

F-1000Mud Pump



Dirección: Calle 94A # 11A-66 Oficina 101, Bogotá - Colombia
Teléfono: (57-1) 5200634 / 3173674843
[www. Sepinternacional.com](http://www.Sepinternacional.com)



F series mud pump offered by SEP is tough and field-proven is specifically equipped to meet almost any customer requirement. This is backed by our warranty and field support program. And the **SEP F-1000** pump is one of the most acceptable and developed mud pump.

SEP 1000 mud pump is a kind of F series, triplex single- acting piston mud pump. **SEP-1000** mud pump is made of high quality material, according to API 7 K specifications.

Specification

..	Rated input power	100HP (746 KW)
..	Rated Stroke	140SPM
..	Max. liner Dia.	6 ¾" (170 mm)
..	Rated Stroke distance	10" (229 mm)
..	Gear Ratio:	4.185:1
..	Suction pipe size:	12" (304.8 mm), Flanged
..	Discharge pipe size:	API 5 1/8" (130mm) Flanged, 5000psi
..	Valve chamber size:	API 6
..	Lubrication:	Forced and splash
..	Discharge flow and pressure:	please reference table 1 and table 2

Table 1: Pressure parameter for mud pump **SEP F- 1000**

Diameter of Liner	6 ¾"	6½"	6"	5½"	5 "	4 ½"
Rated pressure (Mpa-psi)	2730 psi 13.6 MPa	2558 psi 14.6 MPa	3000 psi 17.2 MPa	3572 psi 20.4 MPa	4322 psi 24.7 MPa	5000 psi 34.5 MPa

Table 2: Discharge parameter for mud pump **SEP F- 10000**

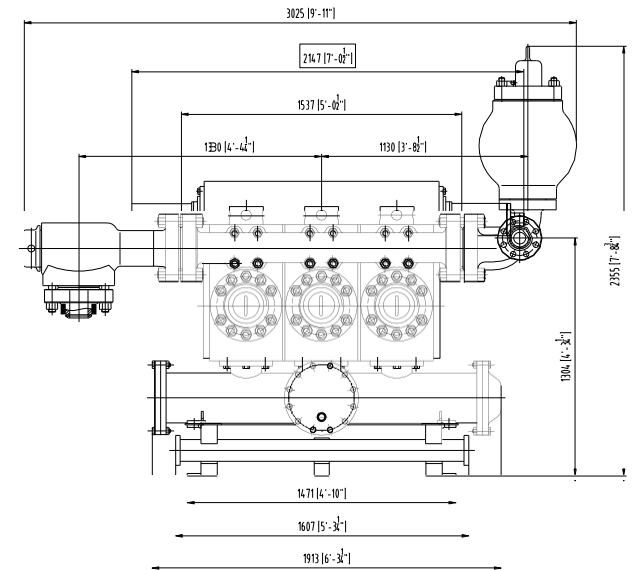
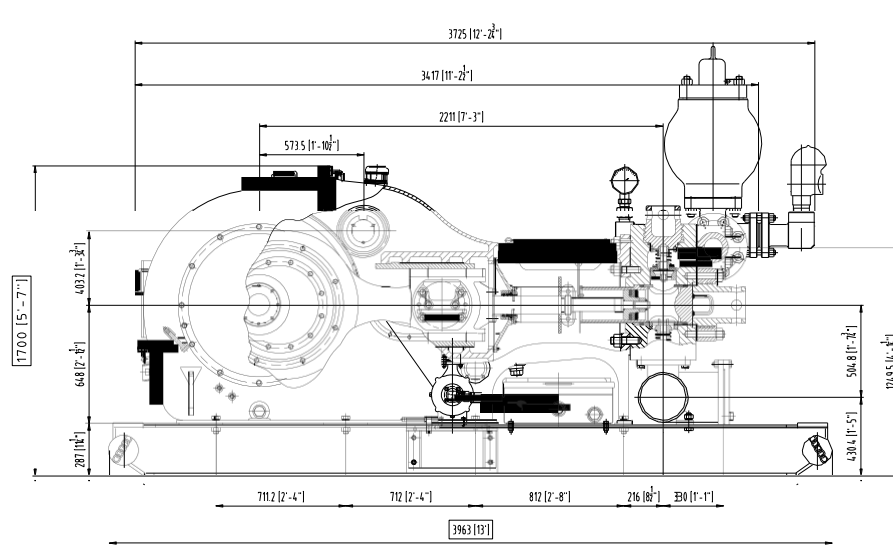
Stroke (spm)	Rated Power		Discharge Capacity GPM					
	Kw	HP	6 ¾"	6 1/2"	6"	5 1/2"	5'	4 1/2"
150	799	1071	697	646	551	463	382	310
140*	746	1000	651	603	514	432	357	289
130	692	928	604	560	477	401	331	269
120	639	857	558	517	441	370	306	248
110	585	785	511	474	404	339	280	227
100	532	714	465	431	367	309	255	207
99	479	642	418	388	330	278	229	186
1			4.65	4.31	3.67	3.09	2.55	2.07

Notes:

1. Calculated as per volumetric efficiency (100%) and mechanical efficiency (90%).
2. Shows rated stroke numbers while operating.

Dimension

..	Transport dimension	
	Length	13'-4" (4065mm)
	Width	7'- 8 1/2(2351mm)
	Height	6' -1/4" (1700mm)
..	Weight (without damper)	40443 (18345kg)



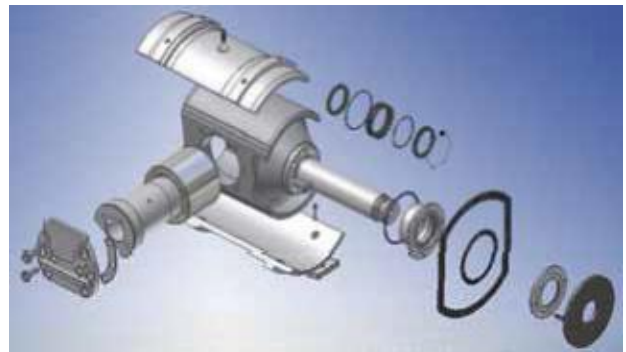
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Equipment scope

- .. Mud pump with a liner
- .. Damper and safety valve
- .. Completed with spare parts and special tools and fits



- .. We also maintain spare parts for you all requirements.



Please contact us if you need more information!

S.E.P Internacional

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Drilling Tools & Drilling Equipment Solutions

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