

Dominis Engineering

Ottawa, Canada

Integrated Propeller Manufacturing System



Project	Client	Location	Description	Year
EFMC Egyptian Fast Missile Craft	Wartsila Defence	Chesapeake VA, USA	20 monoblock propellers Diameter: 1.75 m	2010 – 2011
LCS Littoral Combat Ship	Wartsila Defence	Chesapeake VA, USA	3 waterjet impellers Diameter: 1.7 m and 2 m.	2010
INLS Improved Navy Lighterage System	Wartsila Defence	Chesapeake VA, USA	120 waterjet impellers Diameter: 900 mm	2004 - 2010
E-Craft Expeditionary Craft	Wartsila Defence	Chesapeake VA, USA	4 waterjet impellers Diameter: 810 mm	2007
DDX Destroyer	Howden Buffalo	New Philadelphia OH, USA	2 prototype fan rotors Diameter: 21"	2006
CPF Halifax class Frigate	Canadian Navy	Halifax, NS , Canada	20 CP propeller blades Diameter: 4.34 m	2004
CCGS "Griffon" Icebreaker	Canadian Coast Guard Fisheries and Oceans Canada	Sarnia, Ontario, Canada	2 monoblock propellers Diameter: 120"	2002
210' cutter	US Coast Guard Engineering Logistics Center	Baltimore Maryland, USA	72 CP propeller blades Diameter: 90"	2000

Maximum Sizes:

Monoblock propellers:

Diameter 2 m
Weight 5 tons

CP propeller blades:

Chord 2.2 m
Span 1.7 m
Weight 2 tons

Propellers True to Design