



PREMIER PUMP & POWER
THE WAVE OF THE FUTURE

PREMIER PUMP & POWER

SPECIFICATION SHEET FOR MODEL 8NHTA Trailer Mounted Trash Pump

VACUUM ASSISTED, HEAVY DUTY
SOLIDS HANDLING PUMP

PUMP SPECIFICATIONS

Size	10" X 8" AISI 150# flanges
Wear Ring	ASTM A48 class 30 cast iron
Volute Casing	ASTM A48 class 30 cast iron
Backplate	ASTM A48 class 30 cast iron
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 port, non clog, w/3.38 inch spherical solids handling capability. ASTM A48 class 30 cast iron
Bearing Housing	ASTM A48 class 30 cast iron
Pump-end Bearing	Single row ball – 6316-C3
Drive-end Bearing	Duplex angular contact ball – 7316-C3
Shaft	4140 steel
Lip Seals	CR type, single lip
Discharge check valve	Swing type, ductile iron w/Buna-N disc

PRIMING

Priming System	50 CFM diaphragm vacuum pump Standard steel
Separator Spool	Chamber designed to separate air and water before entering the pump case
Air/Water Chamber	



ENGINE SPECIFICATIONS

Model	Scania Model DC09 Final Tier 4
Horsepower	316 intermittent horsepower @ 2100 RPM six cylinder, four cycle, water cooled diesel engine
Governor	Electronic
Fuel Consumption	14.1 Gallons Per Hour @ Max RPM
Safety Shut Down	Low Oil Pressure, High Temperature
Instrument Panel	Lofa CP750 auto start

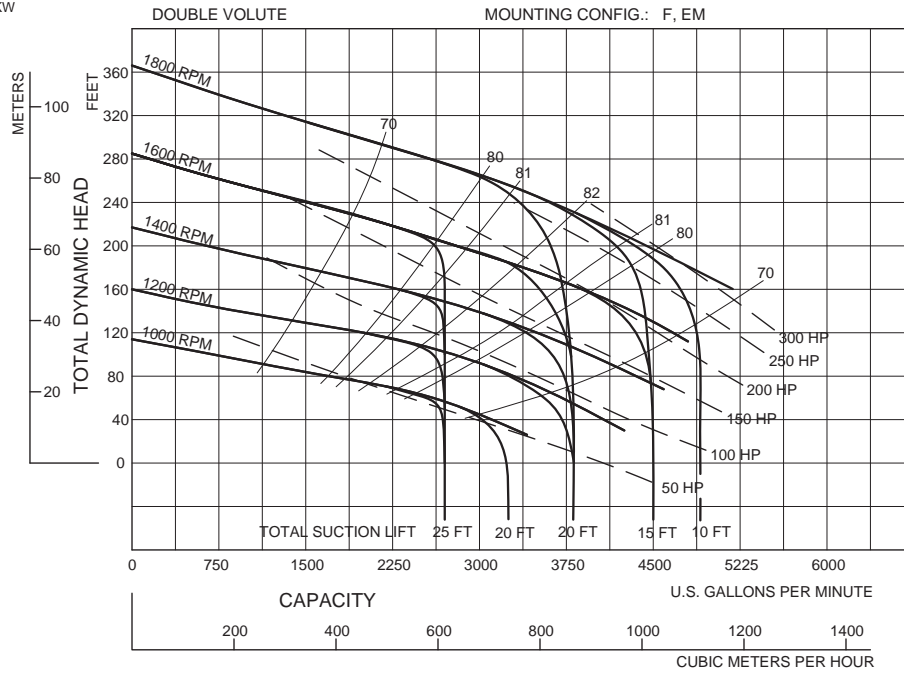
STANDARD TRAILER

Frame	Heavy duty, powder coated fabricated steel frame with lifting bale
Fuel Tank	180 gallon fuel cell
Axel	Dual 7000# Torsion Flex
Brakes	Electric with DOT lighting package

PERFORMANCE CURVE

Feet x .305 = Meters
 Inches x 25.4 = Millimeters
 GPM x .227 = Cubic Meters/Hour
 GPM x 3.785 = Liters/Minute
 HP x .746 = KW

Speed	Impeller Dia.	Style	Solids Dia.	N _S	Suction	Discharge	No. vanes
VARIOUS	17.5"	ENCLOSED	3.38"	1760	10"	8"	2



Premier Pump and Power, LLC

8NHTA REDI • PRIME® - VARIOUS RPM

DIMENSIONAL DRAWINGS