

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	16	85
1700 RPM	470	15	84
1600 RPM	430	13	78
1500 RPM	390	12	76
1400 RPM	360	10	68
1300 RPM	320	9	66
1200 RPM	300	7	56

Pressure performance

Metric	m3/h	kW	Nm
1800 RPM	365	22	117
1700 RPM	318	20	112
1600 RPM	274	19	113
1500 RPM	262	17	108
1400 RPM	226	15	102
1300 RPM	146	13	96
1200 RPM	-	-	-

1 bar(g)

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

Recommended

Calculate operators performance



Solution Finder

US	CFM	HP	Lbs *ft
1800 RPM	295	22	63
1700 RPM	277	20	62
1600 RPM	253	18	57
1500 RPM	230	16	56
1400 RPM	212	14	50
1300 RPM	188	12	49
1200 RPM	177	10	41

US	CFM	HP	Lbs *ft
1800 RPM	215	30	86
1700 RPM	187	27	83
1600 RPM	161	26	84
1500 RPM	154	23	80
1400 RPM	133	20	75
1300 RPM	86	18	70
1200 RPM	-	-	-

14,5 psi

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