



Efficient by Design

# 4ST

## SELF PRIMING TRASH PUMP



### PRODUCT CAPABILITIES

Size	4" x 4"
Capacities To	800 GPM
Total Dynamic Heads	130 Ft.
Solids Handling	3" Dia
Repriming Lifts To	25 Ft.
Flanges	4" NPT or ANSI 125lb
Impeller	Semi-open, 2 Vane Trash Handling
Approx. Weight	595lbs
Bearing Housing	Separate oil reservoir w/ dual bearing protection
Mounting Options	Pedestal Frame Mount, Engine Mount (SAE #4), Base Mount

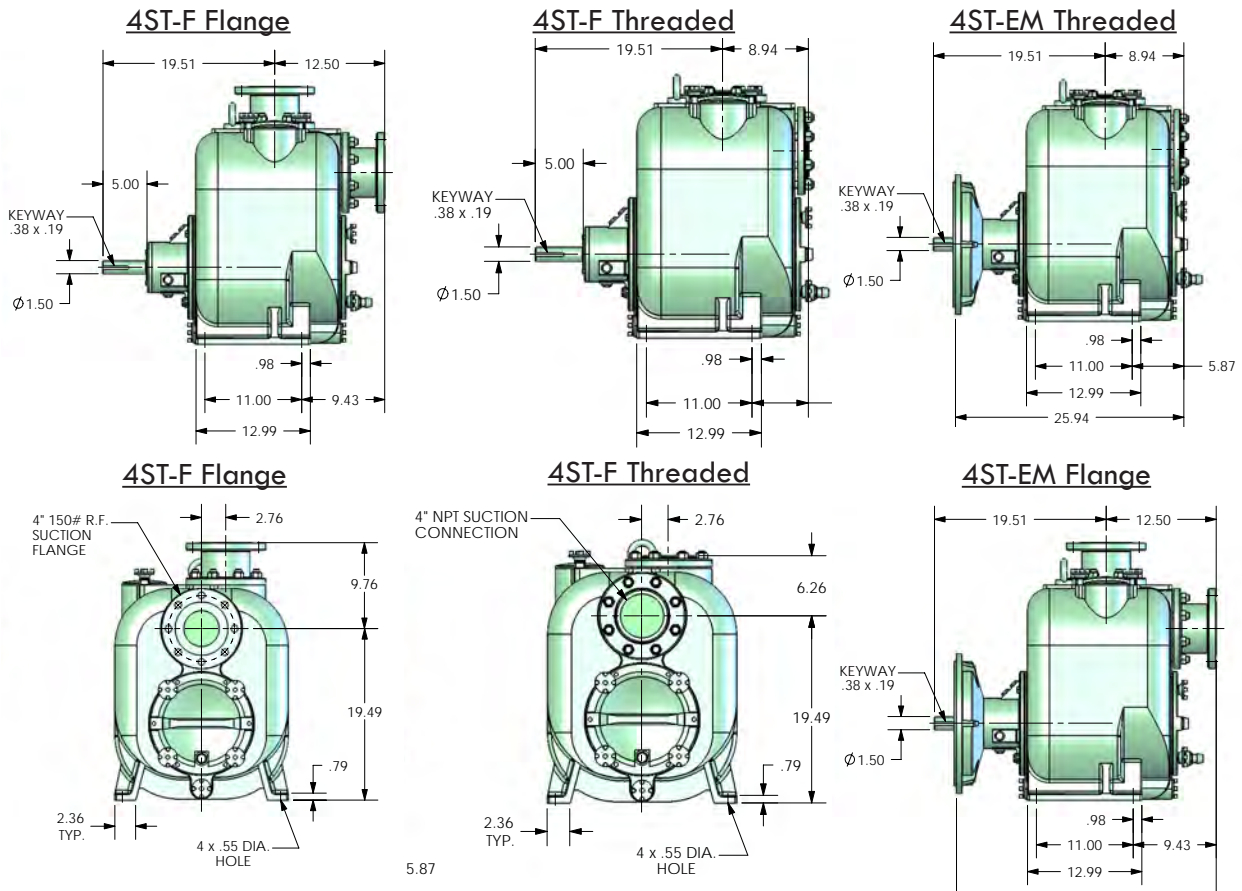
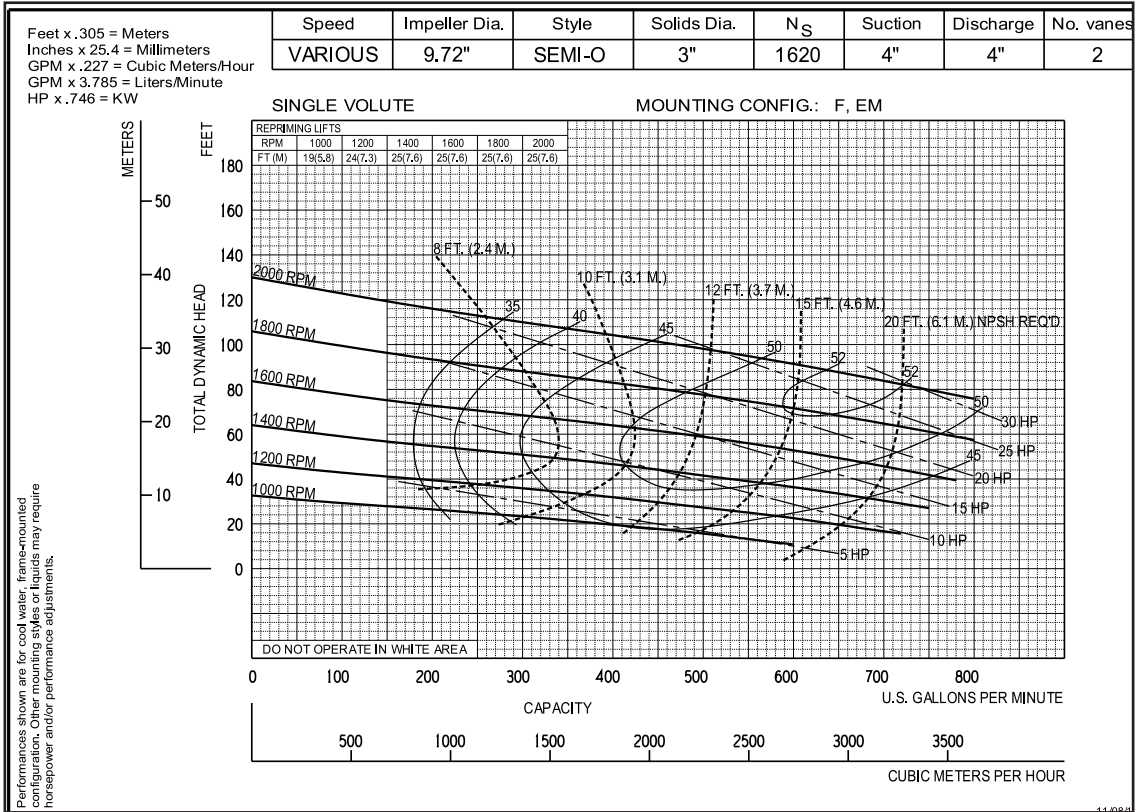
### MATERIALS OF CONSTRUCTION

