

**TRASH FLOW®**  
**TFCC-6ML™**



Trailer Mounted or Skid Mounted. Your Choice.

**FEATURES**

TRANSFER UP TO  
1185 GPM

MAX. HEAD 110 FT. (34M)

HEAVY DUTY BEARINGS  
AND CASTINGS

EASILY REMOVABLE  
ROTATING ASSEMBLY

VACUUM PRIME ASSIST  
AVAILABLE\*

“SILENT” PUMPING  
MODEL AVAILABLE\*

QUICK SELF PRIMING  
CAPABILITIES

DOUBLE FLOATING  
MECHANICAL SEAL

DUAL LIP SEAL BEARING  
PROTECTION

\*optional

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• 1-888-829-2783

**WASTECORP.COM**

**PUMP SMARTER.**  
**(THE TRASH FLOW HELPS YOU DO IT).**

**TRASH FLOW® TFCC-6ML- SPECIFICATIONS**

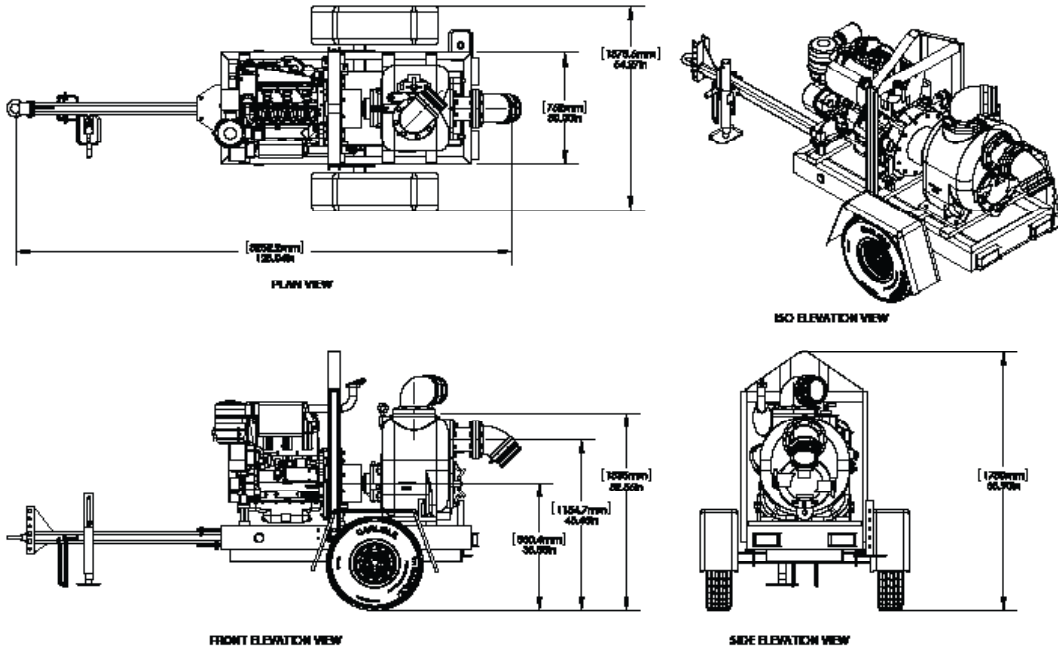
Model	Trash Flow® TFCC-6ML
Connection Size	6" x 6" [152 mm x 152 mm] ANSI/DIN
Max. GPM	1185 GPM
Max. Suction Lift	25 ft (7.52m)
Max. Discharge Head	40 psi (110'/34 m)
Pump Casing	Grey Iron, ASTM A48; Class 30
Impeller	Max. 12.38" OD, Ductile Iron ASTM A536, Grade 60-40-18 (Impeller Trimming: If required) Semi-Open Type, Two-Vane Impeller, (two plane, computer dynamically balanced)
Max. Solids Handling	3"
Impeller Shaft	ANSI 4140 steel
Replaceable Wear Plate	SAE 1020 steel
Removable Cover Plate	Grey Iron, ASTM A48; Class 30
Flapper Valve	Neoprene with internal steel weight
Bearing Housing	Grey Iron, ASTM A48; Class 30 (includes oil sight glass and breather valve)
Seal Plate	Grey Iron, ASTM A48; Class 30
Shaft Sleeve	316 Stainless Steel
Radial/Thrust Bearing	NSK Open Ball
Bearing/Seal Cavity Lubrication	SAE No. 30 Non-Detergent Oil
Gaskets	Buna-N, Compressed Synthetic Fibers, PTFE, Vegetable Fiber, Cork and Rubber
Hardware	Standard Plated Steel, Brass Pressure Relief Valve, Bearing and Seal Cavity Oil Level Sight Gauges
Mechanical Seal	Double floating cartridge type, titanium tungsten-carbide rotating and stationary faces, 316SS casing and spring, Viton O-Rings.

