

# IMS Model 1008 Booster Pump



## OPERATING DIMENSIONS

Length	19 ft. 0 in. (5.79 m)
Width	7 ft. 6 in. (2.29 m)
Height	6 ft. 8 in. (2.03 m)
Weight (less fuel)	13,900 lbs. (6,304 kg) Approximately

## ENGINE

Type	John Deere 6068
Rated Performance	250 bhp (186 bkW) @ 2,400 rpm, Int.
Fuel Capacity	190 gal (719 liters)
Maximum Fuel Consumption	12.4 gal/hr (46.9 l/hr)
Drive Type	Belt Drive

## DREDGE PUMP

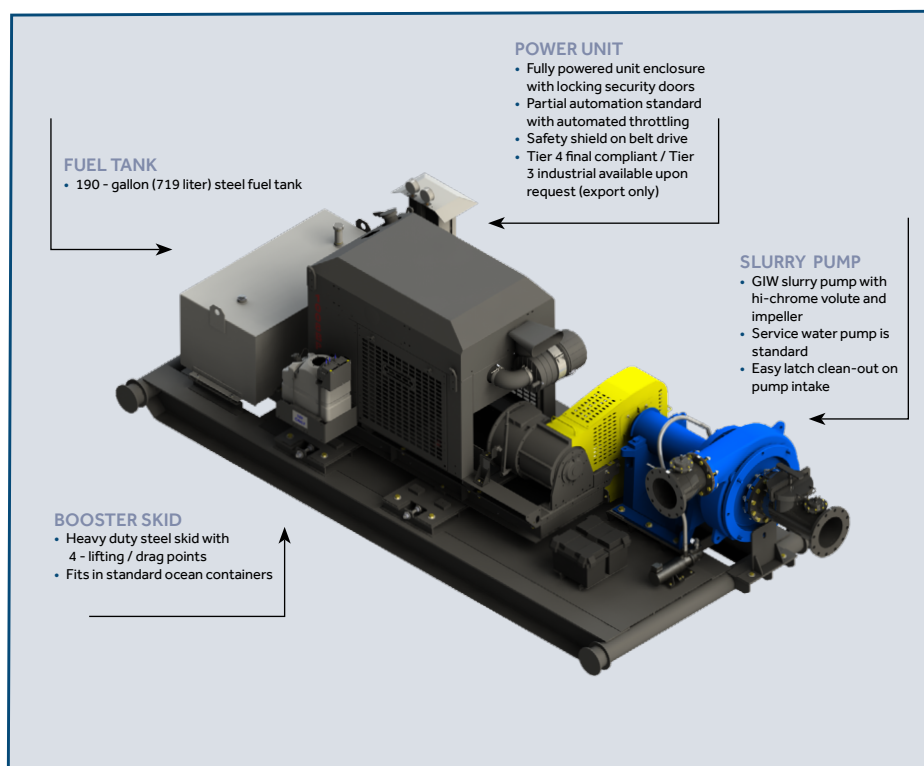
Type	GIW Cast Iron LCC-M 200-610
Discharge Diameter	8 in. (203 mm)
Suction Diameter	10 in. (254 mm)
Impeller Diameter	19.21 in. (487.9 mm)
Sphere Passage	4 in. (10.1 mm)
Pump Performance	3,500 gpm (220 liter/sec.) @ 140 ft. (42.6 m) TDH (water) @ 1170 rpm
Construction	Impeller and volute cast from high chrome Gasite iron



An IMS 1008 Booster Pump on the factory floor ready for shipment.



An IMS 1008 Booster Pump in operation.



## STANDARD EQUIPMENT

Heavy Duty Steel Skid (fits in Ocean Container)  
Lockable Engine Enclosure  
Service Water Pump  
Partial Automation (throttle up / throttle down)

## CUSTOM OPTIONS

Electric Powered  
Full Automation (armored fiber optic communication)  
Floating Platform  
Picker Crane for Maintenance  
Work Lights  
Custom Paint Job



Ph: 913-642-5100 or 866-467 4010 (USA Only)

Fax: 913-642-5119

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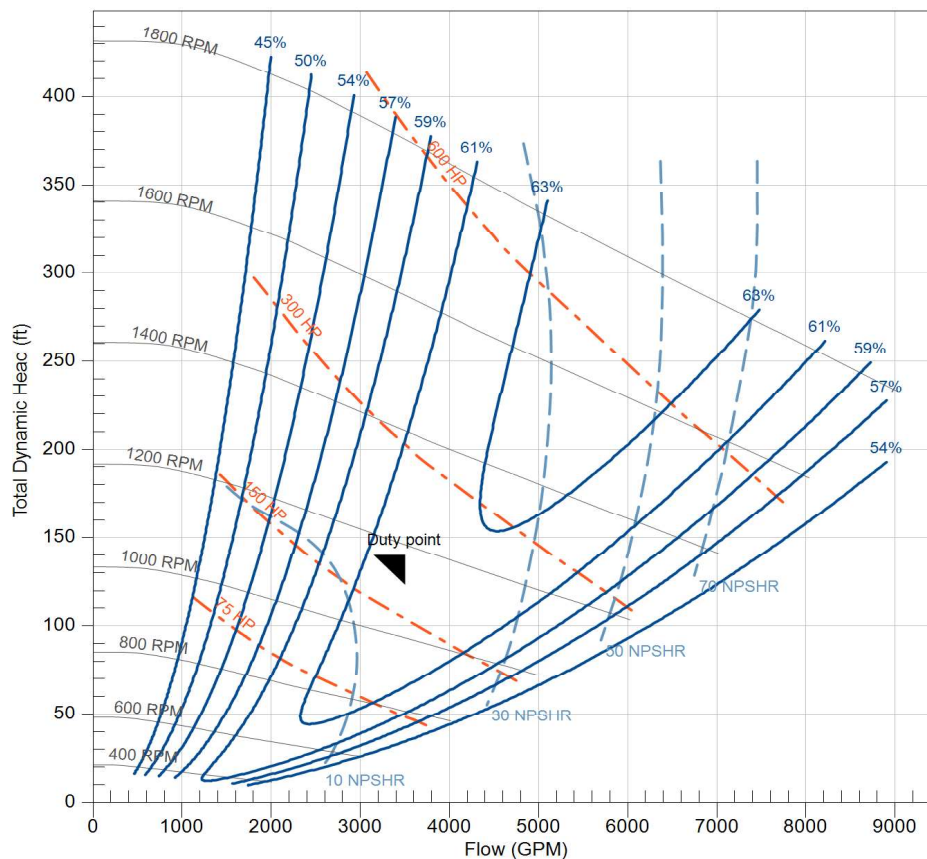
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## 8x10 Boost Pump Data Sheet Multi-speed Pump Performance

Pump Type	Model	Vane Diameter	Free Passage	Frame Size	Seal Type	Curve Number	Performance Basis (CS)
LCC 8x10-24(M-E)	CH6-/3ME 5-13/16	19.21"	4.0x 4.0"	4	E	E 19 -15	B 14 -15

Curve is valid for clear water only. The effects of specific gravity, viscosity and solids on performance with slurry must be accounted for. Alternate choice for frame size or seal type may also have some effects. Refer to output for RPM, Efficiency, and Power corrected for the effect of slurry.



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NOTE: Specifications subject to change without notice.



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