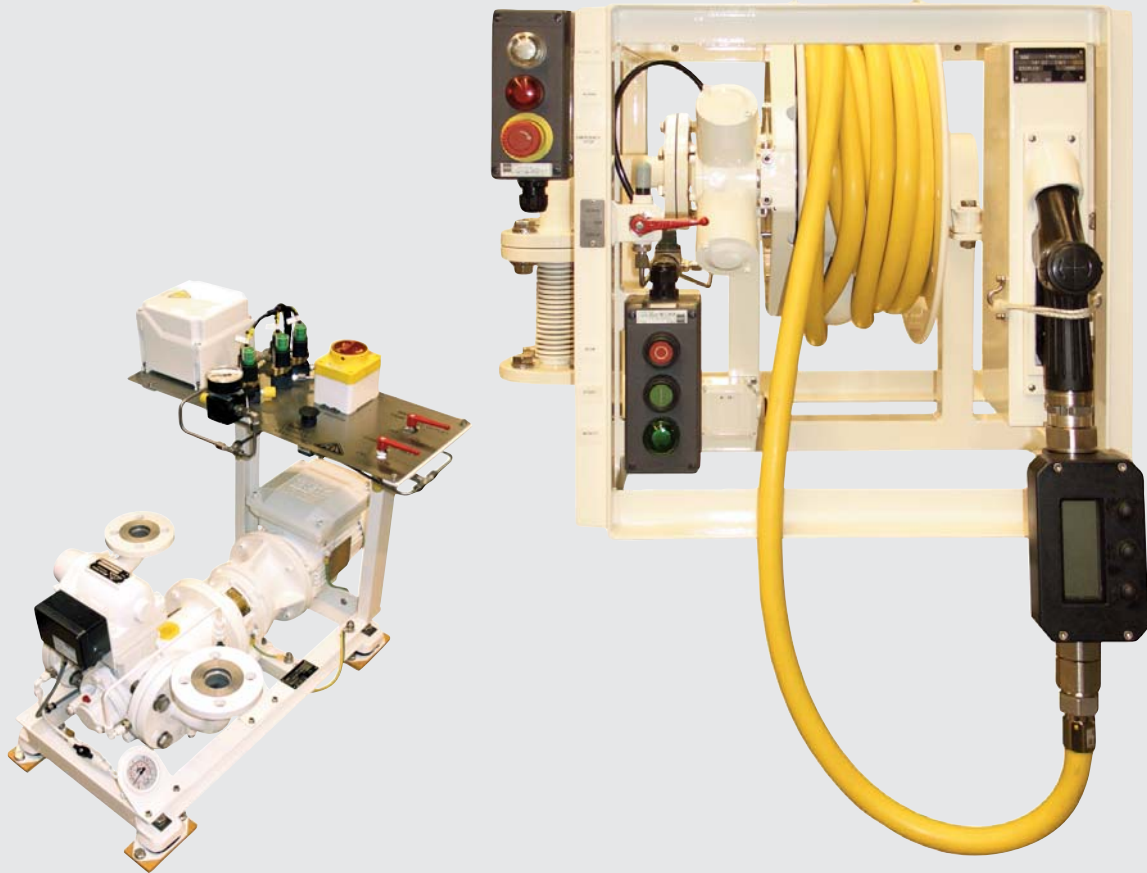


Watertoy Refuelling System



The watertoy refuelling system is a modular delivery system for refuelling and bunkering benzine (A1-product) on board of a ship.

BASICALLY, THE SYSTEM CONSISTS OF:

- **PUMP MODULE**
- **DELIVERY MODULE**
- **CONTROL CABINET WITH INTEGRATED GAS-LEAK DETECTION SYSTEM**

The pump module comprises a vane pump with overflow valve and an electric three-phase geared motor. The pump / drive connection is set up by way of a flexible coupling.

The vane pump delivers approx. 30 l/min via the delivery module at 2 bar delivery pressure.

Pump- and motor temperature are monitored.

The delivery module comprises a pneumatically-driven hose reel with a 10m long hose C16 and an automatic fuel nozzle with electronic counter.

Watertoy Refuelling System



Technical data

Delivery medium:	Benzine (A1-product), non corrosive, free of solids
Temperature range:	-5 to +45 °C
Rated pressure:	10 bar
Pneum. supply:	6 bar
Flow rate:	approx. 30 l/min at 2bar (±10%)
Voltage supply:	400 V, 50 Hz
Nominal power:	approx. 2 kW
Dimensions:	Pump module: approx. W1620 x D925 x H1380, 1400 kg Delivery module: approx. W930 x D650 x H655, 300 kg Control cabinet: approx. W600 x D300 x H1200, 140 kg
Paintwork:	white RAL 9010

Flow chart