**Engine and Trailer Information**

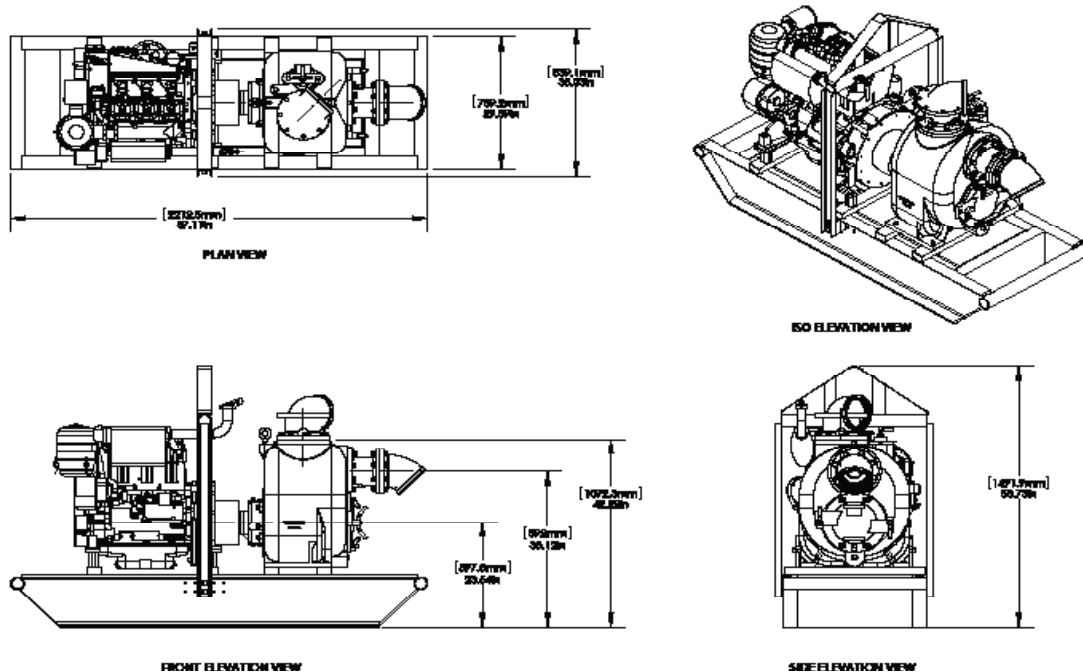
Trailer	Single Axle DOT compliant with e-brakes, fenders, lighting, swivel jack, ball hitch or pintel eye coupler
Coupling	SAE Rubber Disk Drive fly-wheel coupling
Engine & Control Panel	56 hp Hatz, Tier 4 Final diesel engine
Fuel Tank	DOT Compliant 45 USG complete with fuel lines and mounting brackets

Note: Consult factory for applications exceeding maximum pressure and/or temperature indicated.

