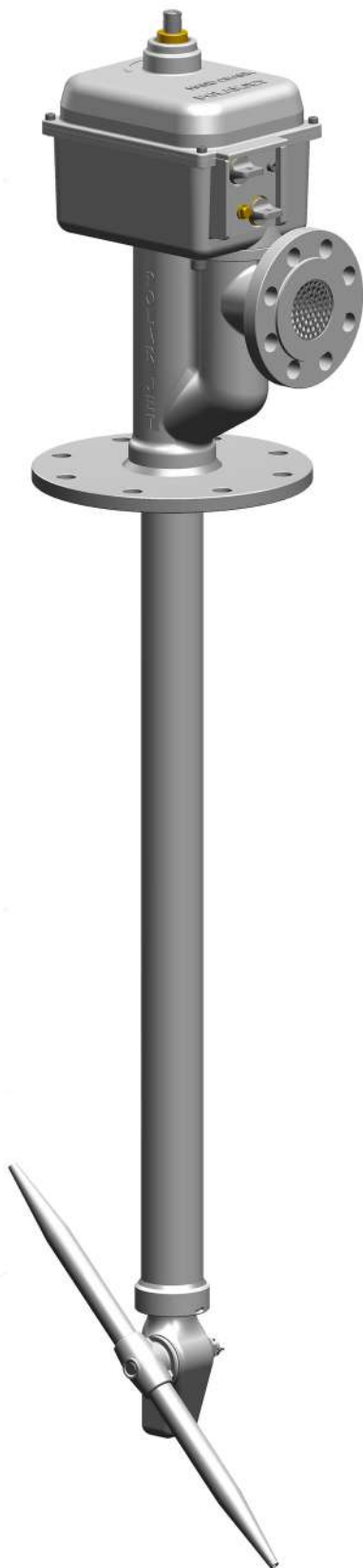


POLARJET® PJ 15 CPT TWIN NOZZLE



The Polar Jet® PJ 15 CPT (Twin Nozzle with Controllable Pitch) is a fully programmable, twin nozzle Tank Cleaning machine equipped with pitch and speed control.



A twin nozzle version of the PJ 15 which has dual nozzles mounted asymmetrically opposed instead of one.



Nozzle movement is fully controlled by the Integrated Turbine Driven Control Unit, which controls both the vertical pitch and rotation speed.



Nozzle movement is, in principle, a controlled rotation in the horizontal plane, combined with a slow, controlled vertical movement. This means that the nozzle performs helical patterns.



The PJ 15 CPT comes with two controls for vertical pitch and rotation speed. There are two Speed Settings and three Pitch Settings of approximately 2, 4 and 9 degrees providing six basic cleaning programs.



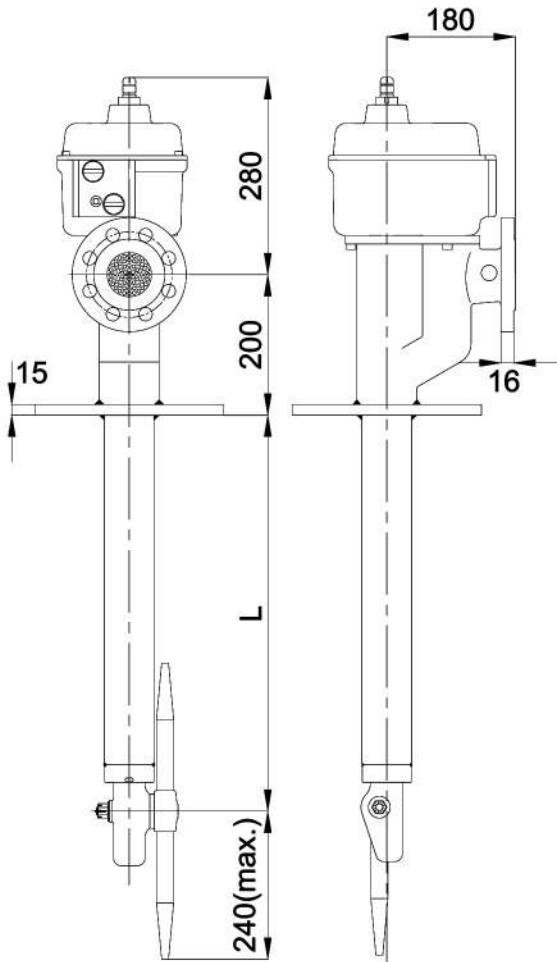
Angle adjustments allows pre-setting of the Pitch at the start of either the upward or downward cycle for optimal cleaning of the specific areas such as bottom only or side only cleaning requirements.



Polarmarine provide in-house Shadow Diagrams using 3-Dimensional CAD for model Selection, Quantity, Positioning and Main Pipe Lengths to optimize cleaning coverage per unit.

DATA SHEET POLAR JET® PJ 15 CPT

SMALLEST DECK OPENING 130mm



INLET FLANGE

JIS STANDARD	
PCD	120mm
8 Holes	Ø 19mm
DIN STANDARD	
PCD	125mm
4 Holes	Ø 19mm
ANSI STANDARD	
PCD	4 3/4 in
4 Holes	Ø 3/4 in

APPROX. WEIGHTS

L (m)	WEIGHT (kg)
1.0	42
2.0	49
3.0	56
4.0	63
5.0	70

DECK FLANGE

JIS STANDARD	
OD	320mm
PCD	280mm
8 Holes	Ø 23mm
DIN STANDARD	
OD	340mm
PCD	295mm
12 Holes	Ø 23mm
ANSI STANDARD	
OD	13 1/2 in
PCD	11 3/4 in
8 Holes	Ø 7/8 in

