 mm)	32-1/4" (819 mm)	2-1/2" (64 mm)	30.1 in ² (19,419 mm ²)	350 lbs. (159 kg)
200 tons (1779 kN)	Air or Electric Double Acting	16" (406 mm)	12" x 12" (305 x 305 mm)	8" (203 mm)	34" (864 mm)	4" (102 mm)	40.45 in ² (26,097 mm ²)	518 lbs. (235 kg)
300 tons (2670 kN)	Electric Double Acting	27-1/2" (699 mm)	15" Dia. (381 mm)	15" (381 mm)	50-1/2" (1283 mm)	5-3/8" (137 mm)	78.5 in ² (50,645 mm ²)	1,400 lbs. (635 kg)
400 tons (3558 kN)	Electric Double Acting	18-3/4" (476 mm)	15" Dia. (381 mm)	6" (152 mm)	45-3/4" (1162 mm)	4-1/4" (108 mm)	91.5 in ² (59,032 mm ²)	1,300 lbs. (590 kg)
400 tons (3558 kN)	Electric Double Acting	20-3/8" (518 mm)	17" Dia. (432 mm)	8" (203 mm)	49" (1245 mm)	5" (127 mm)	118.2 in ² (76,258 mm ²)	1,500 lbs. (680 kg)

T80 Post-Tension Hydraulic Jacks

With the T80 series the enclosed bearing housing contains a geared socket drive to tighten the bolt hex nut during tensioning. Test jack housing will accommodate up to a 16" deep pocket (The 200 ton accommodates a 14-1/2" pocket).



Jack Capacity	Pump Method	Ram Height	Base Size	Ram Travel	Minimum Total Ram & Frame Height	Maximum Test Rod Diameter	Ram Area	Approx. Total Ram & Frame Weight
60 tons (534 kN)	Hand, Air, or Electric Double Acting	9-1/2" (241 mm)	GearBox: 8.5" x 20.5" (215 x 520 mm)	5" (127 mm)	33" (838 mm)	2" (51 mm)	12.31 in ² (7,942 mm ²)	122 lbs. (55 kg)
60 tons (534 kN)	Hand, Air, or Electric Double Acting	12-3/4" (324 mm)	Cylinder: 3.63" Dia. (92 mm Dia.)	6-1/2" (165 mm)	36" (914 mm)	2" (51 mm)	12.73 in ² (8,213 mm ²)	225 lbs. (102 kg)
100 tons (890 kN)	Air or Electric Double Acting	13-1/2" (343 mm)	GearBox: 8.5" x 20.5" (216 x 520 mm)	6" (152 mm)	39" (990 mm)	3-1/8" (79 mm)	20.63 in ² (13,310 mm ²)	270 lbs. (123 kg)
150 tons (1334 kN)	Air or Electric Double Acting	12-1/4" (311 mm)	Cylinder: 4.63" Dia. (118 mm Dia.)	5" (127 mm)	28" (965 mm)	2-1/2" (64 mm)	30.1 in ² (19,419 mm ²)	243 lbs. (110 kg)
200 tons (1779 kN)	Air or Electric Double Acting	16" (406 mm)	Frame: 11" x 11" x 19.75" Nose: 7" Dia.	8" (203 mm)	43" (1097 mm)	4" (102 mm)	40.45 in ² (26,097 mm ²)	455 lbs. (203 kg)

Certification of gauge accuracy available on request prior to shipment only.