

# 72 DNS

## Lattice Boom Offshore Cranes



### Your partner for a Lifetime of Lifting

With years of experience in the design and manufacture of lattice boom cranes, you can rely on our team of engineers and fabricators to deliver a crane that is suited for the off-shore environment. Through our global service network, we partner with you throughout the lifecycle of your crane to help prevent costly downtime events and reduce your total cost of ownership.



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## 72 DNS Lattice Boom Offshore Cranes

The 72 DNS crane is designed and manufactured to provide the lasting performance required in the rugged offshore environment. Its capabilities range from deck-to-deck lifting, to loading and unloading supply vessels.

### Technical Specifications

Boom Length			36.5 meter	40 meter	43 meter	46 meter	49 meter
Maximum overturning moment		(kNm)	47 000	48 200	48 200	48 200	48 200
Weight (revolving structure)		(kg)	103 000	106 000	109 000	112 000	115 000
King Post Assembly Weight		(kg)	27 000	27 000	27 000	27 000	27 000
Radius	Minimum	(m)	8,8	9,4	9,9	10,4	11
	Maximum	(m)	38,4	41,5	44,5	47,6	50,6
SWL*	Whip	(mt)	19	19	19	19	19
	Main	(mt)	100	100	100	100	100

### Key Features

- Simplified main bearings that can be inspected in less than an hour
- Main and auxiliary hook parking cradle eliminates line fouling and boom damage while operating at high boom angles
- High A-frame gantry allows heavier lifts at extended radii
- Minimal tail swing radius of 4.7m saves valuable deck space
- Enclosed engine/pump compartment design reduces noise and protects key components from weather
- Meets API-2C standard and carries API monogram with ABS Certification
- Designed for superior safety and simple maintenance procedures



#### Relevant to the following installations

- Fixed Platforms
- Drillships
- Jackups
- Semisubmersibles
- FPSO's

#### Environmental Conditions

- Design temperature: -20°C to +50°C

#### Prime Movers

- Prime Mover: Electric or Diesel
- Power: 500 HP Electric or 580 HP Diesel

