

8610-C

Vacuum Assisted.
Heavy Duty Solids Handling Pump

PUMP

SUCTION SIZE

8" AISI 125# flange

DISCHARGE SIZE

6" 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 CASTING

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

Deutz TD2.9

HORSEPOWER

74.2 HP @ 2200 RPM

OPERATING SPEED

900-2000 RPM

GOVERNOR

Electronic

FUEL CONSUMPTION

Max 4.6 Gal/Hr

SAFETY SHUT DOWN

Oil temp. Oil level. Coolant temp.

CONTROL PANEL

Controls Inc

*Contact us for custom
build features.*

FRAME

TYPE

Trailer

CONSTRUCTION

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

FUEL TANK

120 Gal

AXLE

Single 7000lb. Torsion Flex

BRAKES

Electric w/ DOT lighting package

PRIMING

PRIMING SYSTEM

50 CFM diaphragm vacuum pump.
Mechanically driven

AIR/WATER CHAMBER

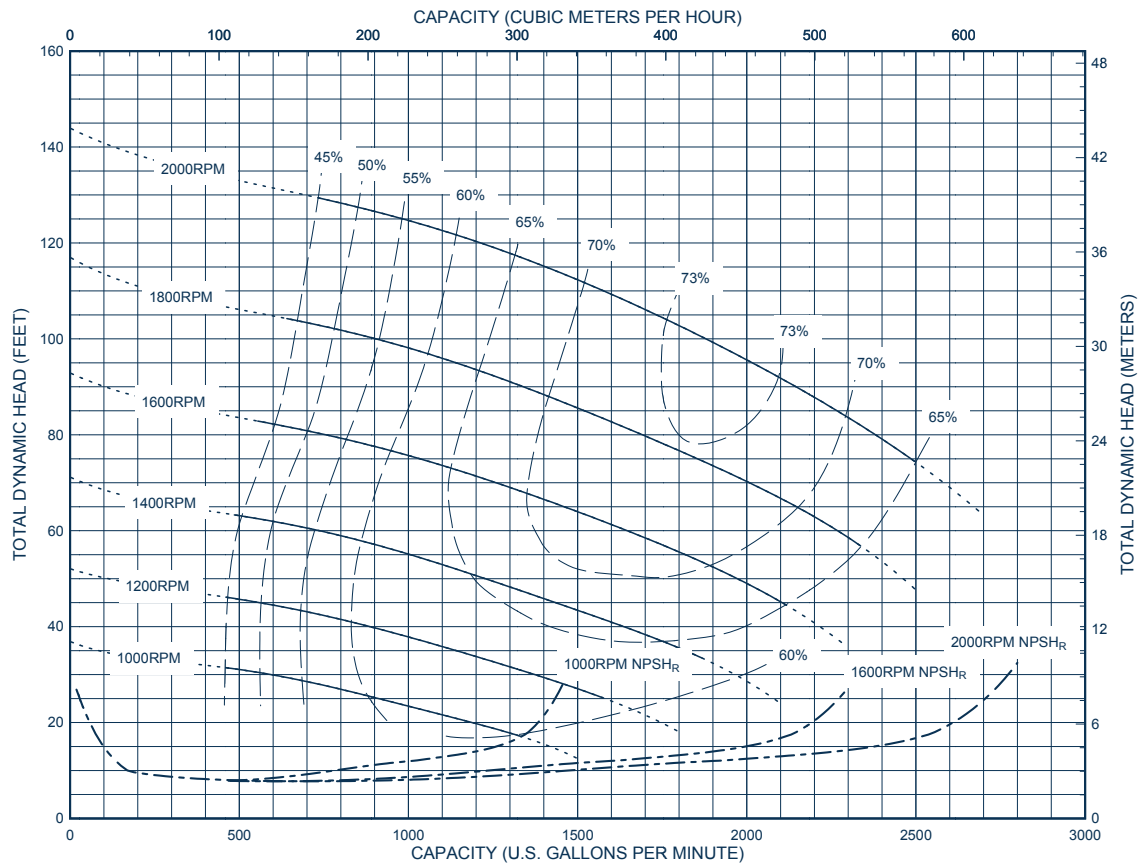
Chamber designed to separate air and
water before entering the pump case

DISCHARGE CHECK VALVE

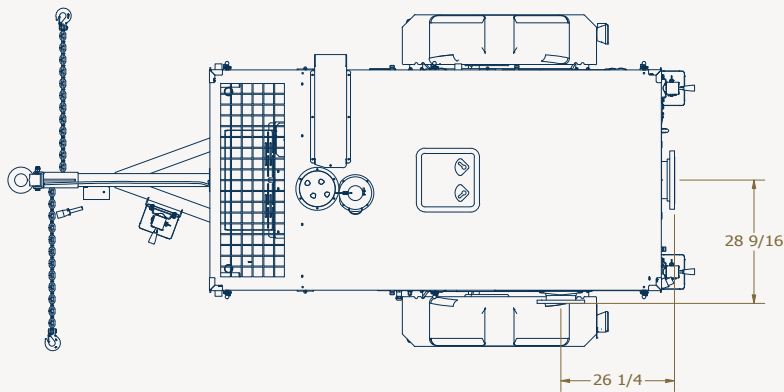
Swing type. Ductile iron w/Buna-N Disc



PREMIER
PUMP + POWER



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: 4740 LBS. (DRY)
5592 LBS. (WET)

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

