

448-SA

Vacuum Assisted. Heavy Duty Solids Handling Pump



PUMP

SUCTION SIZE

4" AISI 125# flange

DISCHARGE SIZE

4" AISI 125# flange

SOLIDS HANDLING

3"

MAX SUCTION LIFT

28'

WEAR RING

ASTM A48. Class 30 cast iron

VOLUTE CASING

Ductile iron. ASTM A536 65-45-12

BACKPLATE

Ductile iron. ASTM A536 65-45-12

MECHANICAL SEAL

Tungsten vs. silicon carbide seal faces. Viton elastomers. 300 series stainless steel hardware & spring. Seal system designed for dry indefinite running

IMPELLER

Enclosed type. Two vane. Non-Clog. CA6NM. Cast stainless ASTM A743

BEARING HOUSING

Grease lubricated. 100.000Hr B10 life. ASTM A48. Class 30 cast iron. Option for oil lubricated available

SHAFT

LaSalle Stressproof

DRIVE

MODEL

Yanmar 3TNV88F

HORSEPOWER

24.4 HP @ 2200 RPM

OPERATING SPEED

1200-2200 RPM

GOVERNOR

Electronic

FUEL CONSUMPTION

Max 1.57 Gal/Hr

SAFETY SHUT DOWN

Oil temp. Oil level

CONTROL PANEL

Controls Inc

FRAME

TYPE

Trailer

CONSTRUCTION

Heavy duty. powder coated. Fabricated steel. Fork pockets and lifting frame. Options for galvanizing available

FUEL TANK

65 Gal

AXLE

Single 3500lb. Torsion Flex

BRAKES

Electric w/ DOT lighting package

PRIMING

PRIMING SYSTEM

50 CFM diaphragm vacuum pump. Mechanically driven

AIR/WATER CHAMBER

Chamber designed to separate air and water before entering the pump case

DISCHARGE CHECK VALVE

Swing type. Ductile iron w/Buna-N Disc

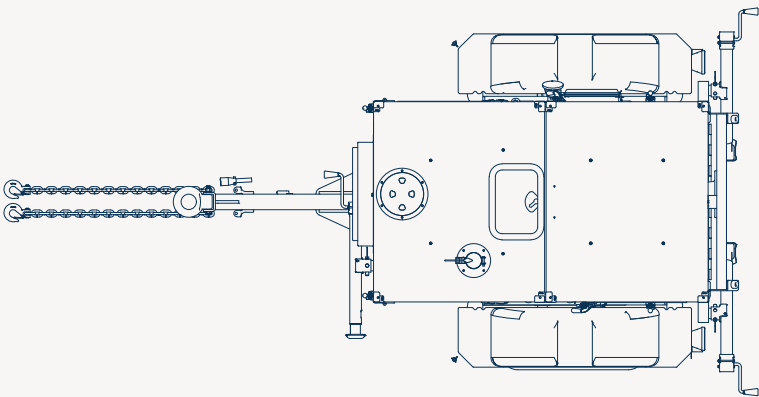
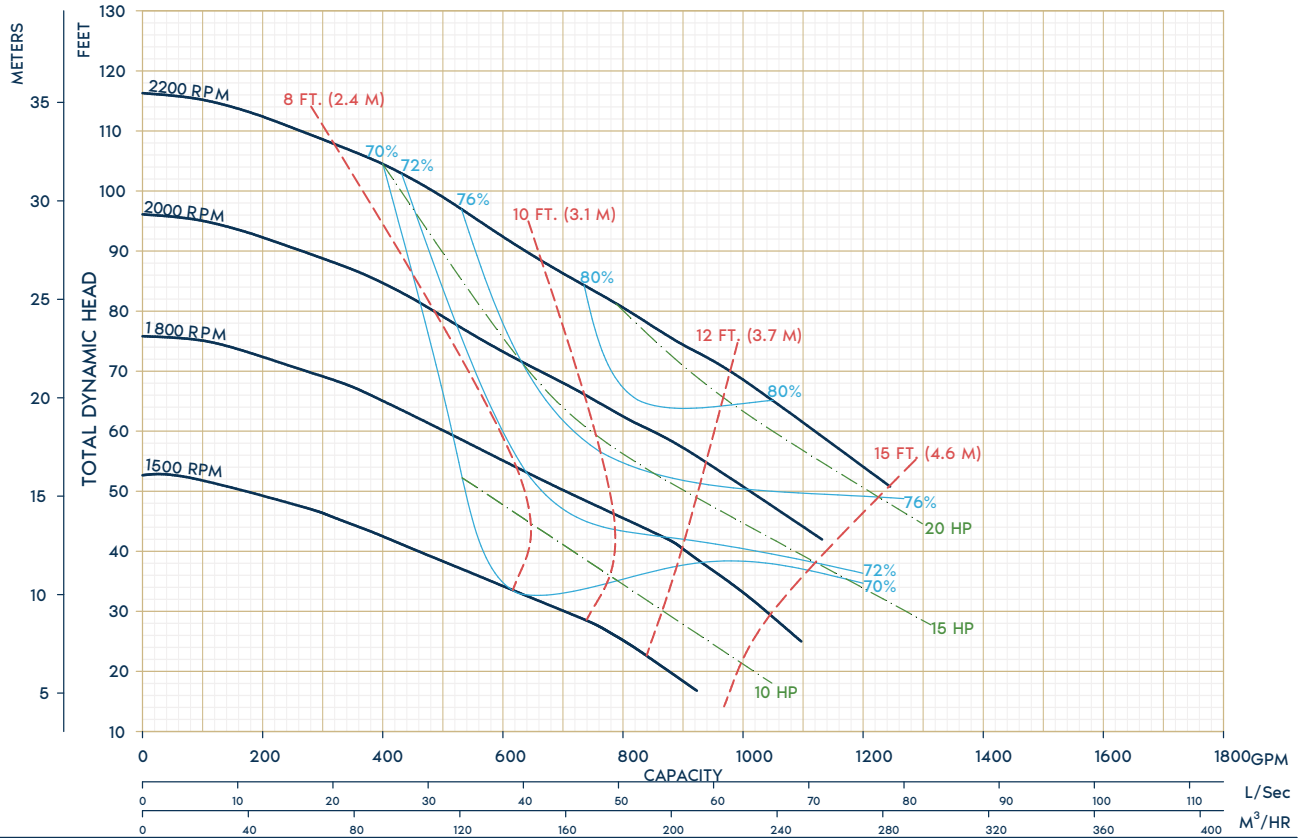
Contact us for custom
build features.



PREMIER
PUMP + POWER

Performances shown are for S.G. 1.0
60°F water, frame mounted
configuration. Other mounting styles or
S.G. may require curve adjustments.

Speed	Impeller Dia.	Style	Volute	Solids Dia.	N _s	Suction	Discharge	No. Vanes
VARIOUS	8.25"-0°	ENCLOSED	SINGLE	3"	2600	4"	4"	2



SHIPPING WEIGHT: 2700 LBS. (DRY)
3162 LBS. (WET)

NOTES:
1. DIMENSIONS TO BE USED AS REFERENCE
ONLY. ACTUAL FIGURES MAY VARY.
2. ALL HEIGHTS ARE DEPENDENT ON THE SITE
CONDITIONS.

