

## SPECIFICATIONS, P80

Trench box Length Width Height Height Hom base to centerline of bore Width Height WP80 installed Operating weight w/ P80 and 42 4-foot rods Back brace Length, min. to max. Vidth Height from base to centerline of bore Level adjustment height Weight is back brace Length, min. to max.  72 in - 100 in 1810 mm - 2500 mm Width 17 in 18 in 450 mm Height from base to centerline of bore Level adjustment height Weight, back brace Operating weight with basic unit T-Bar Cylinder diameter T-Bar width T-Bar height Base to cylinder centerline Height, Wout handle Length, T-bar installed with cylinder retracted Width, T-bar Push rod diameter Neight, T-bar Weight, T-bar Operating Weight, T-Bar Neight Department Stroke, each cycle Bore diameter, max Weight, T-Bar W	DIMENSIONS	U.S.	METRIC
Width         36 in         920 mm           Height         48 in         1220 mm           Height from base to centerline of bore         8.4 in         213 mm           Weight         930 lb         420 kg           Operating weight w/ P80 installed         1240 lb         560 kg           Operating weight w/ P80 and 42 4-foot rods         2700 lb         1225 kg           Back brace         1225 kg         1225 kg           Length, min. to max.         72 in - 100 in         1800 mm - 2500 mm           Width         17 in         430 mm           Height         18 in         450 mm           Height from base to centerline of bore         7.6 in         190 mm           Level adjustment height         6 in         150 mm           Weight, back brace         440 lb         200 kg           Operating weight with basic unit         704 lb         320 kg           T-Bar         20 lm         200 mm           T-Bar width         5.8 in         145 mm	Trench box		
Height	Length		
Height from base to centerline of bore         8.4 in         213 mm           Weight wight wig	Width	36 in	920 mm
Weight         930 lb         420 kg           Operating weight w/ P80 installed         1240 lb         560 kg           Operating weight w/ P80 and 42 4-foot rods         270 lb         1225 kg           Back brace         To In - 100 in         1800 mm - 2500 mm           Length, min. to max.         72 in - 100 in         1800 mm - 2500 mm           Width         17 in         430 mm           Height         18 in         450 mm           Height from base to centerline of bore         7.6 in         190 mm           Level adjustment height         6 in         150 mm           Weight, back brace         440 lb         200 kg           Operating weight with basic unit         704 lb         320 kg           T-Bar         To In         300 mm           Cylinder diameter         8 in         200 mm           Cylinder diameter         8 in         200 mm           T-Bar height         12 in         300 mm           Base to cylinder centerline         7.2 in         300 mm           Height, wout handle         16 in         40 mm           Length, T-bar installed with cylinder retracted         42 in         1050 mm           Width, T-bar         72 in         1800 mm	Height		
Operating weight w/ P80 installed         1240 lb         560 kg           Operating weight w/ P80 and 42 4-foot rods         2700 lb         1225 kg           Back brace	Height from base to centerline of bore	8.4 in	213 mm
Operating weight w/ P80 and 42 4-foot rods         2700 lb         1225 kg           Back brace         1800 mm - 2500 mm         1800 mm - 2500 mm           Length, min. to max.         72 in - 100 in         1800 mm - 2500 mm           Width         17 in         430 mm           Height         18 in         450 mm           Height from base to centerline of bore         7.6 in         190 mm           Level adjustment height         6 in         150 mm           Weight, back brace         440 lb         200 kg           Operating weight with basic unit         704 lb         320 kg           T-Bar         704 lb         320 kg           Cylinder diameter         8 in         200 mm           T-Bar width         5.8 in         145 mm           Height, wout handle         16 in         40 mm           Length, T-bar width cylinder retracted         42 in	Weight	930 lb	420 kg
