

4414

Vacuum Assisted. Heavy Duty Solids Handling Pump

PUMP

SUCTION SIZE

6" 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

Deutz TCD3.6

HORSEPOWER

134 HP @ 2200 RPM

OPERATING SPEED

800-2100 RPM

GOVERNOR

Electronic

FUEL CONSUMPTION

Max 7.2 Gal/Hr

SAFETY SHUT DOWN

Oil temp. Oil level. Coolant temp. DEF Regen

CONTROL PANEL

Controls Inc

FRAME

TYPE

Trailer

CONSTRUCTION

Heavy duty. powder coated. Fabricated steel. Fork pockets and lifting frame

FUEL TANK

150 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

Contact us for custom
build features.



P R E M I E R
P U M P + P O W E R

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	14"	ENCLOSED	SINGLE	3"	1310	4"	4"	2

