



DSV Picasso

SPECIFICATION SHEET

FEATURES

- DP2 Multipurpose Diving Support Vessels
- Clear deck area 1,300 m²
- 120.80 m Length x 25 m Breadth
- 140 T AHC Crane with single fall up to 3,000 m water depth
- Built-in 18 Man Saturation
- Accommodates up to 130 personnel
- Green design by Marin TeknikkAS with reduced fuel consumption and reduced exhaust emission
- Build with comfort Class notation, very low sound and vibration levels



GENERAL**Class**

DNV, 1A1 DSV(SAT) Clean COMF(V-3) Crane DK(+) DYNPOS(AUTR) EO HELDK(S, H) SPS SF

Built

2018, China Merchants Heavy Industry (Shenzhen) Co, Ltd China

IMO Number

9698783

Registry

Madeira, Portugal

Owner

DCN Shipping BV

DIMENSIONS**Length Overall**

120.80 m

Breadth moulded

25.00 m

Max draft

7.70 m

Working Deck Area

~1,300 m²

Deck Strength

>10 t/m²

Gross Tonnage (GRT)

~11,117 T

Net Tonnage (NT)

~3,336 T

POWER & PROPULSION**Main Generator**

5 x 2,851 kW. Total: 14,255 kW

Emergency Generator

1 x Vessel Emergency Generator 1 x 450Vac

500 kW

1 x Diving Emergency Generator 1 x 450Vac

900 kW

Diving Generator

1 x 500 kW

Harbour Generator

1 x 900 kW

Propulsion

2 x Bow Tunnel (BT) Rolls Royce RR TT 2650, 1930 kW

1 x FWD Retractable Azimuth (T3) Rolls

Royce RR UL2001FP, 1500 kW

2 x Aft Azipull Rolls Royce RR AZP120CP

3500 kW

TANK CAPACITIES**MGO**

2,176 m³

Fresh Water

1,684 m³

Water Ballast

6,429 m³

CONSUMPTION**Transit**

In-Port ~3Ton/day
 Transit 10knots ~22Ton/day
 DP2, without fwd retractable ~11Ton/day
 DP2, incl. fwd retractable ~16Ton/day
 All figures based on fair weather conditions

DP

4 x ME, 2 Bow Thrusters & 2 x Main Propulsion running ~ 12 - 14 m³/day

5 x ME, Retractable Thruster, 2 Bow Thrusters & 2 x Main Propulsion running ~ 18 - 23 m³/day

DP SYSTEM**Type**

Rolls Royce ICON DP2 System and POSCON

DP Classification

DNV DYNPOS (AUTR), IMO Class II.

DP References

DGPS 1 Kongsberg DPS 232
 DGPS 2 Kongsberg DPS 132
 DGPS 3 Ronav
 Guidance - Radascan
 Fanbeam MDL
 Tautwire 1 FORUM
 Tautwire 2 FORUM
 Hipap HiPAP501

DECK EQUIPMENT**MAIN CRANE**

140 Tons - AHC - Knuckle Boom - Man riding - ~3,000 m Wire - Starboard Side

Main Hook

140T at max radius 13 m

40T at max radius 35 m

Aux Hook

5T at max radius 36 m

1.5T at max radius 36 m (man riding)

AUXILIARY CRANE

Man riding - Port side

Main hook

40 T at max radius 13.5 m (4 fall)

20 T at max radius 27 m (2 fall)

Aux hook

3 T at max radius 28 m

0.5 T at max radius 28 m (man riding)

Provisions Crane

1.6 T

ACCOMMODATION**Maximum POB**

130 persons

Single Cabin

28

Double Cabins

51

Hospital

1

LIFE SAVING EQUIPMENT**Life Boats**

2 x 70 persons

Hyperbaric Life Boats

2 x (18 Divers + 4Crew)

Life rafts

2 x 65

Additional can be installed for Charter purpose

Fast Rescue Craft

1

HELICOPTER DECK**Construction**

Aluminum for Sikorsky S92 (type)

D Value = 21 m

T Value = 12.6 m

Class

HELDK class notation

DIVING SYSTEMS**Saturation System**

DNV Classed, 300m rated

2 x 18 persons SPHL

2 x 6, 2 x 3 persons chambers

1 x LSP

2 x 12 persons HRF (optional)

Twin Bell

Main Bell**Dimensions**

Ø 1850mm x 3497mm

Design Code

EN13445/DNV-OS-E402

Design Pressure (Internal)

30.3 Bar.g

Max operating depth (Internal)

300 msw