SHIPYARD SUPPLY

DECK FLANGE CONN.
GASKETS
STUDS
NUTS
WASHERS

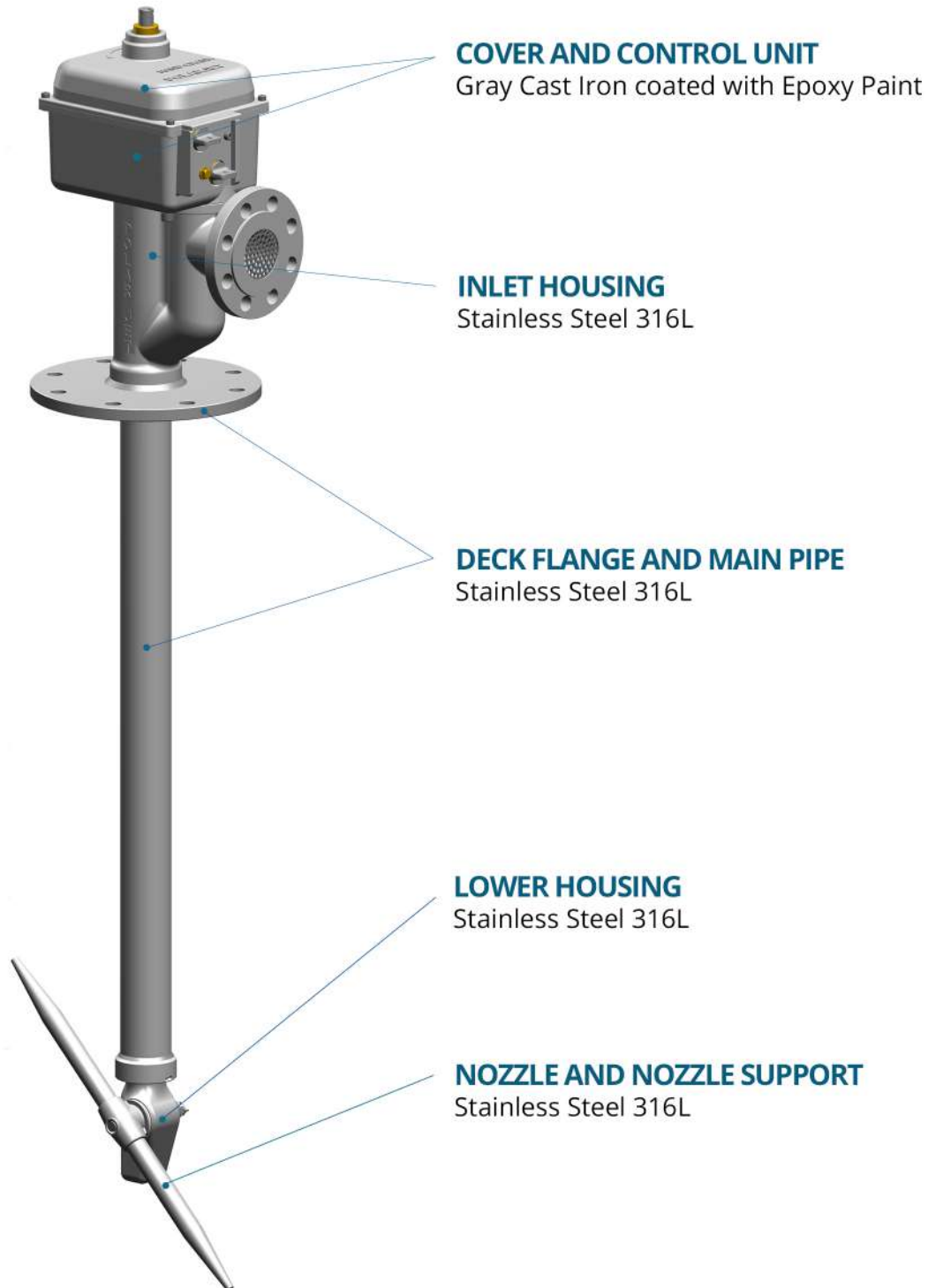
PERFORMANCE DATA FOR POLAR JET® PJ 15 CPT

PRESSURE, NOZZLE DIAMETER, THROUGHPUT AND JET LENGTH

PRESSURE	NOZZLE: Ø 6mm		NOZZLE: Ø 8mm		NOZZLE: Ø 10mm		NOZZLE: Ø 12mm	
	BAR	m³/h	METER	m³/h	METER	m³/h	METER	m³/h
12	9.0	18.5	18.0	19.5	27.0	21.5	38.0	23.0
11	8.5	18.0	17.0	18.5	25.5	20.5	36.5	22.5
10	8.0	17.0	16.0	18.0	24.5	20.0	34.5	21.5
9	7.5	16.0	15.0	17.0	23.0	19.0	33.0	20.5
8	7.0	15.0	14.0	16.0	21.5	18.0	31.5	19.5
7	6.5	14.0	13.0	15.0	20.5	17.0	29.5	18.5
6	6	13.0	12.0	14.0	19.0	16.0	28.0	17.5

Note: Polarmarine can provide intermediate nozzle sizes based on customer's machine performance requirement. On the other hand, intermediate nozzle sizes could refer to performance data of the larger nozzle size (For instance, Ø 15.2 mm needs to apply performance data of Ø 16 mm).

MATERIAL SPECIFICATIONS POLAR JET® PJ 15 CPT



*Paint specification is Polarmarine Standard. Modification of paint specification is subject for additional charge.

Also available with **Stainless Steel 316 Control Unit and Cover upon request and subject to additional charge.