



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.

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 |

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 and CSC (Container Safety Convention) for container shipping, and according to DNV 2.7-1 and EN 12079 for offshore transport and lifting.

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
- aerator
- non return valve
- fuel fill pump
- container sled
- anti-condens heating

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.

