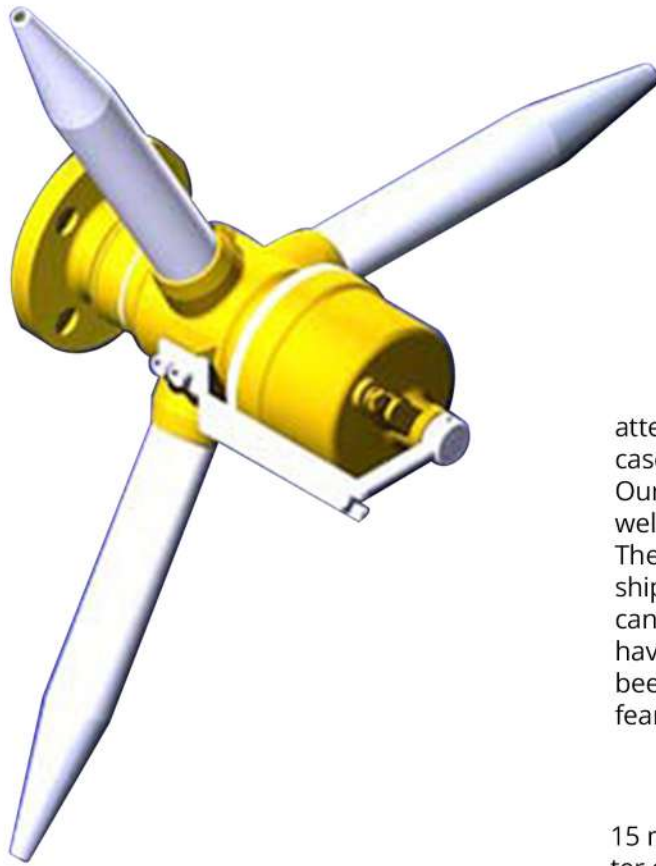


POLAR JET® ANTI-PIRATE MACHINE





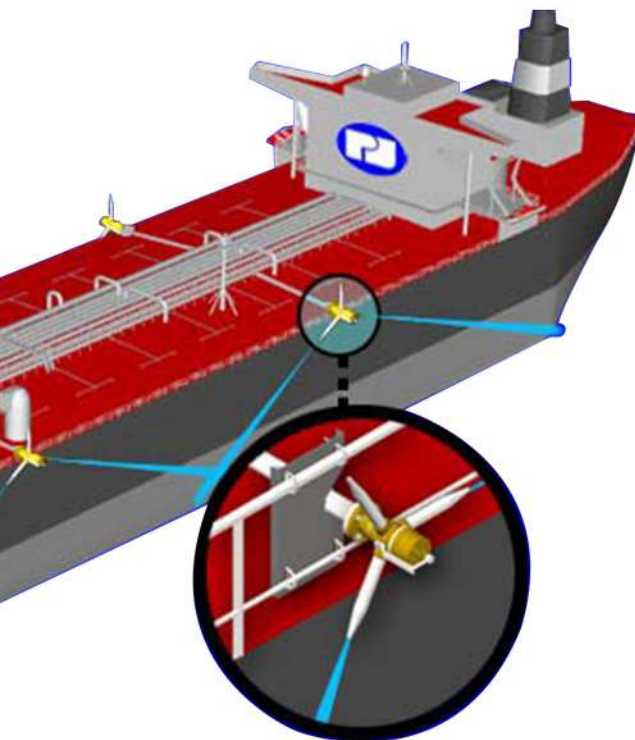
POLAR JET® BLASTER

ANTI-PIRATE MACHINE

Today and one that has recently attracted the attention on the world. Hijacking, ransom and, in some cases, physical assault have become common place again. Our crews and their cargo are now facing a modern day, well armed pirate and in certain regions of our vast oceans The oceans have always been our main channel for shipping goods between countries. At any one time there can be billions of dollars of cargo at sea. For as long as we have been trading be sea pirates and piracy have always been a problem, a problem that still exists constantly in fear of attack.

