

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

The Masport Viper 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.



- ▶ 350 CFM VIPER Pump
- ▶ 22" 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



350 CFM

Free Air Displacement



VIPER

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
1100	303	SCFM	211	165	120	90	71	54	31	23	15	5	22	27
		ACFM	253	248	239	225	213	201	153	136	113	52		
1250	350	SCFM	246	175	139	104	83	62	38	26	16	6	22	27
		ACFM	295	289	278	261	248	233	192	158	118	60		

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
1100	303	254	242	231	217	204	192	180	20	30
1250	350	293	279	266	251	235	222	207	20	30

Horsepower Required @ “Hg

PUMP R.P.M	VACUUM “Hg				
	5	10	15	20	27
1100	10	12	13	14	15
1250	12	14	15	16	18

Horsepower Required @ P.S.I.G

PUMP R.P.M	P.S.I.G					
	5	10	15	20	25	30
1100	14	18	22	27	31	35
1250	16	20	26	31	36	40

