

Masport have been manufacturing vacuum/pressure pumps for over 100 years, so you can be sure of engineering excellence.

The Masport Hydra Engine Drive has been specifically designed and engineered to meet the needs of hard working pumpers around the world.

To produce our precision pumps, we only use the finest quality components and materials to ensure the durability of your vacuum pump.

Every pump is factory tested before shipping and is backed up by a one year warranty against all manufacturing defects.

With Masport on board you have an efficient and reliable pump backed by the best service and support that has made Masport the #1 choice for pumpers worldwide.



- ▶ 407 CFM HYDRA Pump
- ▶ 25" Hg continuous duty operation
- ▶ Deutz 24Hp Engine
- ▶ Compact High Efficiency Oil Separator Muffler
- ▶ Stainless steel integral Inlet Filter
- ▶ Vacuum Relief Valve
- ▶ Oil Reservoir and Flushing Tanks
- ▶ 20 Gallon Fuel Tank
- ▶ 12 Volt Battery
- ▶ Enclosed Belt and Pulley System
- ▶ Easily accessible maintenance points
- ▶ Oil, chemical and heat resistant hoses
- ▶ Separator supplied with 3" NPT fitting and exhaust deflector
- ▶ One year performance warranty



407 CFM

Free Air Displacement



HYDRA

Diesel Engine Drive

Performance Data – Vacuum

PUMP R.P.M	DISPLACEMENT C.F.M	S.C.F.M and A.C.F.M @ VACUUM											MAXIMUM VACUUM – “Hg	
			5	10	15	18	20	22	24	25	26	27	CONTINUOUS	INTERMITTENT
1200	343	SCFM	247	187	132	100	81	60	42	22	13	5	25	27
		ACFM	297	282	264	250	246	229	214	136	101	50		
1400	407	SCFM	345	282	215	152	117	94	67	48	24	15	25	27
		ACFM	377	340	326	304	293	285	259	241	152	112		

Performance Data – Pressure

PUMP R.P.M	DISPLACEMENT C.F.M	S.C.F.M @ P.S.I.G							MAXIMUM PRESSURE – P.S.I.G	
		5	10	15	18	20	25	30	CONTINUOUS	INTERMITTENT
1200	343	285	251	244	239	233	230	215	20	30
1400	407	377	313	297	283	279	275	270	20	30

Horsepower Required @ “Hg

PUMP R.P.M	VACUUM “Hg				
	5	10	15	20	27
1200	15	15	15	15	15
1400	19	19	19	19	19

Horsepower Required @ P.S.I.G

PUMP R.P.M	P.S.I.G					
	5	10	15	20	25	30
1200	20	22	26	30	35	38
1400	25	27	31	36	40	45