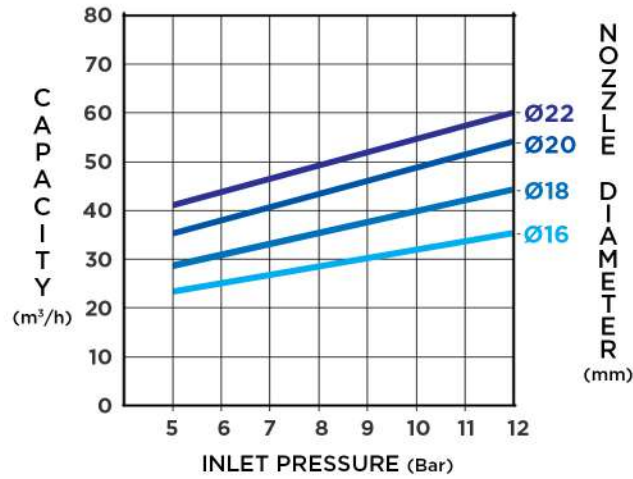
Most successful piracy attacks are executed under 15 minutes. It takes 10-15 minutes to activate a helicopter on standby, so unless a military task force is nearby its role becomes one of observing and reporting. Once onboard, pirates need only capture the crew and they are in an effective bargaining position to negotiate for a ransom. As manufacture of POLAR JET Tank Cleaning Machine, we come up with the solution of water cannon defense system using our tank cleaning technology. Polar Jet Blaster will defend the crews and whole vessel, making the pirates boarding at sea literally impossible. The system will be mounted on each side, around the vessel in order to obtained 100% coverage and can be often powered by existing pumps. It will create a high pressure moving curtain of water which is very difficult to penetrate on a vessel in transit on the high seas. The system can be remotely and safely operated from any look out post around the vessel.

When the attackers approach the vessel, the system can be remotely and safely operated from the look-out post around the vessel so the crew and cargo remains safe. And will also work continuously in dark and night-time conditions.

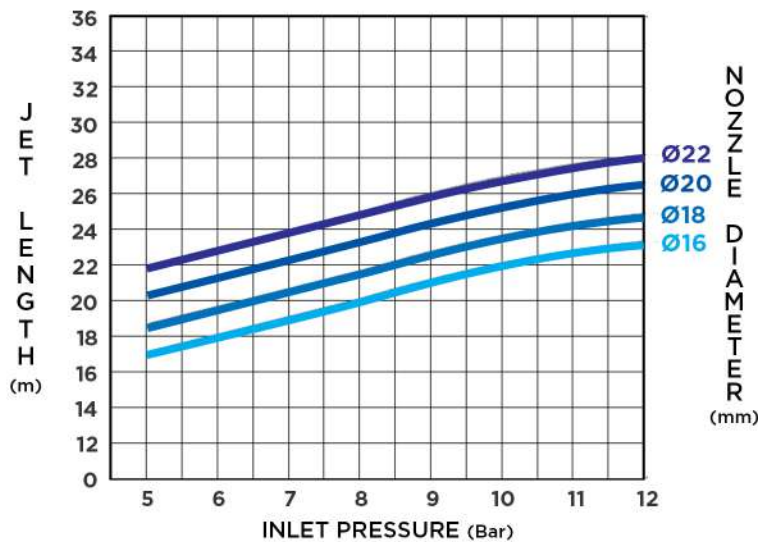


DATA SHEET POLAR JET® BLASTER

CAPACITY, INLET PRESSURE, and NOZZLE DIAMETER



JET LENGTH, INLET PRESSURE, and NOZZLE DIAMETER



PERFORMANCE DATA FOR POLAR JET® PJ BLASTER

PRESSURE, NOZZLE DIAMETER, THROUGHPUT AND JET LENGTH

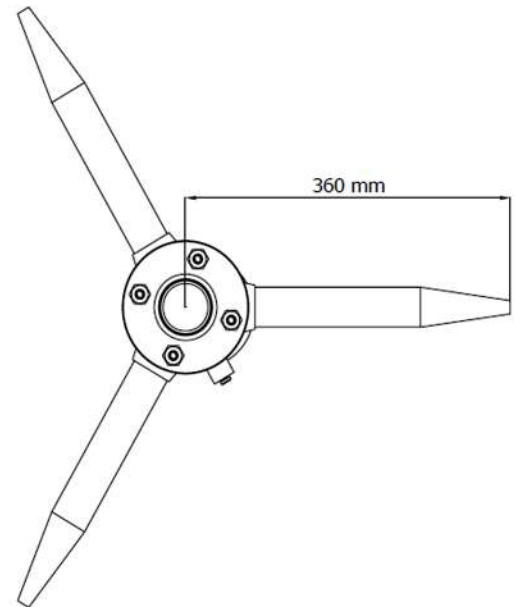
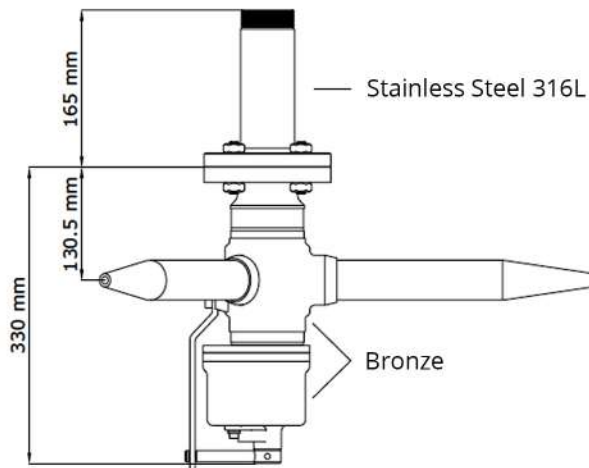
PRESSURE	NOZZLE: Ø 16mm		NOZZLE: Ø 18mm		NOZZLE: Ø 20mm		NOZZLE: Ø 22mm	
	BAR	m³/h	METER	m³/h	METER	m³/h	METER	m³/h
12	35.0	26.0	44.0	27.0	54.0	28.5	60.0	30.0
11	33.5	25.0	42.0	26.5	51.0	28.0	57.0	29.5
10	32.0	24.0	39.0	26.0	48.0	27.5	54.0	29.0
9	30.0	23.5	37.0	25.0	45.0	27.0	51.0	28.0
8	28.5	22.5	34.5	24.0	42.5	26.0	48.0	27.0
7	27.0	22.0	32.0	23.0	40.0	25.0	45.0	26.0
6	25.0	21.0	30.0	22.0	37.0	24.0	42.0	25.5
5	23.0	16.5	29.0	18.5	36.0	20.0	41.5	21.5