Back brace         Length, min. to max.         72 in - 100 in         1800 mm - 2500 mm           Width         17 in         430 mm           Height         18 in         450 mm           Height from base to centerline of bore         7.6 in         190 mm           Level adjustment height         6 in         150 mm           Weight, back brace         440 lb         200 kg           Operating weight with basic unit         704 lb         320 kg           T-Bar         72 lin         300 mm           T-Bar width         5.8 in         145 mm           T-Bar height         12 in         300 mm           Base to cylinder centerline         7.2 in         300 mm           Height, Wout handle         16 in         400 mm           Length, T-bar installed with cylinder retracted         42 in         1050 mm           Width, T-bar         72 in         1800 mm           Push rod diameter         1.75 in         44 mm           Weight, basic unit         253 lb         115 kg           Weight, T-bar         204 lb         93 kg           Operating weight         462 lb         210 kg           Operating weight         452 lb         210 kg           Operating wei	Operating weight w/ P80 installed	1240 lb	560 kg
Length, min. to max.       72 in - 100 in       1800 mm - 2500 mm         Width       17 in       430 mm         Height       18 in       450 mm         Height from base to centerline of bore       7.6 in       190 mm         Level adjustment height       6 in       150 mm         Weight, back brace       440 lb       200 kg         Operating weight with basic unit       704 lb       320 kg         T-Bar       7.2 in       300 mm         Cylinder diameter       8 in       200 mm         T-Bar width       5.8 in       145 mm         T-Bar width       12 in       300 mm         T-Bar height       12 in       300 mm         Base to cylinder centerline       7.2 in       300 mm         Height, Wout handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       515 kg       115 kg         Stroke, each cycle       9 in       229 mm	Operating weight w/ P80 and 42 4-foot rods	2700 lb	1225 kg
Width       17 in       430 mm         Height       18 in       450 mm         Height from base to centerline of bore       7.6 in       190 mm         Level adjustment height       6 in       150 mm         Weight, back brace       440 lb       200 kg         Operating weight with basic unit       704 lb       320 kg         T-Bar       200 mm       200 mm         T-Bar width       5.8 in       145 mm         T-Bar width       12 in       300 mm         T-Bar height       12 in       300 mm         Base to cylinder centerline       7.2 in       300 mm         Height, wout handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, Dasic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operating weight       462 lb       210 kg         Operating weight       462 lb       210 kg         Operating weight       462 lb       29 mm <t< td=""><td>Back brace</td><td></td><td></td></t<>	Back brace		
Height Height from base to centerline of bore	Length, min. to max.	72 in - 100 in	1800 mm - 2500 mm
Height from base to centerline of bore   7.6 in   190 mm     Level adjustment height   6 in   150 mm     Weight, back brace   440 lb   200 kg     Operating weight with basic unit   704 lb   320 kg     T-Bar     Cylinder diameter   8 in   200 mm     T-Bar width   5.8 in   145 mm     T-Bar height   12 in   300 mm     Base to cylinder centerline   7.2 in   300 mm     Height, wout handle   16 in   400 mm     Length, T-bar installed with cylinder retracted   42 in   1050 mm     Width, T-bar   175 in   1800 mm     Push rod diameter   1.75 in   1800 mm     Push rod diameter   1.75 in   44 mm     Weight, basic unit   253 lb   115 kg     Weight, T-bar   204 lb   93 kg     Operation   Stroke, each cycle   9 in   229 mm     Bore diameter, max   13 in   325 mm     Weight, T-Bar   204 lb   93 kg     Hydraulic flow, min. to max   5 gpm - 20 gpm   20 L/min - 75 L/min     Hydraulic pressure, max   2500 psi   1723.8 bar     Hydraulic pressure, max   2500 psi   1723.8 bar   1500 psi   1723.8 bar     Hydraulic pressure, max   2500 psi   1723.8 bar   1500 psi   1723.8 bar   1723.8 bar   1723.8 bar   1723.8 bar   1723.8 bar   1723.8 bar	Width	17 in	430 mm
