

IMS Model 1012 Booster Pump



OPERATING DIMENSIONS

Length	19 ft. 5 in. (5.91 m)
Width	7 ft. 6 in. (2.29 m)
Height	8 ft. 0 in. (2.43 m)
Weight (less fuel)	15,700 lbs. (7,120 kg) Approximately

ENGINE

Type	John Deere 6090
Rated Performance	325 bhp (242 kW) @ 2,200 rpm, Int.
Fuel Capacity	190 gal (719 liters)
Maximum Fuel Consumption	15.9 gal/hr (60.2 l/hr)
Drive Type	Belt Drive

DREDGE PUMP

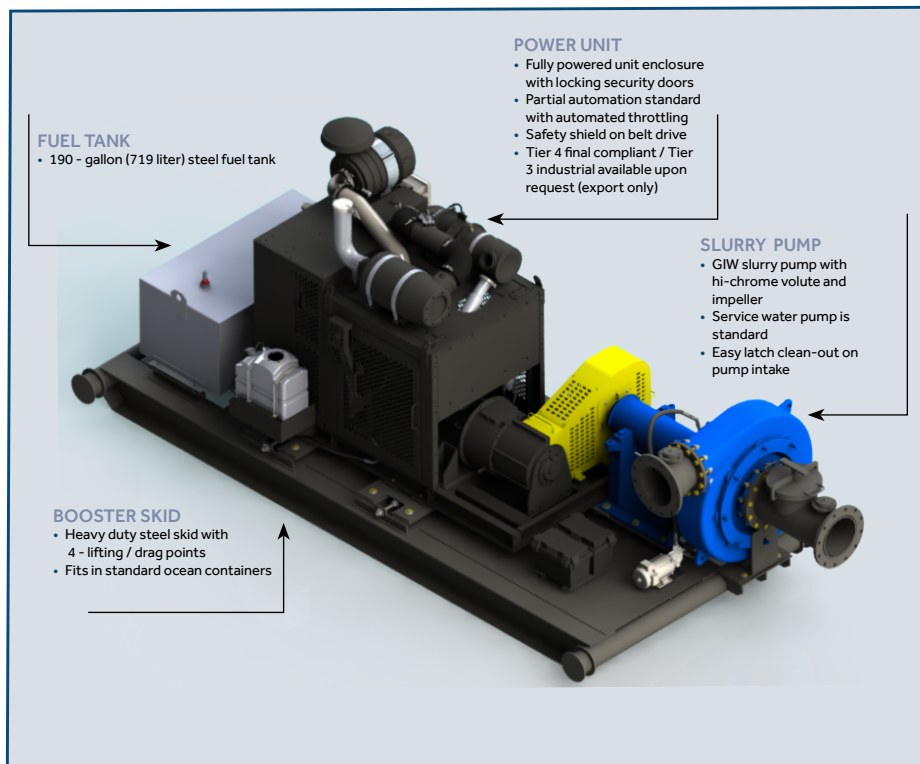
Type	GIW Cast Iron LCC-M 250-660-501
Discharge Diameter	10 in. (254 mm)
Suction Diameter	12 in. (304 mm)
Impeller Diameter	26 in. (660 mm)
Sphere Passage	5 in. (127 mm)
Pump Performance	4,000 gpm (252 liter/sec.) @ 170 ft. (51.8 m) TDH (water) @ 884 rpm
Construction	Impeller and volute cast from high chrome Gasite iron



An IMS 1012 Booster Pump on the factory floor ready for shipment.



An IMS 1012 Booster Pump in operation with a 7012HP Versi-Dredge at a mine site in the United States.



Five IMS 1012 Booster Pumps with optional picker cranes, work lights, and custom paint job.

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



Recipient of the U.S. President's E-Award



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

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IMS, A DIVISION OF EDT

NOTE: Specifications subject to change without notice.

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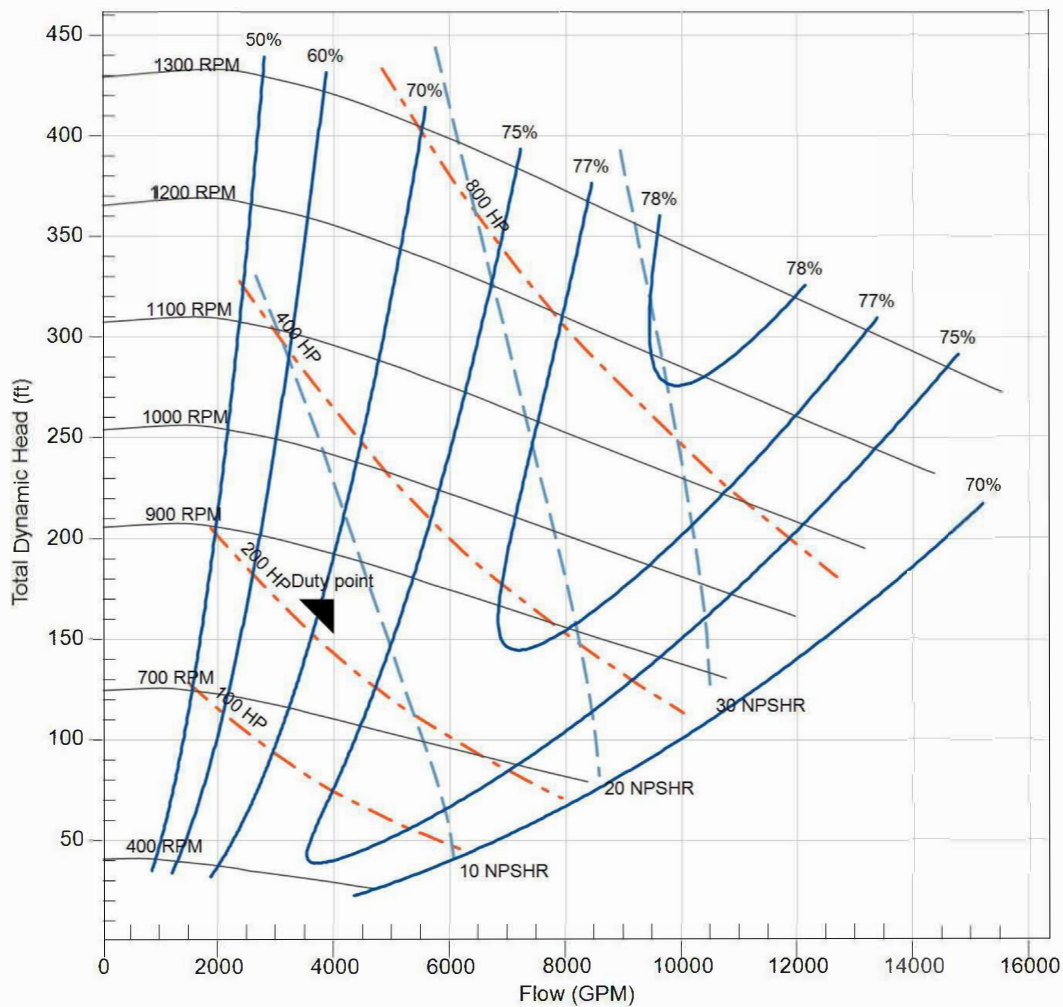
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10x12 Booster Pump Data Sheet Multi-speed Pump Performance

Pump Type	Model	Vane Diameter	Free Passage	Frame Size	Seal Type	Curve Number	Performance Basis (SP)
LCC-M250-660	10" Disch, 12" Suct	26.00"	5.0x5.63"	5	E	E 56 -14	B 50 -14

Clear Water Performance 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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