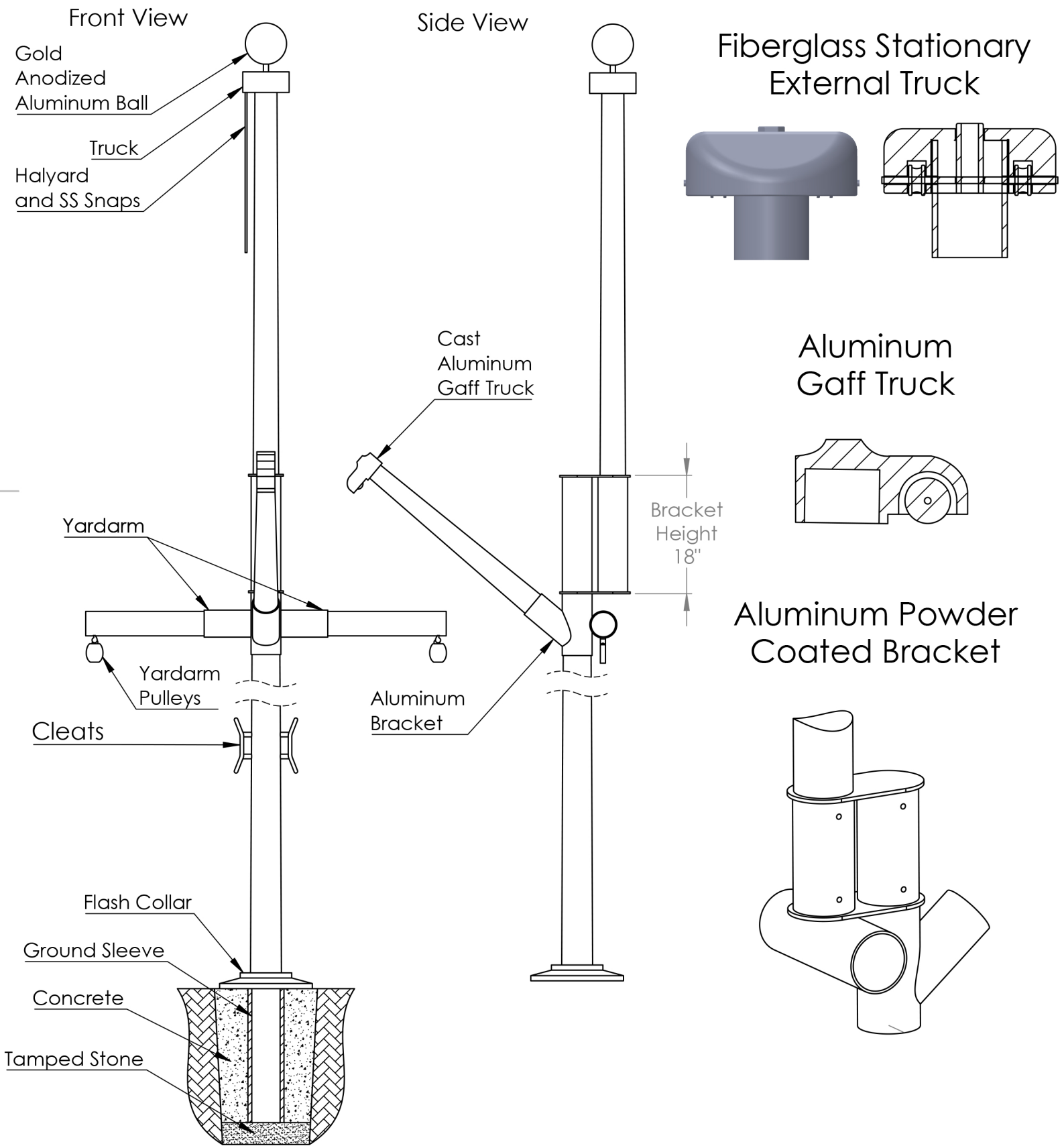


Poseidon Series
Double Masted Flagpole with Yardarm/Gaff
NDM25-NDM40



Specifications and Accessories

Nautical Double Masted Flagpole with Yardarm/Gaff 25'-40'				
Model	NDM25-YAG	NDM30-YAG	NDM35-YAG	NDM40-YAG
Above Ground Height	25'	30'	35'	40'
Burial Depth	3'	4'	4'	5'
Top Section				
Length	10'9"	12'9"	14'9"	16'9"
Butt Diameter	5"	5"	5.5"	5.5"
Top Diameter	3"	3"	3"	3"
Standard Flags	3'x5'	4'x6'	5'x8'	6'x10'
Bottom Section				
Length	18'9"	22'9"	25'9"	29'9"
Butt Diameter	6.8"	7"	9.1"	9.2"
Top Diameter	5.75"	5.75"	7.4"	7.4"
Yardarm				
Length	8'	9.5'	11.5'	13'
End Diameter	3"	3"	3"	3"
Center Diameter	4"	4"	4.5"	4.5"
Standard Flags	3'x5'	4'x6'	4'x6'	5'x8'
Gaff				
Length	6.5'	7.5'	9'	10'
Tip Diameter	3"	3"	3"	3"
Butt Diameter	3"	4"	4.5"	4.5"
Standard Flags	4'x6'	5'x8'	5'x8'	6'x10'
Ground Sleeve	3'x8"	4'x8"	4'x11"	5'x11"
Gold Anodized Ball	6"	6"	8"	8"
Truck	F/G	F/G	F/G	F/G
Cleat (powder coated)	4 of 8"	4 of 8"	4 of 8"	4 of 8"
Polyester Halyard	4 of #10	4 of #10	4 of #10	4 of #10
Snaps (stainless steel)	4 pair	4 pair	4 pair	4 pair
Flash Collar	16"	16"	23"	23"
Pole Weight	87	121	171	227
Pole Weight (w/YA)	125	166	222	285
Shipping Weight	190	240	324	392
Vinyl Covers	4 pair	4 pair	4 pair	4 pair

Specifications

Provide a Fiberglass Reinforced Composite (FRC) Nautical flagpole Model # **NDM35-YAG** as manufactured by PLP Composites, Fitzwilliam, NH 03447.

The flagpole shall have a mounting height of 35' and 4' below grade for an overall length of 39'. The butt diameter shall be 9.1" and the top diameter 3".

