



# DSV Picasso

## FEATURES

- DP2 Multipurpose Diving Support Vessels
- Clear deck area 1,300 m<sup>2</sup>
- 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) E0 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 m<sup>2</sup>

### Deck Strength

>10 t/m<sup>2</sup>

### 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 m<sup>3</sup>

### Fresh Water

1,684 m<sup>3</sup>

### Water Ballast

6,429 m<sup>3</sup>

## 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 m<sup>3</sup>/day

5 x ME, Retractable Thruster, 2 Bow  
Thrusters & 2 x Main Propulsion running  
~ 18 - 23 m<sup>3</sup>/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





