

HIGH MAST

SPECIFICATION

3 POINT SUSPENSION OF LANTERN
CARRIAGE WIND SPEED UPTO 180 KM/HR

MAST STRUCTURE	30 MTR	25 MTR	20 MTR	16 MTR
Material Construction	BSEN 10025	BSEN 10025	BSEN 10025	BSEN 10025
Type of Welding	Longitudinal weld	Longitudinal weld	Longitudinal weld	Longitudinal weld
Cross section of mast in polygonal (No of sides)	20 sided	20 sided	20 sided	20 sided
Length in longer section				
Top section	10500mm	8750mm	10375mm	8375mm
Middle section	10500mm	8750mm		
Bottom section	10500mm	8750mm	10375mm	8375mm
No of section of mast	3 Nos.	3 Nos.	2 Nos.	2 Nos.
Thickness	5 / 4 / 4 mm	4 / 4 / 4 mm	4 / 3 mm	4 / 3 mm
Base Dia & Top Dia (OAF)	533 / 150 mm	520 / 150 mm	450 / 150 mm	404 / 150 mm
Thickness of Galvanization (minimum) Is2629	86 microns	86 microns	86 microns	86 microns
Size of opening door at base	300 x 1000 mm	300 x 1000 mm	300 x 1000 mm	300 x 1000 mm
Size of base plate diameter	730 mm	730 mm	630 mm	580 mm
Size of base plate thickness	30 mm	30 mm	25 mm	25 mm

FOUNDATION ACCESSORIES

No of foundation bolts	12 Nos	12 Nos	12 Nos	8 Nos
PCD of foundation bolts	650 mm	650 mm	530 mm	500 mm
Type of foundation bolts	Tor steel	Tor steel	Tor steel	Tor steel
Bolt diameter	25mm	25mm	25mm	25mm

LANTERN CARRIAGE (L.C.)

No of fittings	9 / 12 Nos	9 / 12 Nos	6 / 9 Nos	6 / 9 Nos
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WINCH

No of Drums / Winch	Double Drum	Double Drum	Double Drum	Double Drum
Capacity (Kg)	SWL 750 Kg	SWL 750 Kg	SWL 750 Kg	SWL 750 Kg

WIRE ROPE (ASIS 316)

No of ropes of 6mm thickness (7 / 19)				
Per lantern carriage	3 Nos	3 Nos	3 Nos	3 Nos
Per Double drum winch	2 Nos	2 Nos	2 Nos	2 Nos

CABLE

Type	EPR coated PCP sheathed multicore flexible cable
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POWER TOOL (REVERSIBLE)

Input Supply	415 / 250 Volts Integral or External
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