



a premier pump product

## SPECIFICATION SHEET FOR MODEL 6" Trailer Mounted Chopper Pump

VACUUM ASSISTED, HEAVY DUTY SOLIDS  
HANDLING PUMP

### PUMP SPECIFICATIONS

Size	8" X 6" AISI 125 # flanges
Impeller/Cutter Bar	Cast Steel, heat treated to minimum Rockwell C 60. Impeller dynamically balanced
Casing/Back Pull-Out Plate	Ductile Cast Iron. Back pull-out design shall incorporate adjusting sleeves for external adjustment of impeller-to-cutter bar clearance
Mechanical Seal	Cartridge type with tungsten carbide faces
Thrust Bearings	Back-to-back angular contact ball type, grease lubricated
Radial Bearings	Ball type, grease lubricated
Shaft	Heat treated steel
Elastomers	Buna N
Discharge check valve	Swing type, ductile iron w/Buna-N disc

### PRIMING

Priming System	Vacuum Pump: 50 CFM air flow capacity, diaphragm style continuous vacuum, mechanically driven
Separator Spool	Standard steel
Air/Water Chamber	Chamber designed to separate air and water before entering the pump case



### ENGINE SPECIFICATIONS

Model	Cummins Model QSF2.8 Final Tier 4
Horsepower	74 intermittent horsepower @ 2500 RPM Four cylinder, four cycle, water cooled diesel engine
Governor	Electronic
Fuel Consumption	3.9 Gallons Per Hour @ Max RPM
Safety Shut Down	Low Oil Pressure, High Temperature
Instrument Panel	Lofa CP750 auto start control

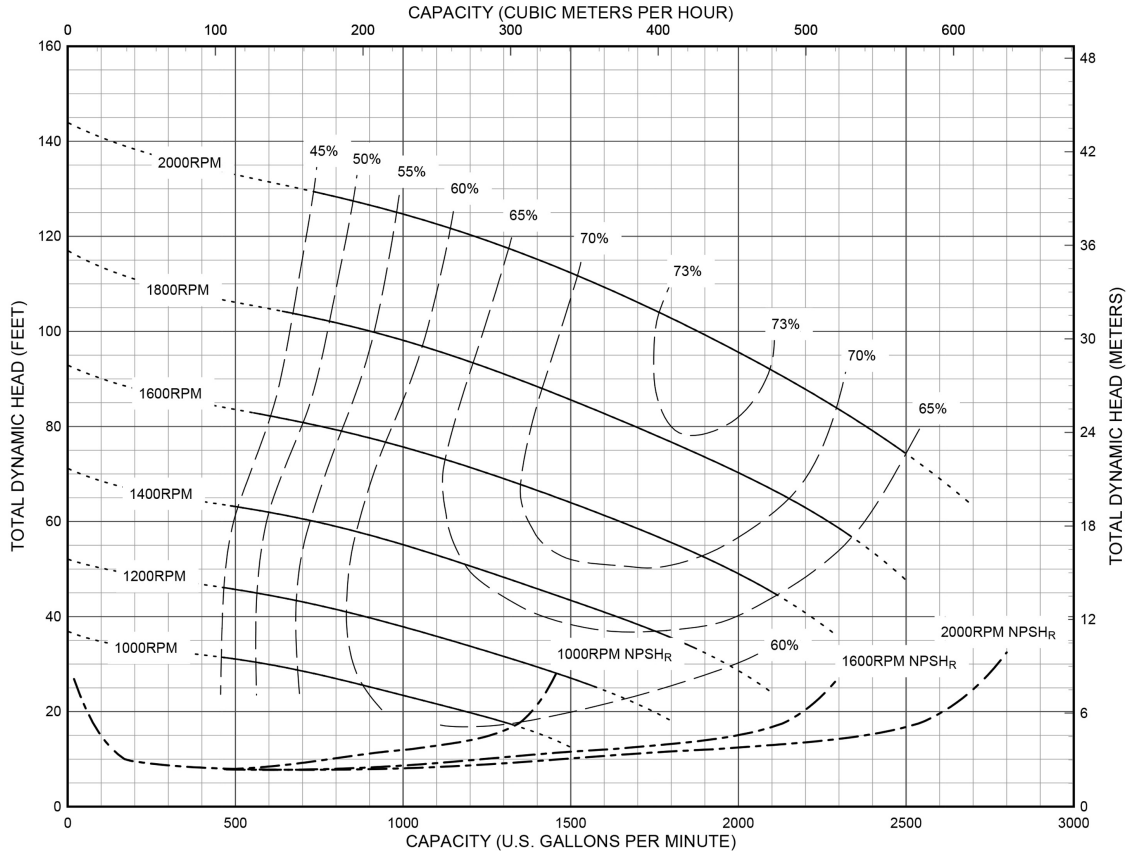
### STANDARD TRAILER

Frame	Heavy duty, powder coated fabricated steel frame with lifting bale
Fuel Tank	120 gallon HDPE fuel cell
Axle	5200# Torsion Flex
Brakes	Electric with DOT lighting package

### ENCLOSURE

Material	14 Gauge solid steel outer shell
Finish	Powder coated
Sound Barrier	1"- 2" Acounstical foam insulation
Access Panels	Hinged, lockable swinging doors for easy access to pump and engine.
Sound Level	Unit not to exceed 70 DBA @ 30'

# PERFORMANCE CURVE



# DIMENSIONAL DRAWINGS

5048.6 lbmass

ITEM	QTY	PART NUMBER	DESCRIPTION
1	1	PPP-ENCL-THE6W8	E6 ENCLOSURE - THE6W8
2	1	THE6W8-PP-QSF2.8-T120-SA-LOWER	LOWER - CUMMINS 74HP THE6W8-PP

1 of 1

STANDARD TOLERANCES:  
 UNLESS OTHERWISE SPECIFIED:  
 MILLIMETERS: 1:20  
 DECIMAL INCHES: 1:100

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 DATE: 3/4/2018

QSF28 T4F / THE6W8-PP / T120 / SA  
 MATERIAL: ASSEMBLY  
 PART NUMBER: THE6W8-PP-QSF2.8-T120-SA