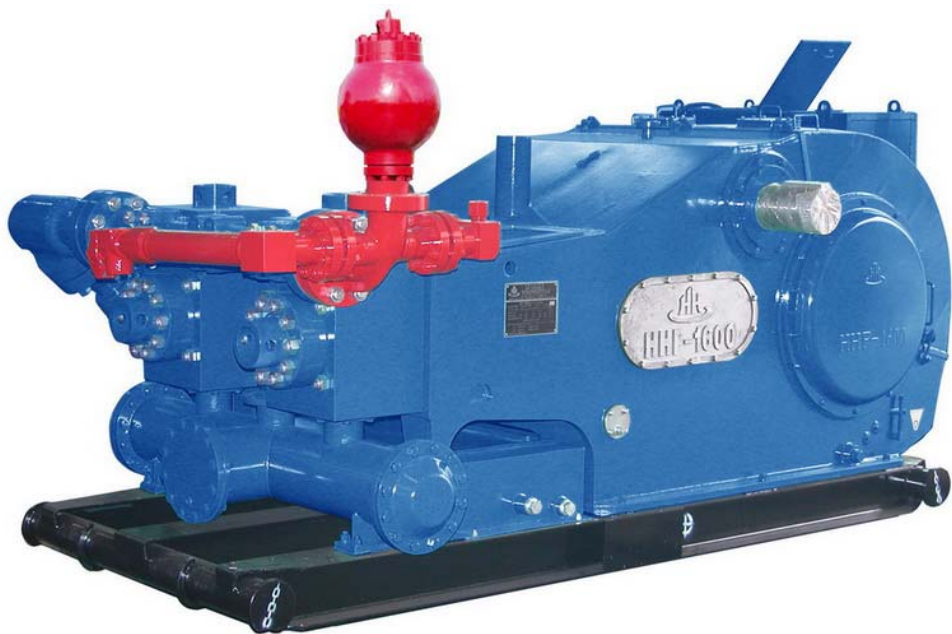




HONGHUA AMERICA, LLC

HHF-1600 Mud Pump



(832) 448.8100

www.hh-america.com



HONGHUA Group (HH) HHF series mud pump

is tough and field-proven, is specifically equipped to meet almost any customer requirement.

We have provided more than 1000 sets in the world-wide. This is backed by our warranty and field support program. And the HHF-1600 pump is one of the most acceptable and developed mud pump.

HHF-1600 mud pump is made of high quality material, according to API 7K specification. And HHF-1600 mud pump is a kind of F series, triplex single-acting piston mud pump. The seal packing, bearing and connection size are exchangeable with EMSCO F-1600 mud pump.

Specification

▪ Rated input power	1600HP (1193 KW)
▪ Rated Stroke	120 SPM
▪ Max. liner Dia.	7" (177.8 mm)
▪ Rated Stroke distance	12" (304.8 mm)
▪ Gear Ratio:	4.206: 1
▪ Suction pipe size:	12" (304.8mm), Flanged
▪ Discharge pipe size:	API 5 1/8" Flanged, 5000psi
▪ Max. discharge pressure	5000psi (34.5 Mpa)
▪ Max. discharge flow	780 gpm (49.21 L/s)
▪ Valve chamber size:	API 7 #
▪ Lubrication:	Forced and splash
▪ Discharge flow and pressure:	please reference table 1 and table 2





Table 1: Pressure parameter for mud pump HHF-1600

Diameter of Liner	7"	6 ¾"	6 ½"	6"	5 ½"	5"
Rated pressure (MPa-psi)	3430 psi 23.6 MPa	3690 psi 25.4 MPa	3978 psi 27.4 MPa	4668 psi 32.2 MPa	5000 psi 34.5 MPa	5000 psi 34.5 MPa

Table 2: Discharge parameter for mud pump HHF-1600

Stroke (spm)	Rated power		Discharge capacity GPM					
	kW	HP	7"	6 ¾"	6 ½"	6"	5 ½"	5"
130	1293	1734	780	725	672	573	481	398
120*	1193*	1600*	720	669	621	529	444	367
110	1094	1467	660	613	569	485	407	337
100	995	1334	600	558	517	441	370	306
90	895	1200	540	502	465	397	333	275
80	796	1067	480	446	414	353	296	245
70	696	933	420	390	362	308	259	214
1	-	-	6.00	5.58	5.17	4.41	3.70	3.06

Notes:

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





Dimension

■ Transport dimension

Length

15'-1 ¾" (4065mm)

