

# Titan

## Plug & Play System

**MASPORT**  
VACUUM PUMP SYSTEMS

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

The Masport Titan 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.



- ▶ 377 CFM Titan Pump
- ▶ 22" Hg continuous duty operation
- ▶ Heavy duty Pump Stand
- ▶ Compact high efficiency Oil Separator and Scrubber
- ▶ Stainless steel integral Inlet Filter
- ▶ Vacuum/Pressure Relief Valve and Gauge
- ▶ Pressure Relief Valve Vent Recovery System – eliminates clean-up with no oil exhausted to atmosphere
- ▶ Self-aligning gearbox and hydraulic drive options available
- ▶ Easily accessible maintenance points
- ▶ Oil, chemical and heat resistant hoses and float seat
- ▶ Separator supplied with 3" NPT nipple and exhaust deflector
- ▶ Available with plastic, steel or combination oil/flushing reservoir
- ▶ One year performance warranty

**Titan**  
Displacement up to 377 CFM



BUILT FOR THE HARD WORKING PUMPER

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### 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	22	27
		ACFM	297	282	264	250	246	229	214	136	101	50		
1400	377	SCFM	282	215	152	117	94	67	48	24	15	5.5	20	27
		ACFM	340	326	304	293	285	259	241	152	112	55		

### 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	377	313	297	283	279	275	270	251	20	30

### Horsepower Required @ P.S.I.G

PUMP R.P.M	P.S.I.G					
	5	10	15	20	25	30
1100	16	17	21	25	29	32
1200	20	22	26	30	35	38
1400	25	27	31	36	40	45

### Horsepower Required @ “Hg

PUMP R.P.M	VACUUM “Hg				
	5	10	15	20	27
1000	11	11	11	12	12
1200	15	15	15	15	15
1400	19	19	19	19	19

