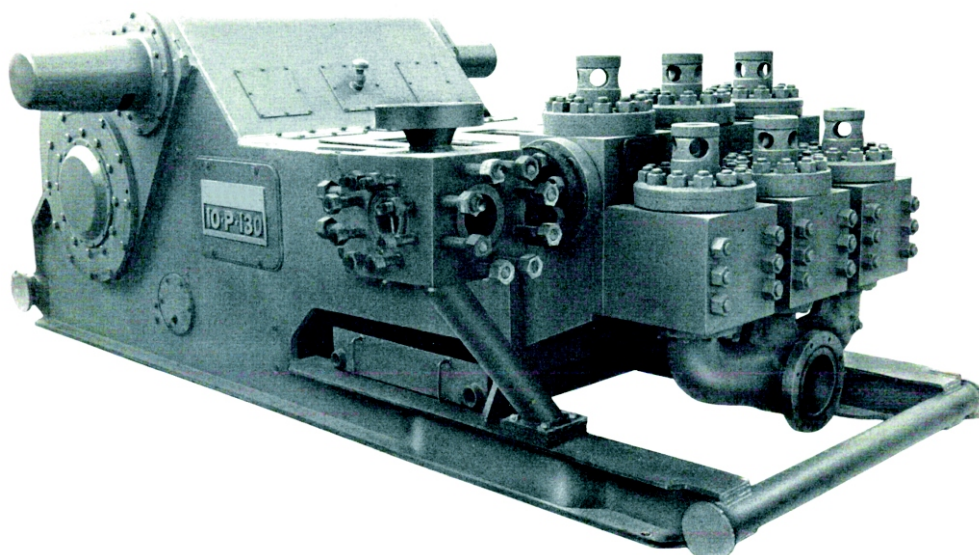


10-P-130 Mud Pump

National Oilwell Varco's 10-P-130 Mud Pump is rated at 1300 input horsepower (969 kW) at 140 strokes per minute, with a 10-inch (254 mm) stroke. Eight available liner sizes provide a flexible range of pressures and volumes for deep drilling.



10-P-130 Mud Pump

Dimensions and Specifications

Height, floor to center of front inlet suction, inches (mm)	13¼ (337)	Maximum fluid cylinder line bore*, inches (mm)	6¾ (171.5)
Height, floor to center of discharge, inches (mm)	39¼ (997)	Stroke, inches (mm)	10 (254)
Overall length over skids, inches (mm)	186⅝ (4740)	Hydrostatic test pressure of standard fluid cylinders, psi (kg/cm ²)	10,000 (703)
Width over frame, inches (mm)	71⅝ (1813)	Ratio of gears	2.853
Width over pinion shaft, inches (mm)	107¼ (2724)	Suction connection, ASA-150 lb. R.J. Flange (inches)	8
Height, floor to top of gear case, inches (mm)	67 (1702)	Discharge connection, cross w/API-5000 lb. R.J. Flange (inches)	5
Height over fluid cylinders, inches (mm)	55⅞ (1419)	Valve pot, API number	MOD. 6
Max. input, horsepower (kW)	1300 (969)	Weight-complete, less sheave, lbs. (kg)	42,550 (19,300)
Rated pump speed, spm	140		

Performance

Liner size, inches (mm)**	6¾ (171.5)	6½ (165.1)	6¼ (158.8)	6 (152.4)	5½ (139.7)	5 (127.0)	4½ (114.3)	4 (101.6)		
Max. Discharge Pressure, psi (kg/cm ²)	3085 (216.9)	3325 (233.8)	3595 (252.8)	3900 (274.2)	4645 (326.6)	5000 (351.5)	5000 (351.5)	5000 (351.5)		
Pump Speed	Max. Input	Hydraulic*								
spm	HP	HP	GPM* (LPM)*	GPM (LPM)	GPM (LPM)	GPM (LPM)	GPM (LPM)	GPM (LPM)	GPM (LPM)	
140†	1300†	1170	651 (2463)	603 (2284)	558 (2111)	514 (1946)	432 (1635)	357 (1351)	289 (1093)	228 (863)
120	1114	1003	558 (2111)	517 (1958)	478 (1810)	441 (1668)	370 (1401)	306 (1158)	248 (939)	196 (742)
100	929	836	465 (1759)	431 (1631)	398 (1508)	367 (1390)	309 (1168)	255 (965)	207 (784)	163 (617)
80	743	669	372 (1407)	345 (1305)	319 (1207)	294 (1112)	247 (934)	204 (772)	165 (625)	131 (496)
60	557	501	279 (1056)	259 (979)	239 (905)	220 (834)	185 (701)	153 (579)	124 (469)	98 (371)
	Vol./stroke, gal. (Liters)		4.647 (17.592)	4.309 (16.313)	3.984 (15.082)	3.671 (13.9)	3.085 (11.679)	2.549 (9.652)	2.065 (7.816)	1.632 (6.177)

* Based on 90% mechanical efficiency and 100% volumetric efficiency

** 6¾" (171.5 mm) and 6½" (165.1 mm) size available in regular liners.

† Rated speed and input horsepower

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