

# 448

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

*Browse all accessories online.  
or contact us for custom  
build features.*

## FRAME

### TYPE

Trailer

### CONSTRUCTION

Heavy Duty. Powder Coated Fabricated Steel w/Lifting Frame

### FUEL TANK

45 Gal

### AXLE

Single 5200lb  
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

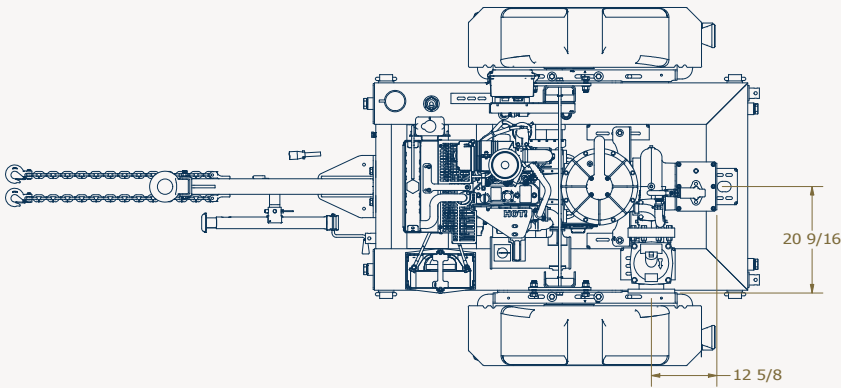
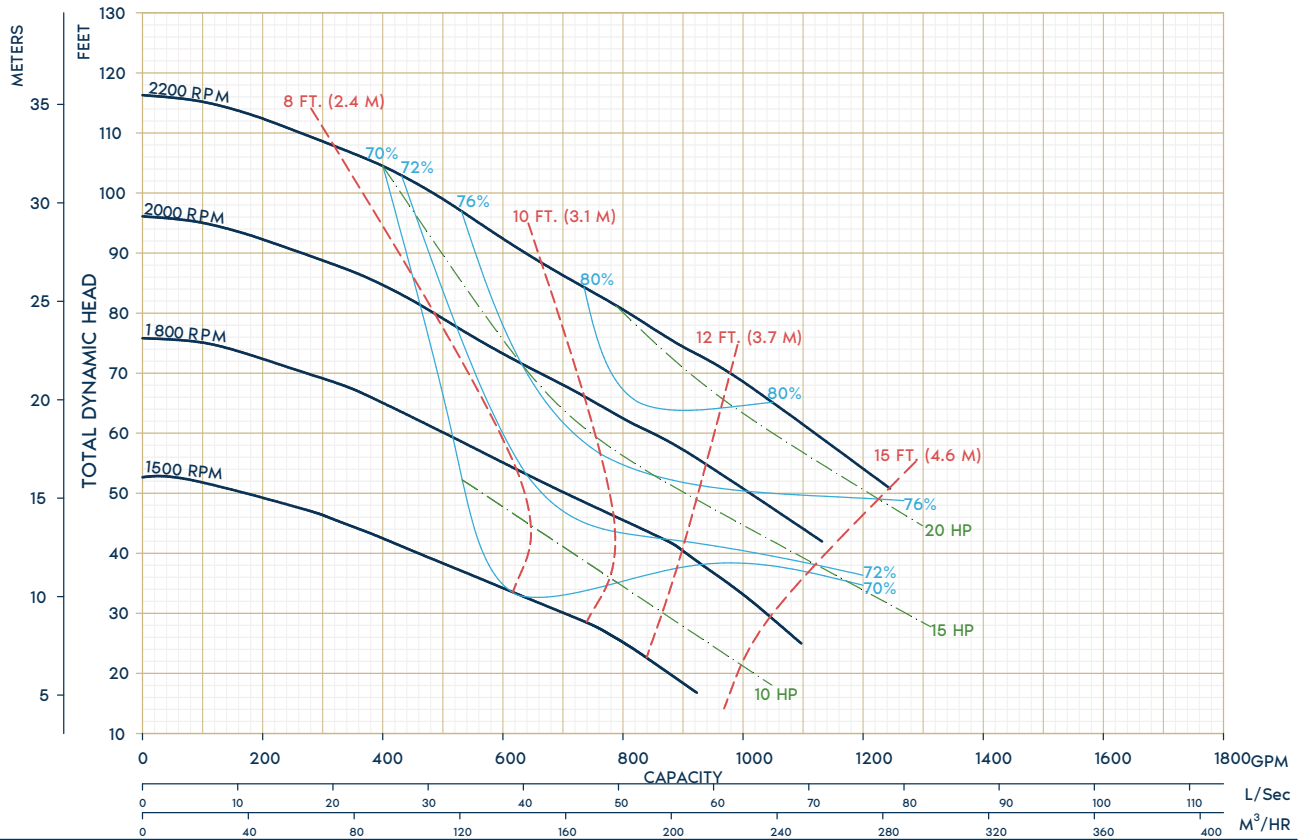
Swing type. Ductile iron w/Buna-N Disc



**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 <sub>s</sub>	Suction	Discharge	No. Vanes
VARIOUS	8.25"-0°	ENCLOSED	SINGLE	3"	2600	4"	4"	2



SHIPPING WEIGHT: 2365 LBS. (DRY)  
2865 LBS. (WET)

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

