

# Truck Master 2 Performance

The Truck Master 2 has its best performance in 2" suction hoses. For suction hoses above 2" (3" - 4") we recommend this pump for vacuum lifts of fluids only.

The data FlowDry is based on the following parameters:

- Air temperature 20°C
- Water temperature 15°C
- Test performed with dry air and 1,013 mbar absolute pressure
- Tolerance ±10%



## Application performance & hose dimension

	Vacuum-lift fluids	Air-lift fluids	Air-lift solids
Suction hose 2"	1200 RPM	1200 RPM	1700 RPM
Suction hose 3"	1200 RPM		
Suction hose 4"	1200 RPM		
Suction hose 5"	1200 RPM		
Suction hose 6"	1200 RPM		

## Vacuum performance

Metric	m3/h	kW	Nm
1800 RPM	500	27	143
1700 RPM	470	25	140
1600 RPM	430	22	131
1500 RPM	390	20	127
1400 RPM	360	17	116
1300 RPM	320	15	110
1200 RPM	300	14	111

Recommended

Calculate operators performance



Solution Finder

US	CFM	HP	Lbs *ft
1800 RPM	295	36	106
1700 RPM	277	34	104
1600 RPM	253	30	97
1500 RPM	230	27	94
1400 RPM	212	23	86
1300 RPM	188	20	81
1200 RPM	177	19	82

## Pressure performance

Metric	m3/h	kW	Nm
1800 RPM			
1700 RPM			
1600 RPM			
1500 RPM			
1400 RPM			
1300 RPM			
1200 RPM			

1 bar(g)

US	CFM	HP	Lbs *ft
1800 RPM			
1700 RPM			
1600 RPM			
1500 RPM			
1400 RPM			
1300 RPM			
1200 RPM			

14,5 psi

## Water consumption

Metric	50% vacuum	70% vacuum	80% vacuum
20°C	0,4	0,3	0,2
30°C	0,8	0,5	0,3
40°C	1,4	0,8	0,5
50°C	2,3	1,4	0,9
55°C	2,9	1,7	1,2

L/h

US	50% vacuum	70% vacuum	80% vacuum
68°F	0,1	0,1	0,0
86°F	0,2	0,1	0,1
104°F	0,4	0,2	0,1
122°F	0,6	0,4	0,2
131°F	0,8	0,5	0,3

Gal/h