



## The ARVA 1.406T Deep Sea Lift Crane

Effective Date: January 2003

The ARVA Deep Sea Lift Crane System is designed to lower and retrieve the captain's boat in sea conditions of Beaufort 2 and ship's diving bell in sea conditions of Beaufort 5.

### technical data

#### dimensions

Design Criteria	The crane is an electric powered hydraulic crane, consisting of remote hydraulic power unit, remote control console, and crane assembly. Operates in temperatures ranging from minus 31 to plus 113 degrees Fahrenheit
Overall Height	167-1/2" – arm lowered
Pedestal Height	57-3/4"
Overall Width	70"
Crane Weight	10,000 lbs.

#### capacity & reach

Capacity Captain's Boat	3,000 lbs. Sea state: Beaufort 2 Hoist speed: 36 FPM
Capacity Manned Diving Bell	6,000 lbs. Sea state: Beaufort 5 Hoist speed: 75 FPM
Capacity @ Radii	4' to 14' 6,000 lbs. 15' 5,450 lbs. 16' 4,970 lbs. 17' 4,540 lbs. 18' 4,170 lbs. 19' 3,830 lbs. 20' 3,525 lbs. 21' 3,250 lbs. 22' 3,000 lbs.

#### power

Power	Electric motor - 30 HP, 460 VAC, 3 PH, 60 HZ
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#### boom

General	Telescopic
Type	Fabricated box section
Length	24.5' extended 14.0' retracted
Angle	0-75 degrees
Luffing Time	22 seconds
Slewing	360 degrees continuous 0-.86 RPM

#### hoist

General	Hoist has dual mode providing for both constant tension and work modes
Cable Length	600'
Hoist Speed	1 part line-up 133 FPM down 98 FPM
Luffing Jib	45 seconds

#### controls

Water-Tight Controls	Located remotely from the crane in a position from which overall control of crane system is exercised-situated so that operator can continuously view crane and pay load at all positions between water line and deck
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**price and terms**

Price	On Request FOB ARVA
Terms	Subject to milestone progress payments

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**Constant improvement and engineering progress make it necessary for ARVA to reserve the right to make specifications, equipment, and price changes without notice.**

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