



**The ARVA AR 5000 D
21' Single Arm Davit**

Effective Date: January 2003

The ARVA AR 5000 D davit is designed for durability and trouble free operation in the launch and recovery of inflatable boats in a wide range of conditions including rough seas. NSN 2030-21-908-1278

technical data

dimensions

Design Specifications	Operates -20 to +160 degrees Fahrenheit 20 degree heel 5 degree trim 40 degree roll 10 degree pitch 11 second rolling period
Height	258" – arm lowered
Length	21'
Footprint	64" wide x 70 1/2" long
Installed Weight	11,000 lbs.

capacity & reach

Capacity and Reach	5,500 lbs. @ 21'
Outreach Distance	17.41'
Relief from Centre Line	
Hook to Davit Base	4.82'
Davit Hook to Deck	21.5'

luffing arm

General	Fixed
Type	Fabricated box section
Arm Luffing	58 degrees
Arm Length	21'

hoist

General	Hydraulic motor drives through a double planetary gear reduction, with 2 counterbalance valves and a failsafe hydraulic released spring applied internal disc brake
Hoist Speed	5,500 lbs. at 90 fpm hydraulic hoisting, 165 fpm gravity lowering 700 lbs. at 450 fpm constant tensioning
Hoist Wire Rope	135' X 5/8", breaking strength 33,000 lbs.
Luffing Speed	12 sec. luffing cycle (full down-full up) 5 minutes manual luffing cycle

controls

Controls	Remote, 3-section directional valve. Main and relief valve circuits
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price and terms

Price	CONSULT FACTORY 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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