

# S150 M

Market leader product when it comes to solids handling



## Built to Last

Our solids handling pumps are built with the highest quality materials available.

This model is made with stainless steel interiors; highly resistant to abrasion and corrosion.



## Easy to Maintain

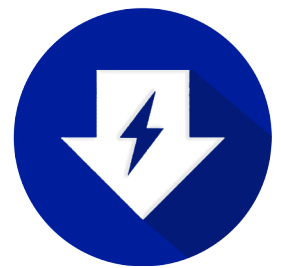
Our pumps are easy to operate and maintain.

Its robust construction and tough materials means they're durable, reliable and cost less over their life cycle.



## The King of Solid Handling

Their vortex-flow design is perfect for pumping applications such as: slurry and sludge, sewage, water with large solids, and water containing rags and fibres.



## Optimal Power Utilization

Our pumps are equipped with the highest quality engines.

Making it operate at optimum efficiency point with lower power consumption.

The S150 M is specially designed to handle the toughest dewatering, sewage, and sludge applications. It's able to perform efficiently in the most challenging environments such as construction and civil engineering, oil and gas, pollution control and industrial settings.

#### Application:

- **High head slurry**
- Waterfill
- Pipeline testing & cleaning
- Water boosting
- High volume jetting

#### Engine Option

Caterpillar C4.4 Acert

#### Specification

Max Flow Rate : 720 m<sup>3</sup> / Hr  
 Shut Off Head : 70 m  
 Max Solid Size : 76 mm  
 pH Range : 3 - 7

#### Seal

Mechanical Seal

#### Pump Material

Casing : SG Iron 500/7  
 Impeller : Stainless Steel 316  
 Wear Plates : Stainless Steel 316  
 Shaft : Stainless Steel 431  
 NRV Body : Cast Iron Grade 220  
 Pump End Bearing : Taper Roller  
 Drive End Bearing : Taper Roller

#### Operational

- Main Pump
- Booster Pump

## Digital Monitoring System

Our pumps are equipped with the latest technology to help you track and measure what matters most.



HMI (Human Machine Interface)

#### Benefits

- Visually display data
- Track production time, trends, and tags
- Oversee KPIs
- Monitor machine inputs and outputs

#### Data Monitoring

- Pump status on/off
- Pump Rpm
- HM Unit
- Engine Oil Temperature
- Collant Temperature
- Inclination
- Etc