Level adjustment height       6 in       150 mm         Weight, back brace       440 lb       200 kg         Operating weight with basic unit       704 lb       320 kg         T-Bar       T-Bar       8 in       200 mm         T-Bar width       5.8 in       145 mm         T-Bar height       12 in       300 mm         Base to cylinder centerline       7.2 in       300 mm         Height, wout handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operation       204 lb       93 kg         Operation       253 lb       115 kg         Stroke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic flow, min. to max.	Height	18 in	450 mm
Weight, back brace       440 lb       200 kg         Operating weight with basic unit       704 lb       320 kg         T-Bar       Cylinder diameter       8 in       200 mm         T-Bar width       5.8 in       145 mm         T-Bar height       12 in       300 mm         Base to cylinder centerline       7.2 in       300 mm         Height, Wout handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operation       210 kg         Operation       229 mm         Bore diameter, max.       13 in       325 mm         Weight, Dasic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Height from base to centerline of bore	7.6 in	190 mm
Operating weight with basic unit         704 lb         320 kg           T-Bar         Cylinder diameter         8 in         200 mm           T-Bar width         5.8 in         145 mm           T-Bar height         12 in         300 mm           Base to cylinder centerline         7.2 in         300 mm           Height, w/out handle         16 in         400 mm           Length, T-bar installed with cylinder retracted         42 in         1050 mm           Width, T-bar         72 in         1800 mm           Push rod diameter         1.75 in         44 mm           Weight, basic unit         253 lb         115 kg           Weight, T-bar         204 lb         93 kg           Operation         210 kg           Stroke, each cycle         9 in         229 mm           Bore diameter, max.         13 in         325 mm           Weight, basic unit         253 lb         115 kg           Weight, T-Bar         204 lb         93 kg           Hydraulic flow, min. to max.         5 gpm - 20 gpm         20 L/min - 75 L/min           Hydraulic pressure, max.         2500 psi         1723.8 bar	Level adjustment height	6 in	150 mm
T-Bar  Cylinder diameter 8 in 200 mm  T-Bar width 5.8 in 145 mm  T-Bar height 12 in 300 mm  Base to cylinder centerline 7.2 in 300 mm  Height, wout handle 16 in 400 mm  Length, T-bar installed with cylinder retracted 42 in 1050 mm  Width, T-bar 72 in 1800 mm  Push rod diameter 1.75 in 44 mm  Weight, basic unit 253 lb 115 kg  Weight, T-bar 204 lb 93 kg  Operating weight 204 lb 93 kg  Operation Stroke, each cycle 9 in 229 mm  Bore diameter, max. 13 in 325 mm  Weight, basic unit 253 lb 115 kg  Weight, T-Bar 204 lb 93 kg  Hydraulic flow, min. to max. 5 gpm - 20 gpm 20 L/min - 75 L/min  Hydraulic pressure, max. 2500 psi 1723.8 bar	Weight, back brace	440 lb	200 kg
Cylinder diameter       8 in       200 mm         T-Bar width       5.8 in       145 mm         T-Bar height       12 in       300 mm         Base to cylinder centerline       7.2 in       300 mm         Height, W/out handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operation       220 kg         Operation       9 in       229 mm         Stroke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Operating weight with basic unit	704 lb	320 kg
T-Bar width T-Bar height 12 in 300 mm Base to cylinder centerline 7.2 in 300 mm Height, w/out handle 16 in 400 mm Length, T-bar installed with cylinder retracted 42 in 1050 mm Width, T-bar Push rod diameter 1.75 in 44 mm Weight, basic unit 253 lb 115 kg Weight, T-bar Operating weight Operation Stroke, each cycle Bore diameter, max. Weight, basic unit Weight, basic unit 253 lb 115 kg 93 kg Operation Stroke, each cycle 9 in 229 mm Bore diameter, max. 13 in 325 mm Weight, basic unit 253 lb 115 kg Weight, T-Bar 204 lb 93 kg Hydraulic flow, min. to max. 5 gpm - 20 gpm 20 L/min - 75 L/min Hydraulic pressure, max.	T-Bar		
T-Bar height 12 in 300 mm  Base to cylinder centerline 7.2 in 300 mm  Height, w/out handle 16 in 400 mm  Length, T-bar installed with cylinder retracted 42 in 1050 mm  Width, T-bar 72 in 1800 mm  Push rod diameter 1.75 in 44 mm  Weight, basic unit 253 lb 115 kg  Weight, T-bar 204 lb 93 kg  Operating weight 462 lb 210 kg  Operation Stroke, each cycle 9 in 229 mm  Bore diameter, max. 13 in 325 mm  Weight, basic unit 253 lb 115 kg  Weight, T-Bar 204 lb 93 kg  Hydraulic flow, min. to max. 5 gpm - 20 gpm 20 L/min - 75 L/min  Hydraulic pressure, max. 2500 psi 1723.8 bar	Cylinder diameter	8 in	200 mm
