

ORCA 3

13m³ Grab Dredger

Name : ORCA 3
 Type of vessel : Grab Dredger
 Capacity : 13m³ Bucket
 Port of Registry : Port Kelang
 Flag : Malaysia
 Official number : 334385
 Call sign : -
 Classification : Ship Classification Malaysia (SCM)
 Year built, place : 1980, Japan

Principal Particulars

Length overall : 45.00 m
 Breadth : 19.00 m
 Depth : 3.50 m
 Mean draught : 2.98 m
 GRT / NRT : 1094 / 328 tonne

Main Engine

Marine engine : Mitsubishi Diesel S16N-MPKT
 Engine number : 0152
 Year made : -
 Output, total : 1480 hp
 Speed, rated : 1600 rpm
 Cooling System : FW Sea Water Cool
 Torque Converter : NICO Converter
 Type : 4Y - 3103A
 Operation Method : Pneumatic / Electrical

Crane / Operation Particulars

Boom length : 24 m
 Dredging depth, max : 50 m below water level
 Hoisting speed : 60 m /min.
 Lowering speed : 90 m /min.
 Wire Rope : 45mm 6 Ø Fi (29) S.Z

Mooring System

Winch : Yanase Hydraulic Winch
 2 units x double drum x 10 tonne line pull
 Spud : 2 nos x 1.2m Ø x 25m L

Bucket

Type : Normal Heavy Duty
 Capacity : 13 m³ / 45 ton 6 m³ / 54 ton

Tank Capacity

Fuel oil : 113,302 litre
 Fresh water : 113,302 litre

Accommodation

Crews : 22 pax



Specifications listed here are given in good faith but not guaranteed.