

121217

Vacuum Assisted. Heavy Duty Solids Handling Pump

PUMP

SUCTION SIZE

12" AISI 125# flange

DISCHARGE SIZE

12" AISI 125# flange

SOLIDS HANDLING

3.38"

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. ASTM A48 class 30 cast iron

BEARING HOUSING

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

SHAFT

17-4 Stainless steel
ASTM A564. A747

DRIVE

MODEL

John Deere 6068CI550

HORSEPOWER

250 HP @ 2400

OPERATING SPEED

800-1800 RPM

GOVERNOR

Electronic

FUEL CONSUMPTION

Max 11.5 Gal/Hr

SAFETY SHUT DOWN

Oil temp. Oil level. Coolant temp. DEF Regen

CONTROL PANEL

Controls Inc

Contact us for custom
build features.

FRAME

TYPE

Trailer

CONSTRUCTION

Heavy Duty. Powder Coated Fabricated Steel w/Lifting Frame

FUEL TANK

180 Gal

AXLE

Dual 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



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	15.5" - 12"	ENCLOSED	SINGLE	3.38"	3270	12"	12"	2