Base to cylinder centerline       7.2 in       300 mm         Height, w/out handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operation       210 kg         Operation       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	T-Bar width	5.8 in	145 mm
Height, wout handle       16 in       400 mm         Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operation Stroke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	T-Bar height	12 in	300 mm
Length, T-bar installed with cylinder retracted       42 in       1050 mm         Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       5troke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Base to cylinder centerline	7.2 in	300 mm
Width, T-bar       72 in       1800 mm         Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       5troke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Height, w/out handle	16 in	400 mm
Push rod diameter       1.75 in       44 mm         Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       5troke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Length, T-bar installed with cylinder retracted	42 in	1050 mm
Weight, basic unit       253 lb       115 kg         Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       Stroke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Width, T-bar	72 in	1800 mm
Weight, T-bar       204 lb       93 kg         Operating weight       462 lb       210 kg         Operation       5troke, each cycle       9 in       229 mm         Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Push rod diameter	1.75 in	44 mm
Operating weight         462 lb         210 kg           Operation         Stroke, each cycle         9 in         229 mm           Bore diameter, max.         13 in         325 mm           Weight, basic unit         253 lb         115 kg           Weight, T-Bar         204 lb         93 kg           Hydraulic flow, min. to max.         5 gpm - 20 gpm         20 L/min - 75 L/min           Hydraulic pressure, max.         2500 psi         1723.8 bar	Weight, basic unit	253 lb	115 kg
Operation         9 in         229 mm           Bore diameter, max.         13 in         325 mm           Weight, basic unit         253 lb         115 kg           Weight, T-Bar         204 lb         93 kg           Hydraulic flow, min. to max.         5 gpm - 20 gpm         20 L/min - 75 L/min           Hydraulic pressure, max.         2500 psi         1723.8 bar	Weight, T-bar	204 lb	93 kg
Stroke, each cycle         9 in         229 mm           Bore diameter, max.         13 in         325 mm           Weight, basic unit         253 lb         115 kg           Weight, T-Bar         204 lb         93 kg           Hydraulic flow, min. to max.         5 gpm - 20 gpm         20 L/min - 75 L/min           Hydraulic pressure, max.         2500 psi         1723.8 bar	Operating weight	462 lb	210 kg
Bore diameter, max.       13 in       325 mm         Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Operation		
Weight, basic unit       253 lb       115 kg         Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Stroke, each cycle	9 in	229 mm
Weight, T-Bar       204 lb       93 kg         Hydraulic flow, min. to max.       5 gpm - 20 gpm       20 L/min - 75 L/min         Hydraulic pressure, max.       2500 psi       1723.8 bar	Bore diameter, max.	13 in	325 mm
Hydraulic flow, min. to max.         5 gpm - 20 gpm         20 L/min - 75 L/min           Hydraulic pressure, max.         2500 psi         1723.8 bar	Weight, basic unit	253 lb	115 kg
Hydraulic pressure, max. 2500 psi 1723.8 bar	Weight, T-Bar	204 lb	93 kg
	Hydraulic flow, min. to max.	5 gpm - 20 gpm	20 L/min - 75 L/min
Cylinder force at 2500 psi 81,360 lb 362 025 N	Hydraulic pressure, max.	2500 psi	1723.8 bar
	Cylinder force at 2500 psi	81,360 lb	362 025 N

Specifications are called out according to SAE recommended practices. Specifications are general and subject to change without notice. If exact measurements are required, equipment should be weighed and measured. Due to selected options, delivered equipment may not necessarily match that shown.