



## Low noise level

The contact free design in a liquid ring pump results in low noise operation level. During operation, only the air flow and natural sound from the bearings are audible.

**Optimum HPR**  
Stainless steel AISI 316

**ATEX approved for:**

Zone 0: II 1G Ex h IIC T4 Ga  
Zone 1: II 2G Ex h IIC T4 Gb



### Applications

- + Emergency plumbing services (E.g. flooded basements or areas, burst pipelines)
- + Pit cleaning services
- + Slurry services



### Description

Truck Master 350 is often mounted on mini-combination city tankers and vacuum units that have a multitude of purposes and applications. Through which, they are used in cases of emergency cleaning services (E.g. flooding basements or areas, burst pipelines) and for cleaning sewer lines that have another mean of disposal of the debris than the manhole. Having a max. vacuum of 85%, max. pressure of 1,0 bar(g), and a max capacity of 350 m3/h, Truck Master 350 can quickly and efficiently solve any emergency city sewage jobs.

The small city vacuum units and tankers are also equipped with Truck Master 350 due to its low noise operation level. These vacuum units are intended for collecting the wet waste from agglomerated, hard to access areas such as parking lots, schoolyards and shopping centers. Therefore, the need for a Truck Master 350, which will silently pump up the wet waste. Furthermore, because the pump chamber contains only water and no lubricants, the exhaust is clean stream, making operation easy in populated areas, without putting at risk people or materials.

## TRUCK MASTER 350

Truck Master 350 is a small but very sturdy liquid ring pump suitable for mini-combination tankers, small jetting units, portable restroom vacuum tankers and other vacuum units intended for quick sewage interventions in city areas.

- + Portable Restroom Vacuum tankers
- + Mini-combination tankers
- + Small Jetting Units

### SPECIFICATIONS

Bearing cover	Cast iron	EN-GJL-250; EN 1561
Radial shaft seal	Rubber	Type NBR; DIN 3760A
Paper gasket	Paper	Oil resistant gasket
Bearing housing	Cast iron	EN-GJL-250; EN 1561
Mechanical shaft seal	NBR/AISI 316/Carbon	
Pump housing	Cast iron	EN-GJL-250; EN 1561
Flow plate	Cast iron	EN-GJL-250; EN 1561
Flow plate (EX model)	Stainless steel	AISI 316
Rubber gasket	Rubber	NBR
Shell	Cast iron	EN-GJL-250; EN 1561
Rotor	Stainless steel	Optimum High Performance

### WATER CONSUMPTION L/H

Metric	Water temperature				
	20°C	30°C	40°C	50°C	55°C
50% vacuum	4	9	14	23	36
70% vacuum	3	4	8	13	21
80% vacuum	1	2	3	5	9

### WATER CONSUMPTION US GALLON/H

US	Water temperature				
	68°F	86°F	104°F	122°F	131°F
50% vacuum	1	2	4	6	10
70% vacuum	1	1	2	3	6
80% vacuum	1	1	1	1	2

### VACUUM

Metric	m3/h	kW	Nm
1800 RPM	359	9	48
1650 RPM	334	8	43
1500 RPM	307	7	41
1200 RPM	242	6	44

  

US	CFM	HP	lbs * ft
1800 RPM	211	12	35
1650 RPM	197	10	32
1500 RPM	181	9	31
1200 RPM	142	7	32

### PRESSURE 1,0 BAR(G)

Metric	m3/h	kW	Nm
1800 RPM	266	15	80
1650 RPM	239	13.5	78
1500 RPM	151	12	76
1200 RPM	83	8.5	68

  

US	CFM	HP	lbs * ft
1800 RPM	157	20	59
1650 RPM	141	18	58
1500 RPM	89	16	56
1200 RPM	49	12	50

Pump performance measured on the suction side of the pump. The vacuum performance is therefore based on Actual Cubic meters and the performance mode on Normal Cubic meters. The performance is based on service liquid temperature of 15 °C, air temperature of 50 °C and 100% saturated air. For correction factors or other conditions, please refer to the pump manual.