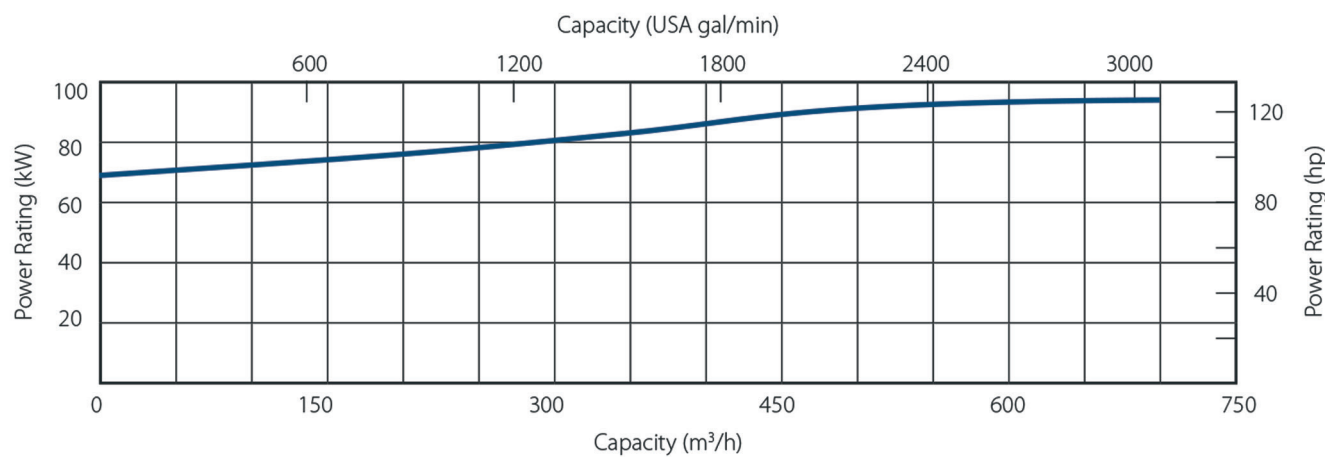
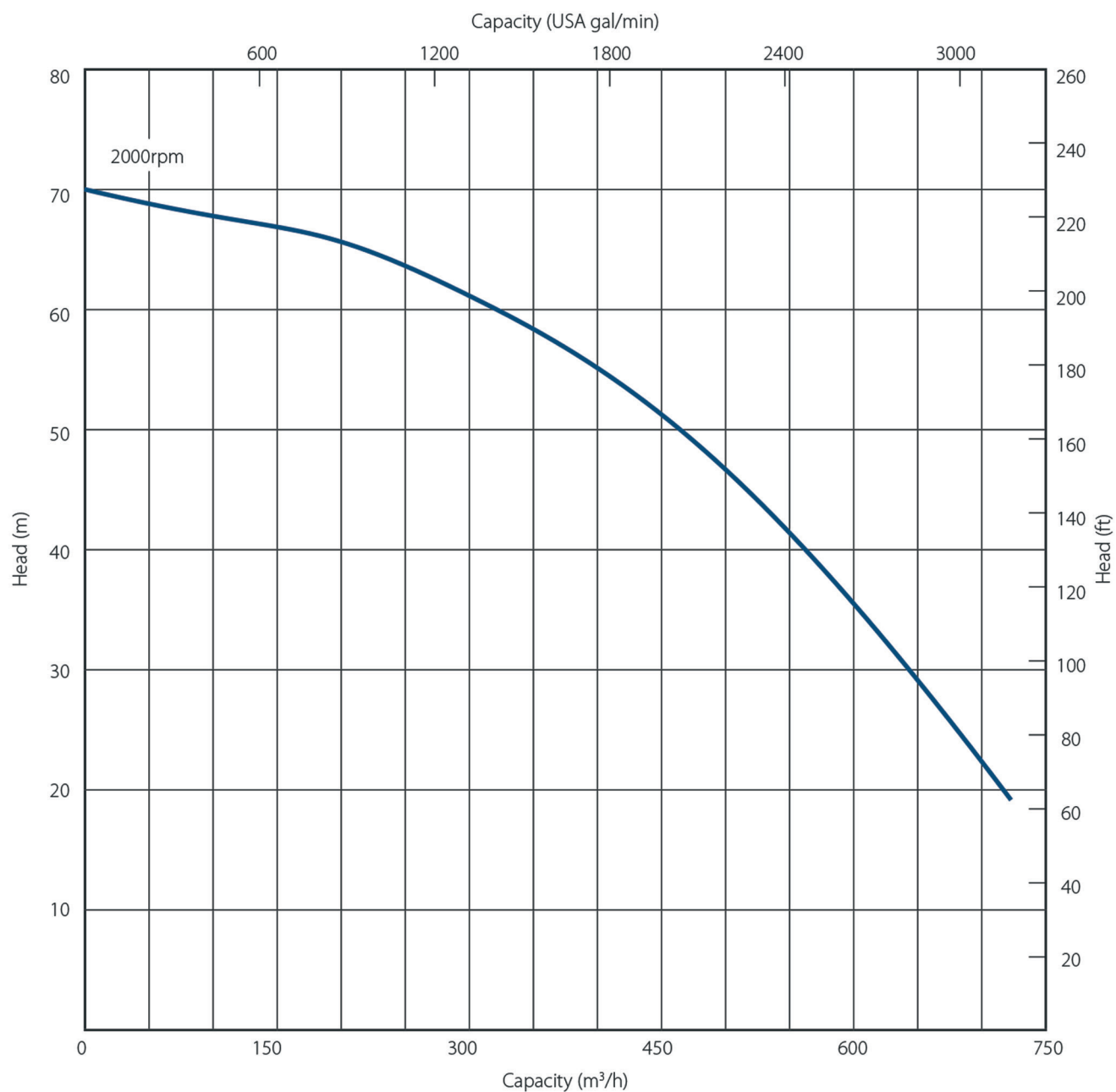
NO	DESCRIPTION	MAIN PUMP	BOOSTER PUMP	REMARKS
1	Lean Angle Sensor	✓		15° RH→LH & Front→Rear
2	Suction Pressure Sensor		✓	2 Bar
3	Discharge Pressure Sensor	✓	✓	8,5 Bar
4	Bearing Vibration Sensor - Rear	✓	✓	18 mm/Sec
5	Bearing Vibration Sensor - Front	✓	✓	18 mm/Sec
6	Water Lose / Dry Running Sensor	✓	✓	50% x Ø
7	Shaft Sleeve Temperature Sensor	✓	✓	80° C
8	Bearing Temperature Sensor - Rear	✓	✓	90° C
9	Bearing Temperature Sensor - Front	✓	✓	90° C

These parameters are measured from our safety device and monitored by computerized systems.

All parameters can also be **monitored** from control room **via mobile phone**.

# S150 M

## Performance Curves





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