

648-C

Vacuum Assisted. Heavy Duty Solids Handling Pump

PUMP

SUCTION SIZE

6" AISI 125# flange

DISCHARGE SIZE

4" AISI 125# flange

SOLIDS HANDLING

3"

Able to chop materials such as:

Plastic. Heavy rags. Grease. Hair balls.

Wood. Paper products. Stringy materials

MAX SUCTION LIFT

28'

VOLUTE CASING

Ductile cast iron

BACKPLATE

Ductile cast iron.

Adjustable back-plate for

impeller-to-cutter clearance

MECHANICAL SEAL

Tungsten vs. silicon carbide seal faces and stainless steel sleeve. Seal system designed for dry indefinite running

IMPELLER

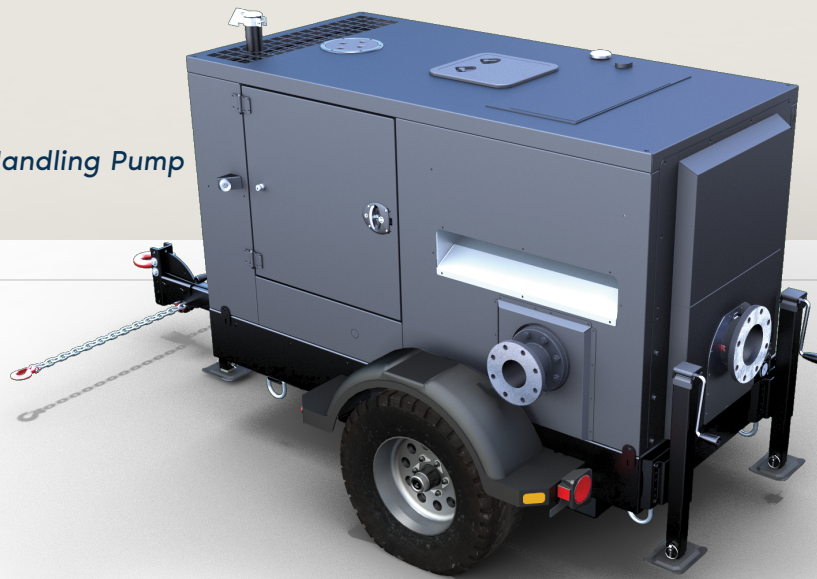
Cast Steel. Minimum Rockwell C 60. Impeller dynamically balanced cutter bar Identical Material

BEARING HOUSING

Oil lubricated. 100,000Hr B10 life. Ductile cast iron

SHAFT

Heat Treated Alloy Steel



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 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