Shipyard Supply: Eventual Deck Flange connections, Gaskets, Studs, Bolts, Nuts and Washers

POLARMARINE SCANDINAVIA AB • INDUSTRIGATAN 39 BOX 1035 SE-212 10 MALMÖ SWEDEN

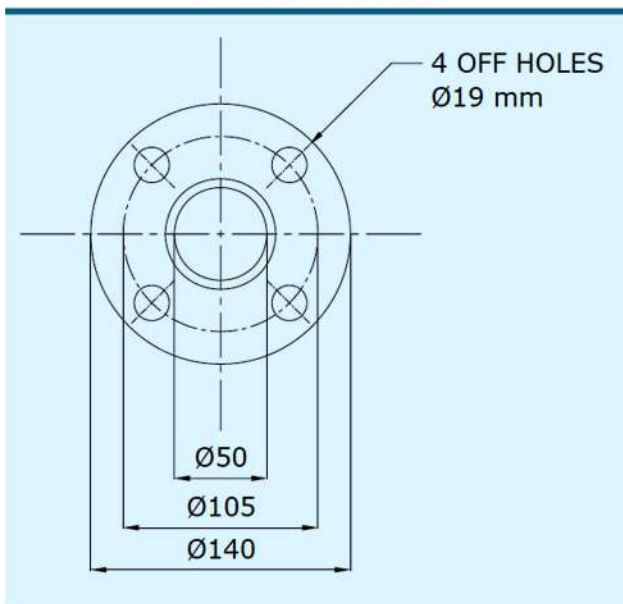
• TEL +46-31-965900 • FAX +46-40-216513 • EMAIL info@polarmarine.se / sales@polarmarine.ph / engineering@polarmarine.ph • WEBSITE www.polarmarine.se

MATERIAL SPECIFICATIONS POLAR JET® BLASTER

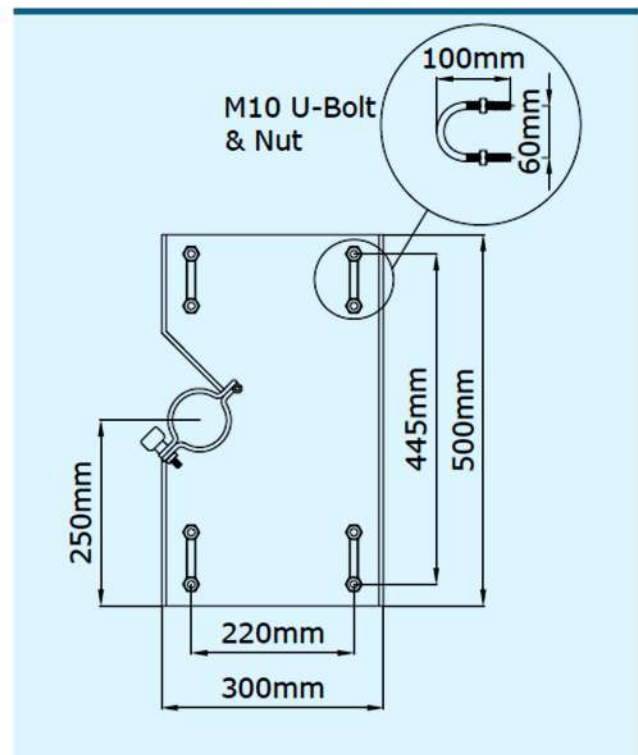


WEIGHT: Approx. 20kg.

INLET FLANGE



BRACKET



- (1) Deck flange connection, gaskets, studs, nuts, and washers are yard supplies.
- (2) All dimensions are in millimeter.