Materials	All Iron w/ Ductile Iron Volute & Impeller or Hard Iron Fitted* or 316SS Fitted*
Shaft	4130HT Steel or Duplex Stainless Steel*
Bearings	Pump End: Ball Bearing Drive End: Dual Ball Bearing
Wear Plates	Oil resistant, rubber coated or Stainless Steel* or Hardened Iron*
Gaskets	Buna or Viton*
Pressure Relief Valve	Brass
Suction Check Valve	Canvas Reinforced Nitrile Rubber or Viton*
Mechanical Seal	Self aligning Silicon-Carbide Seal w. oil lubrication

\*optional  
Other material options available

- ✓ Shimless impeller clearance adjustment
- ✓ Easily removable coverplate
- ✓ Back pullout rotating assembly
- ✓ Dual protection of bearings
- ✓ Atmospheric barrier and dual lip seals
- ✓ Volute passes full solid size
- ✓ Exclusive rubber lined dual wear plates
- ✓ Easily replaceable suction check valve
- ✓ Heavy duty bearings
- ✓ Heavy duty castings
- ✓ Solids handling impeller
- ✓ Self aligning Silicon-Carbide seal w/ oil lubrication
- ✓ Rapid Self-Priming
- ✓ No need for discharge check valve
- ✓ Optional casing heater

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Other mounting configurations available