

SUCTION HOPPER DREDGER

Rio IV**GENERAL DATA**

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|-------------------------|---|
| IMO Nr | 6724737 |
| Ship Yard | Nederlof Scheepsbouw b.v. Geertruidenberg |
| Year of construction | 1967 |
| Rebuilding | 1999 |
| Flag | The Netherlands |
| Harbour of registration | Breskens |
| Classification nr | Communautair Certificaat Binnenvaart |
| Call Sign | PHBQ |

MAIN PARTICULARS

| | |
|-----------------------|----------|
| Length o.a. | 67,01 m |
| Breadth o.a. | 8,21 m |
| Depth | 3,08 m |
| Net tonnage | 1060 NT |
| Draught full dredging | 3,08 m |
| Draught empty | 1,50 m |
| Speed | 11 knots |
| Accommodation | 4 pers |

CAPACITIES

| | |
|---------------------|--------------------|
| Hopper | 614 m ³ |
| Fuel Oil | 12 m ³ |
| Fresh rinsing water | 12 m ³ |

PROPULSION

| | |
|-------------|--------------------------|
| Main engine | Cummins Type KTA 19 |
| Output | 640 PK |
| Reversing | Twin Disc Type M65202 DC |
| Ratio | 1 : 5,04 |
| Propeller | Fixed |

DREDGING SYSTEM

| | |
|----------------------------------|---------------------------|
| Dredging pump | Warman Pump |
| Capacity sg: 1,3T/m ³ | 450 m ³ /h |
| Suction pipe | 350 mm |
| Dredging Depth à 45° | 17 m |
| Dredging pump drive | G.M. Type 8 V 71 - 350 PK |

ELECTRIC POWER SUPPLY

| | |
|------------------|------------------|
| Generation set 1 | Perkins 28,2 kVA |
| Generation set 2 | Perkins 60 kVA |

MANOEUVRING

| | |
|-----------------------|------------------------------|
| Midden & Steering Gaz | Electr / Hydraulic 380 / 24v |
| Bow Thruster | Van Tiem 2002 - 360° turning |
| Output | 85 PK |

