



# 1,825kW self-supporting booster

The IHC Booster 1,825kW is a versatile and robust booster station that is equipped with state-of-the-art technology and significantly improves the productivity of your dredger over longer pumping distances. The pump system is reliable, fuel-efficient and has low maintenance costs.

## Key features

- the HRMD CURVE™ pump that combines great wear resistance and high efficiency providing high availability
- self-supporting on land and water with air cooling, integrated fuel tank and no-flush pump seal (no additional water required)
- 40' high cube container transport dimensions.

## Dimensions

Total length, approx.	12.2m
Total width, approx.	2.45m
Total height, approx.	5.15m
Container size for transport	40' high cube
Weight	approx. 52,000kg
Pipe line diameter	650mm
Total installed power	1,825kW.

## Dredge pump

Type	IHC HRMD 121-26-60, with Curve® impeller inside
Engine type	Caterpillar 3516C SCAC
Continuous engine power	1,825kW (1,600rpm)
Specific fuel consumption	206.9g/kWh.

## Electrical installation

Voltage	24V DC
Battery capacity	400Ah.

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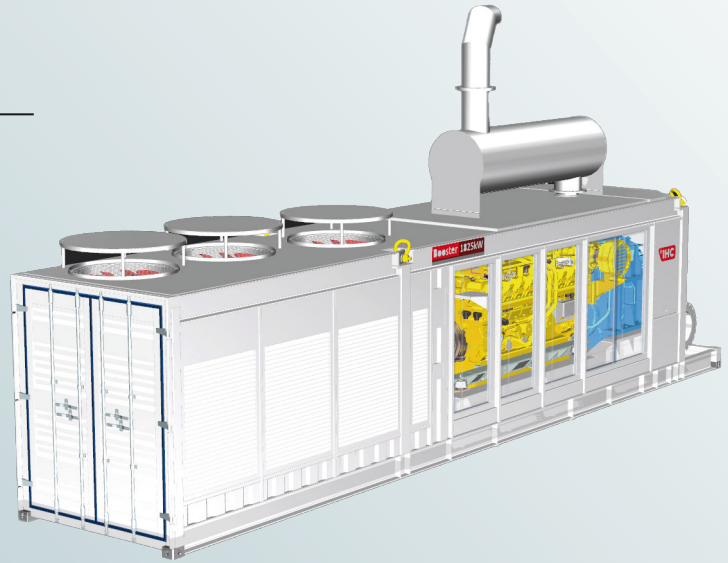
## Other features

- standard design, allowing for competitive pricing
- spare parts available from stock
- durable heavy-duty marine engine compliant with IMO Tier II
- efficient fuel consumption
- dredge pump driven through integrated bearing block, clutch and reduction gearbox
- white iron-wear parts for the dredge pump
- completely assembled and fully tested before delivery
- ready for operation on arrival at site
- one man operation.

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## Optional extra's

- remote control from dredger
- portable fire extinguisher
- 4 bladed impellor
- aerator
- non return valve



Adding a booster significantly increases production levels when pumping over longer distances. Royal IHC can help with selecting the right position and estimating the actual output in combination with your dredger.

