



A-CLASS SEA DIAMOND

TECHNICAL SPECIFICATIONS

GENERAL

Type	AHT
Classification	Bureau Veritas ⚓ Hull • Mach • Unrestricted
IMO number	9220548
Year built	2001 - Astilleros Armon S.A., Spain
Flag	Dutch
Port of Registry	Vlissingen
Call sign	PCAO
MMSI	244088000

DIMENSIONS

Length overall	35,77 m
Breadth overall	11,00 m
Minimum draft	4,50 m
Operating draft	4,80 m
Maximum draft	5,20 m
Minimum air draft	N/A
Maximum air draft	20,13 m
Gross tonnage	498 t
Net tonnage	149 t

TANK CAPACITY

Fuel oil	217,0 m ³
Fresh water	33,4 m ³
Lubrication oil	18,8 m ³
Hydraulic oil	2,5 m ³
Dirty oil	4,9 m ³
Sewage	9,0 m ³
Bilge water	7,1 m ³

PERFORMANCE

Bollard pull	74,0 t
Maximum speed	12,00 knots
Economic speed	8,50 knots

PROPULSION SYSTEM

Main engines	2x ABC 8 MDZC diesel
Total power	3.700 kW / 4962 bhp
Propulsion	2x ASD propeller, 2x 1.850 kW
Steering gear	2x Schottel SRP 1515FP
Bowthruster	Schottel STT 100 CP, 200 kW

DECK CRANE

Type	Palfinger
Capacity	SWL 700 kg @ 9,2 m

DECK EQUIPMENT

Free deckspace	85,0 m ²
Deck strenght	5,0 t/m ²
Towing winch	Brusselle SLH-130/50/2-1 44 t / 130 t (pull/hold) 900 m x 48 mm
Anchor handling winch	44 t / 130 t (pull/hold) 550 m x 48 mm
Forward towing winch	Brusselle SLH-130/50/2-2-2 Combined towing winch and anchor windless with 2 chain lifters of 25 mm 65 t / 130 t (pull/hold) 110 m x 48 mm + stretcher
Tugger winch	Hydraulic tugget aft, 15 t
Towing pins	Karmoy
Stopper pins	Karmoy
Pushbow	Full length rubber fendered - incl. 2x towingbit
Stern roller	SWL 200 t

AUXILIARY EQUIPMENT

Main generator sets	2x 150 kW - Scania 1x Harbour Generator 75kW - Scania
Fuel oil transfer pump	35 m ³ /h
Fresh water transfer pump	N/A
Fresh water maker	2,5 m ³ /24h
Air compressor	TBA
Powerpack	Atlas Copco LE/LT 75

ACCOMMODATION

Persons	10
Single cabin	4
Double cabin	3
Air conditioned	Yes