**APPROXIMATE TRAILER MOUNTED PUMP DIMENSIONS**

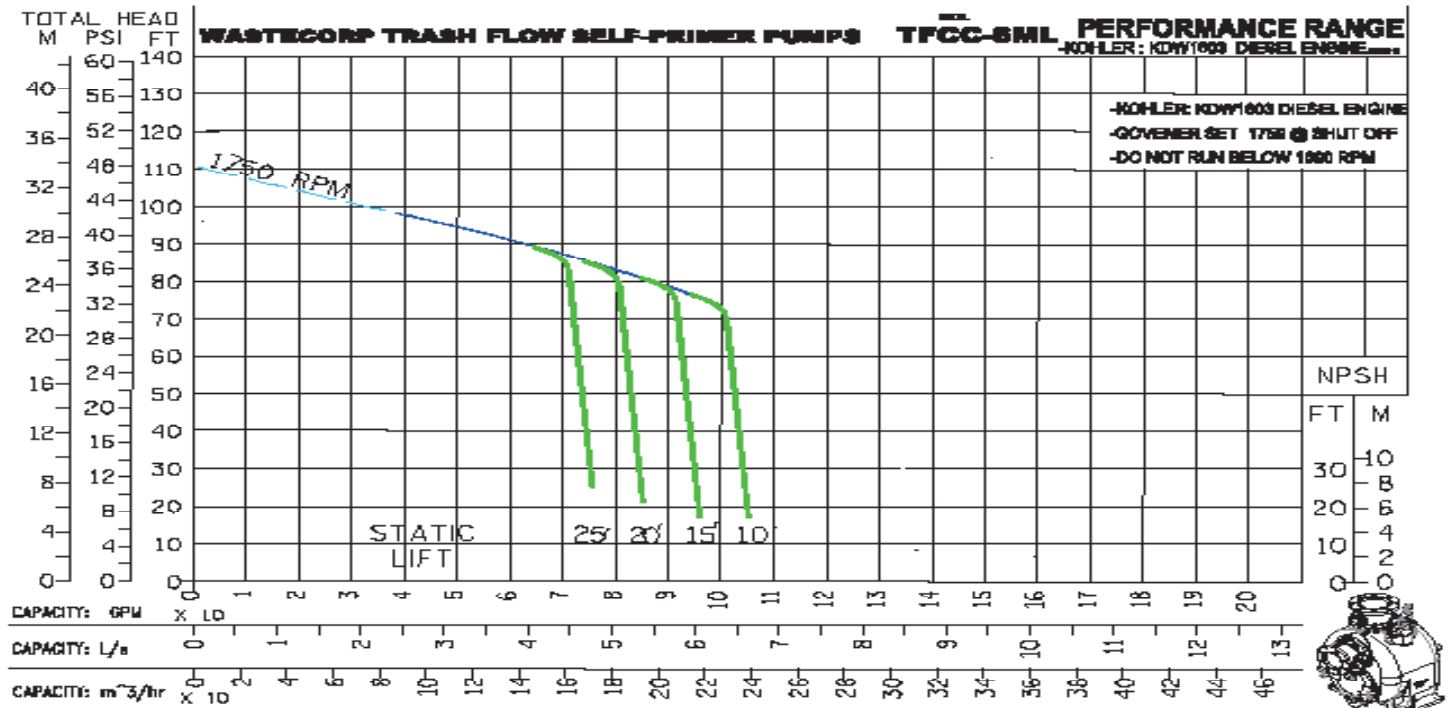


**APPROXIMATE SKID MOUNTED PUMP DIMENSIONS**



All information is approximate and is intended for general guidance only. Wastecorp Pumps reserves the right to make changes in design, materials and operating ranges without notice. Customer is responsible for all installation work including but not limited to providing a concrete pad and/or stable foundation as required (if applicable). Piping to pump must be completely self supporting to prevent strain on pump castings.

## Trash Flow TFCC-6ML Pump Performance Curve



### REPRIMING LIFTS

PUMP SPEED	REPRIMING LIFT
1000 RPM	18 FT.
1150 RPM	21 FT.
1250 RPM	21 FT.
1350 RPM	22 FT.
1450 RPM	23 FT.
1650 RPM	25 FT.

$$BHP = \frac{GPM \times FT \times SG}{3960 \times \text{Efficiency}} \quad KW = \frac{LPM \times M \times SG}{367 \times \text{Efficiency}}$$

Headline BHP is based on the available NPSH which is the estimated minimum pressure within the system. The actual NPSH may vary from the world best efficiency.

**CURVE NO.:** 63388-01 **MODEL:** TFCC-6ML  
**SIZE:** 6" x 6" **IMPELLER DIA.:** 12.30"  
**RPM:** VARIOUS **SP. GR.:** 1.0 @ 60°F

Factory installed tank and priming using 1/2 inch diameter hose and 1/2 inch diameter pipe. The maximum recommended hose length is 100 feet. The maximum recommended pipe length is 100 feet. The maximum recommended pipe diameter is 1/2 inch.

**DESIGN FACTORS FOR OPERATING**  
**CIRCUIT 1750 RPM AND ABOVE .**