

# Sapura 3000

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The *Sapura 3000*, operated by SapuraAcergy under Joint Venture, is a class-leading deepwater heavy lift and pipelay vessel.

Type:  
Pipelay / Heavy Lift

Classification:  
ABS

- Length 151m x breadth 38m
- 240t S-lay system
- 400t J-lay system
- Main crane 3,000t
- Accommodation for 330 persons
- Deck area 3,275m<sup>2</sup>
- 2 x workclass ROVs

# Sapura 3000

## General Description

Type	Pipelay / Heavy Lift
Classification	ABS
Flag	Bahamas
Year Built	2008

## Principal Dimensions

Length Overall (m)	151m without stinger
Breadth (m)	38m
Depth Main Deck (m)	15m
Operating Draft (m)	6.5m
Gross Tonnage (t)	32,060t
Transit Speed (knots)	8 knots
Endurance (days)	45 days (at full DP in pipe lay mode)

## DP System

DP Classification	DP class 2
Reference System	3 x DGPS, 2 x Tautwire, 1 x Fan beam, 1 x HiPAP, 1 x Sonardyne

## Power and Propulsion

Main Engines	
Number	6
Type	Wartsila 32
Power (hp)	4000kW
Generators	
Number	6
Type	Alconza
Power (kVA)	3200kVA
Thrusters	
Number	2
Type	Wartsila Lips LCT FS275-SL/WN
Power (hp)	2400kW
Location	Port and starboard stern
Number	5
Type	Wartsila Lips LMT FS1510-350/1530 MNR
Power (hp)	2,400kW
Location	3 each forward and 2 each aft

## Main Deck

Clear Deck Area (m <sup>2</sup> )	3,275m <sup>2</sup>
Deck Strength (t/m <sup>2</sup> )	10t/m <sup>2</sup>

## Capacities

Fuel Oil (m <sup>3</sup> )	2,392m <sup>3</sup>
Lube Oil (m <sup>3</sup> )	84m <sup>3</sup>
Fresh Water (m <sup>3</sup> )	3,045m <sup>3</sup>
Ballast Water (m <sup>3</sup> )	11,562m <sup>3</sup>

## Accommodation

Berths (No.)	330
Cabins (No.)	115

## Helideck

Type	Sikorski S92 mtow: 12.8t
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## Cranes

Main Crane Capacity (t)	3,000t at 27m radius
Manufacturer	Huisman BV
Operating Water Depth (m)	2,000m
Location	At the stern
Main Crane Comments	2,200t at 31m radius full revolving
Auxiliary Crane Capacity (t)	2 x 40t at 29m radius
Location	Port and starboard
A-Frame Capacity (t)	360t

## Pipelaying System

Rigid Lay	S-Lay and J-Lay
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### S-Lay:

Max Tension (t)	240t nominal
Tensioners (No. and type)	3 each 80t capacity
Pipe Range (inches)	6-inch to 60-inch
Storage Capacity (t)	4,500t
Welding Stations (No.)	9 stations, comprising: 6 x welding 2 x non-destructive testing 1 x coating
Stinger (m)	90m
Operating Water Depth (m)	2,000m
A&R Capacity (t)	360t

### J-Lay:

Max Tension (t)	400t
Pipe Range (inches)	4-inch to 20-inch OD
Welding Stations (No.)	1
Joint Type	Double joint with hang off collar
Operating Water Depth (m)	3,000m
A&R Capacity (t)	360t
J-Lay Comments	J-Lay tower not permanently installed

## ROV System

ROVs (No. and type)	2 x ACV with TMS
Operating Depth Rating (m)	3,000m