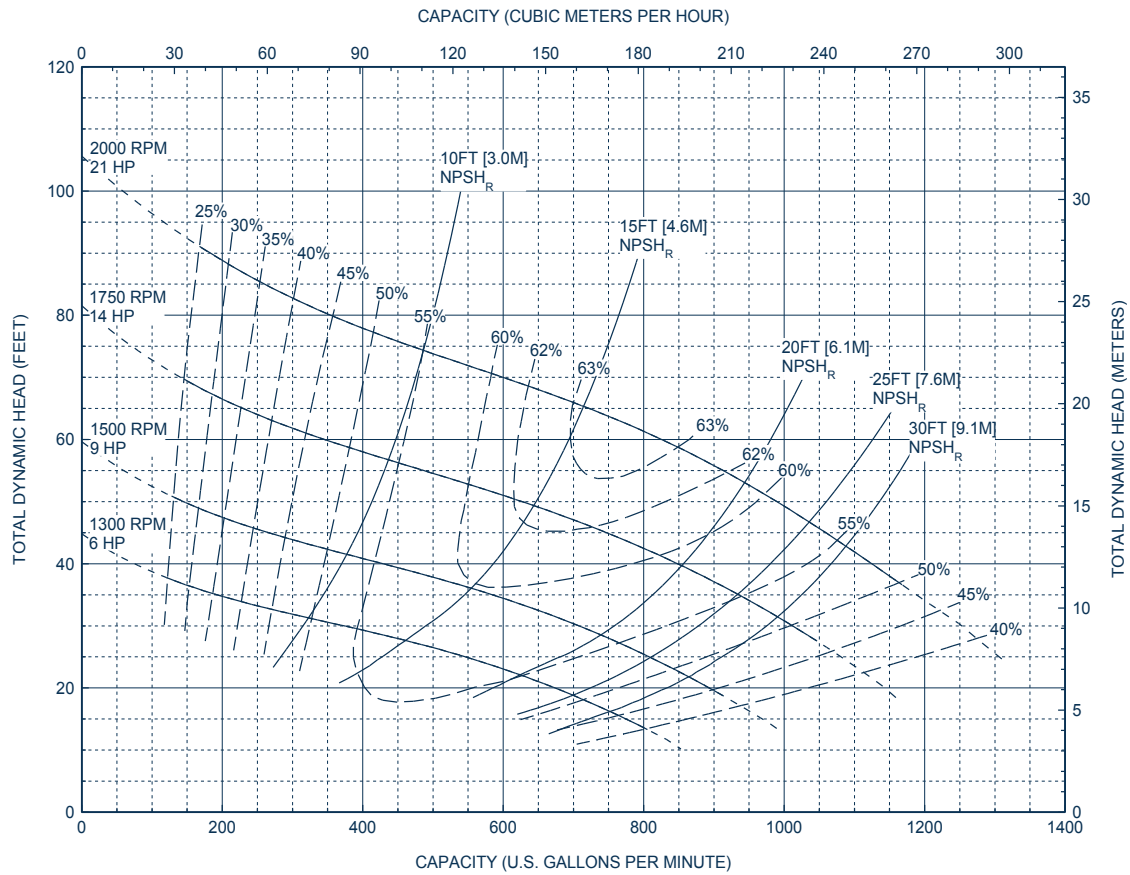
DISCHARGE CHECK VALVE

Swing type. Ductile iron w/Buna-N Disc

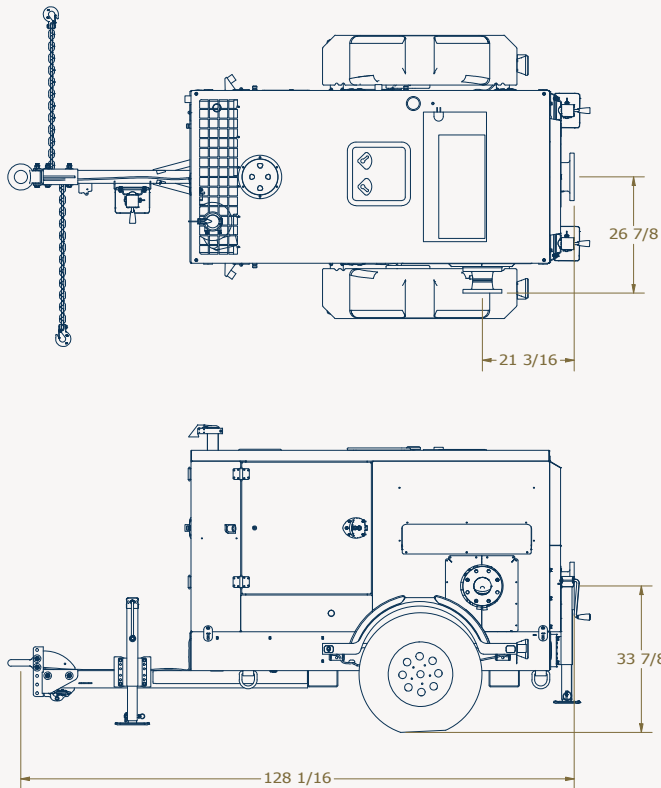
Contact us for custom
build features.



PREMIER
PUMP + POWER



Do not operate pump in dotted portion of curves. Pumps may exceed HP shown if operated in dotted portion of curve. Curves are subject to change w/out notice. Efficiencies shown are nominal bowl. Guaranteed minimum efficiencies per H.I. level A.



SHIPPING WEIGHT: 3000 LBS. (DRY)
3462 LBS. (WET)

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

