

Truck Master 1700 Performance

The Truck Master 1700 has its best performance in 4" suction hoses and secondary in 2" and 3" with reduced RPMs. For suction hoses above 4" (5 – 6") 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"	900 RPM	900 RPM	900 RPM
Suction hose 3"	900 RPM	900 RPM	900 RPM
Suction hose 4"	900 RPM	1100 RPM	1500 RPM
Suction hose 5"	900 RPM	1800 RPM	
Suction hose 6"	900 RPM		

Calculate operators performance



Solution Finder

Recommended

Vacuum performance

Metric	m3/h	kW	Nm
1800 RPM	1619	49	260
1700 RPM	1550	44	247
1600 RPM	1457	40	239
1500 RPM	1321	34	216

US	CFM	HP	Lbs *ft
1800 RPM	953	67	192
1700 RPM	912	60	182
1600 RPM	858	54	176
1500 RPM	778	46	160

Pressure performance

Metric	m3/h	kW	Nm
1800 RPM	944	65	345
1700 RPM	810	60	337
1600 RPM	757	54	322
1500 RPM	674	47	299

1 bar(g)

US	CFM	HP	Lbs *ft
1800 RPM	556	87	254
1700 RPM	477	80	249
1600 RPM	446	73	238
1500 RPM	397	63	221

14,5 psi

Water consumption

Metric	50% vacuum	70% vacuum	80% vacuum
20°C	12	5	4
30°C	17	10	7
40°C	34	20	13
50°C	60	35	24
55°C	100	60	39

L/h

US	50% vacuum	70% vacuum	80% vacuum
68°F	3	1	1
86°F	4	3	2
104°F	9	5	3
122°F	16	9	6
131°F	26	16	10

Gal/h