Width

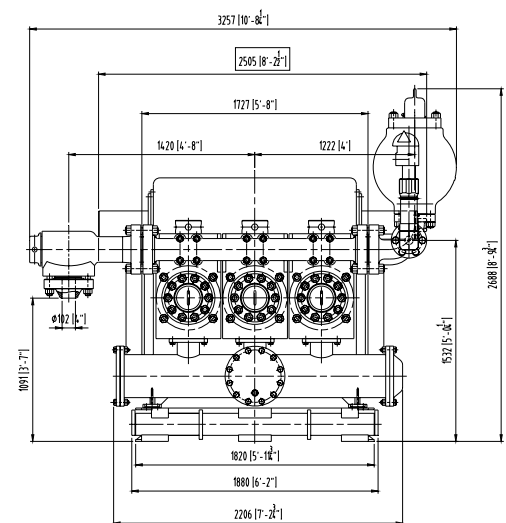
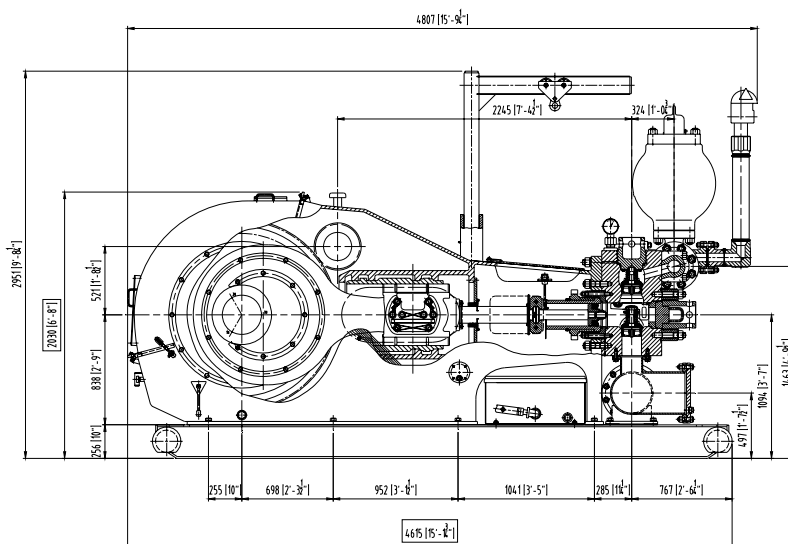
8'- 2 ½" (2505mm)

Height

6' – 8" (2030mm)

■ Weight (without damper)

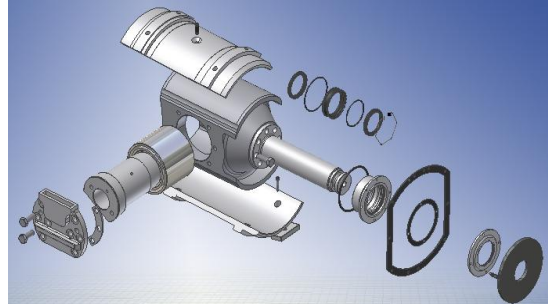
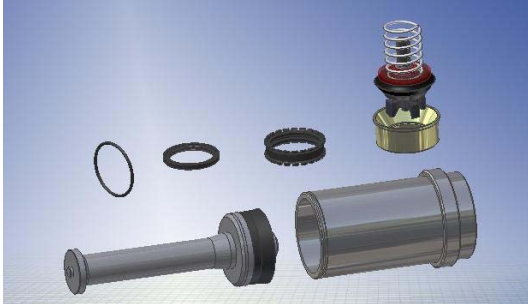
57540 lbs (26100 kg)





Equipment scope

- Mud pump with a liner
 - Damper and safety valve
 - Equipped with Hoister.
 - Completed with spare parts , special tools and fits
-
- We also maintain spare parts for you all requirements.



Please contact us if you need more information!

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Welcome

HongHua America, LLC

The exclusive agent and distributor in North America for the sale of Honghua drilling rig packages, triplex mud pumps and expendables, traveling equipment, wellhead equipment, handling tools, spare parts, and service.



DRILLING RIGS

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Optimize your drilling rig for your unique situation. We have what you need.

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CONTACT

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[email us](#)

WHO WE ARE

HongHua Group Limited is one of the largest drilling rig manufacturers located in Chengdu China. HongHua America, LLC is the sales and service center located in Houston Texas and is an American company. We have our US corporate headquarters located here along with our warehouse and rig up fabrication shop. Our company primary manufacturing capability is drilling rigs, AC VFD drilling rigs, DC SCR drilling rigs, fast moving drilling rigs, trailer mounted drilling rigs, offshore drilling modules, skidding systems for cluster well drilling, rotary tables, triplex F series mud pumps, swivels, blocks hooks and hydraulic CATWALKS and iron rough necks. All of our products are backed by a complete product warranty program. We can assemble rigs here in Houston Texas and incorporate US components such as engines, motors and auxiliary equipment. Please browse our website to see specific product lines and technical information, along with pictures of our drilling equipment product lines.

[read more about our Honghua drilling rig packages](#)



API MONOGRAM	NO. 4F-0292
API SPEC Q1	NO. Q1-1021
ISO9001:2008	NO. 1223
ISO/TS 29001	NO. TS-0901

SPOTLIGHT



Standard SCR Rig

AC SCR DC drive mode, All DC motors stepless speed regulation.

Box on box or Swing up substructure as required. Rotary table can be either powered from drawworks or from an independent DC motor.

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