LIBERTY LIFT

HYDRAULIC JET PUMP SYSTEMS

L375 QUINTUPLEX PUMP

LL 5” STROKE SERIES

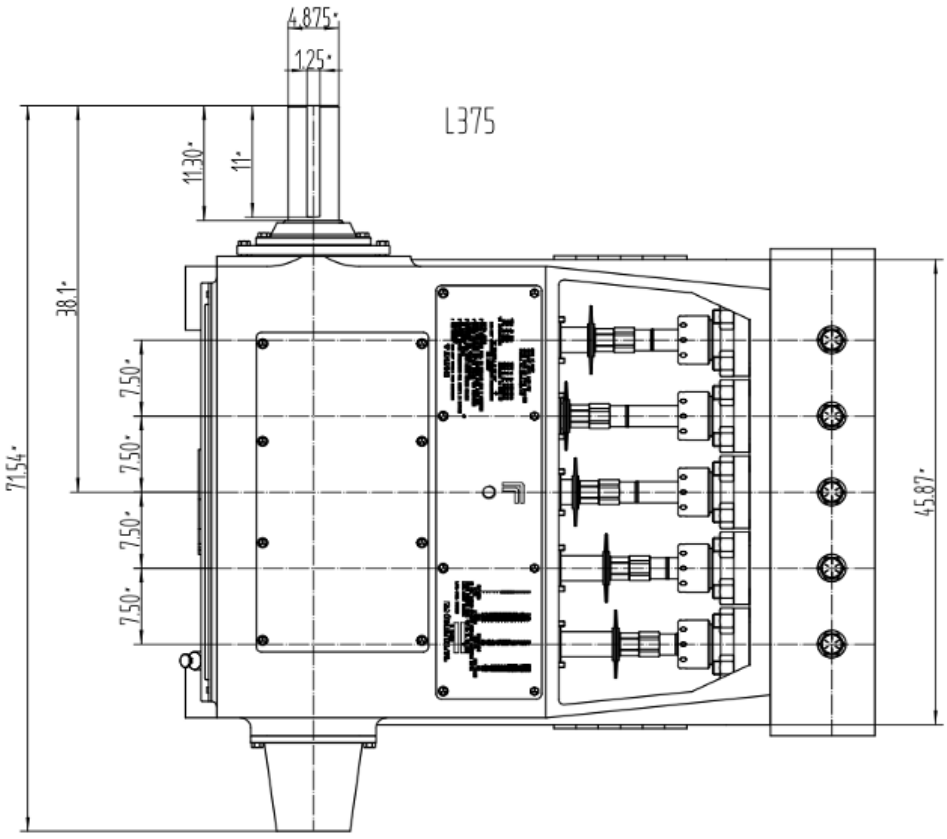
TYPE
Quintuplex (5-cylinder)

MAX RATED INPUT
415 HP at 400 RPM

PLUNGER RANGE
1.750” - 4.500”

MAX RATED PRESSURE
5,000 PSI (1.750” - 1.875” PLUNGER)

RATED SPEED RANGE
100 - 400 RPM (310 RPM)



DESCRIPTION

The L375 Quintuplex delivers Liberty Lift’s highest output capacity in the 5” stroke series. Its five-cylinder configuration significantly reduces flow pulsation versus triplex designs, making it the preferred choice for high-volume and injection applications where consistent hydraulic pressure is critical.

With a plunger range to 4.500” and rated capacities exceeding 688 GPM at 400 RPM, it’s purpose-built for the Bakken, Permian and Eagle Ford.

PLUNGER SIZE (IN.)	GPM PER RPM	RATED PRESSURE	CYLINDER RATING	RATED CAPACITY (GAL/MIN)					
				100 RPM	200 RPM	250 RPM	310 RPM	350 RPM	400 RPM
1.750	0.26	5,000	H	26	39	52	80.6	91	104
1.875	0.2988	5,000	H	29.9	44.8	59.8	92.6	104.6	119.5
2.000	0.34	4,720	H	34	51	68	105.4	119	136
2.125	0.3838	4,180	H	38.4	57.6	76.8	119	134.3	153.5
2.250	0.4303	3,730	H	43	64.5	86.1	133.4	150.6	172.1
2.500	0.5312	3,020	M	53.1	79.7	106.2	164.7	185.9	212.5
2.750	0.6428	2,500	M	64.3	96.4	128.6	199.3	225	257.1
3.000	0.765	2,100	M	76.5	114.7	153	237.1	267.7	306
3.250	0.8978	1,790	M	89.8	134.7	179.6	278.3	314.2	359.1
3.375	0.9682	1,660	L	96.8	145.2	193.6	300.1	338.9	387.3
3.500	1.0412	1,540	L	104.1	156.2	208.2	322.8	364.4	416.5
3.750	1.1953	1,340	L	119.5	179.3	239.1	370.5	418.4	478.1
4.000	1.36	1,180	L	136	204	272	421.6	476	544
4.250	1.5353	1,050	L	153.5	230.3	307.1	475.9	537.4	614.1
4.500	1.7212	930	L	172.1	258.2	344.2	533.6	602.4	688.5