



Bare Shaft Piston Pump

AMP-446 Triplex

(28~661 GPM)

500Hp/372.85kW

Precision-Engineered for Demanding Applications



IADC
MEMBER

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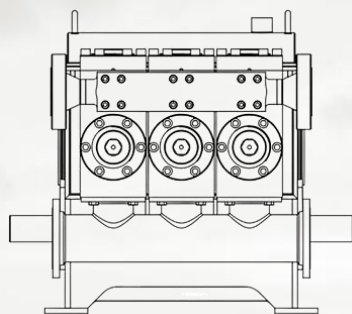
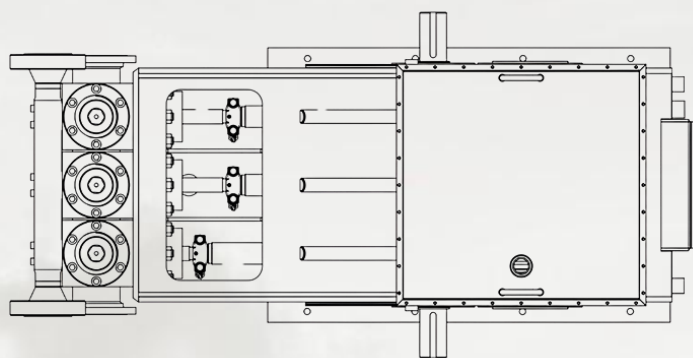
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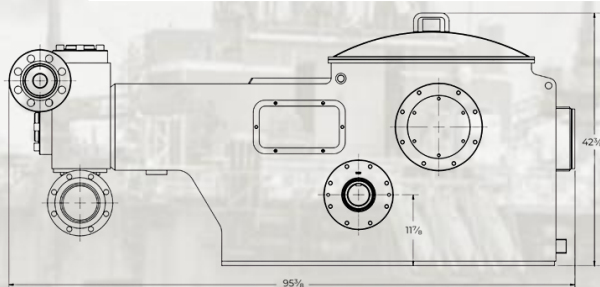
American Mud Pumps Inc. takes efficiency to the next level with its high-performance triplex pumps. Engineered to tackle the most demanding drilling and well service challenges, our pumps deliver steady flow, reduced pulsation, and outstanding durability. Their three-piston configuration ensures simpler, more efficient operation, minimizing component wear and maximizing uptime in the field.

Ideal for handling heavy muds and abrasive fluids, American Mud Pumps Inc.'s triplex pumps are the smart choice for operations that demand power, reliability, and consistent results.



Technical specification data

Input horsepower rating	500
Pump speed	300
Stroke length	6"
Maximum piston size	6"
Fluid end working pressure rating	5,000 Psi
Discharge connection size	3" Flange
Suction connection size	6" Flange
Crankcase oil capacity	35 Gallons
Liner wash capacity	25 Gallons
Internal gear ratio	4.579: 1
Weight	7,860 Lbs.
Overall dimensions (LxWxH)	95.375" X 42.375"



AMP-446 High Performance 6" Stroke Triplex			Strokes Per Min.	50	100	150	200	250	300
			Input HP**	83	167	250	333	417	500
Plunger / Piston Size	Discharge Pressure Rating	Output Gal/Rev	Output – Gallons Per Minute*						
6"	1,232	2.203	110	220	330	441	551	661	
5 1/2"	1,466	1.851	93	185	278	370	463	555	
5"	1,774	1.530	77	153	230	306	383	459	
4 1/2"	2,190	1.239	62	124	186	248	310	372	
4"	2,771	0.979	49	98	147	196	245	294	
3 1/2"	3,620	0.750	37	75	112	150	187	225	
3"	4,927	0.551	28	55	83	110	138	165	

* Based on 95% mechanical efficiency, **Based on 100% volumetric efficiency.