The flagpole shall be a double masted design with the top section being 14'9" with a top diameter of 3" and a bottom diameter of 5.5". The bottom section shall be 25'9" in length with a top diameter of 7.4" and a butt diameter of 9.1". The two pole sections, as well as the yardarm and gaff shall be secured by aluminum powder coated brackets. The flagpole shall have a total weight of 171 lbs. and a shipping weight of 234 lbs.

The yardarm shall have an overall length of 11.5'. The diameter at the center of the yardarm shall be 4.5" and will taper to each end to a diameter of 3". The gaff shall have an overall length of 9'.

The flagpole shall be manufactured of fiberglass woven roving and polyester resin with 75% of the reinforcing fibers oriented in the axial plane for maximum stiffness and 25% in the radial plane for required hoop strength. Load calculations shall be based on AASHTO and NAAMM standards with the pole designed with a two to one (2:1) safety factor for 150 mph winds, unflagged, with a 1.3 gust factor.

The flagpole, yardarm, and gaff shall have an Entasis taper and shall be void of vertical mold seams.

The flagpole, yardarm, and gaff shall be sanded smooth and coated with a high gloss Aliphatic Polyurea coating system which provides extended UV protection and weatherability.

The flagpole, yardarm, and gaff weight shall be 222 lbs. with a shipping weight of 324 lbs.



Poseidon Series - Model NDM35-YAG	Standard Fittings:		Project:
35' Above Grade Height	8" Gold Anodized Ball	4 of #10 Halyards	
34' Overall Height	Cast FG Stationary Truck	4 of 8" Powder Coated Cleat	Location:
Top Diameter - 3"	Cast Alum. Gaff Truck	16" Flash Collar	
Butt Diameter - 9.1"	4 pair of S/S Snaps	4'x11" Ground Sleeve	Date:
	4 pair of Vinyl Covers		
Yardarm & Gaff Brackets & Sticks (pre-assembled with S/S Eye-Bolts & Pulleys)			

PLP Composites

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