



895kW self-supporting container booster

The Royal IHC 895kW booster 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 option to adapt to pipelines ranging from 400 to 500mm enables your vessel to work across various dredging projects. The pump system is reliable, fuel-efficient and has low maintenance costs.

Key features

- Cutter Special® pump combines high efficiency with a large ball passage to provide a high level of availability
- self-supporting on land and water with air cooling, integrated fuel tank and no-flush pump seal (no additional water required)
- it can be transported as a 20' high cube offshore container
- certified according to ISO 1496 and CSC (Container Safety Convention) for container shipping, and according to DNV 2.7-1 and EN 12079 for offshore transport and lifting.

Dimensions

Total length	6.69m
Total width	2.77m
Total height	3.36m
Container size for transport	20' high cube
Weight, approx	28,000kg
Pipe line diameter	400-500mm
Total installed power	895kW

Dredge pump

Type	IHC HRCS 108-23-45, single-walled
Engine type	Caterpillar C32 TTA Acert
Heavy duty power	895kW (1,800rpm)
Specific fuel consumption	205.9g/kWh
Ball passage	225mm

Electrical installation

Voltage	24V DC
Battery capacity	220Ah

Other features

- standard design, allowing for short delivery times and 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.

Optional extra's

- remote control from dredger
- portable fire extinguisher.

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.

