

**DIMENSION OF STANDARD SLIP POLYGONAL HIGH MAST**

For Maximum Wind Speed of 180 Km/hr.

Type	Total Height mm	Segment Details		Sides	Top Face to Face inside mm	Bottom Face To Face Inside mm	Circular Base Plate O.D.xThick mm	P.C.D of Bolt mm	Size of Bolt mm	No. of Bolt	Door Opening mm	Winch	SWL Cap. Kg	No. of Fitting	Dia of Rope mm	
		No	Length mm													Thickness mm
CPT 12.5	12500	2	6500	3,3	12	150	340	540x20	440	M 30x900	6	225x900	2 Drum	500	6	6
CPT 12.5A	12500	2	6500	4,3	12	150	360	540x20	440	M 30x900	6	225x900	2 Drum	500	8	6
CPT 12.5B	12500	2	6550	4,4	12	100	267	475x18	375	M 24x900	6	200x1000	1 Drum	500	6	6
CPT 16	16000	3	5675	5,4,4	20	200	365	575x25	461	M 24x1200	8	300x1400	2 Drum	750	9,12	6
CPT 18	18000	3	6400	5,4,4	20	200	440	690x32	570	M 32x1375	6	300x1400	2 Drum	750	9,12	6
CPT 20	20000	3	7115	5,4,4	20	200	450	725x32	600	M 32x1400	8	300x1400	2 Drum	750	9,12	6
CPT 24	24000	3	8500	5,4,4	20	200	515	725x32	617	M 28x1400	12	300x1400	2 Drum	750	9,12	6
CPT 25	25000	3	9000	5,4,4	20	200	550	760x32	650	M 32x1200	12	300x1400	2 Drum	750	9,12	6
CPT 25A	25000	3	8900/8800/ 8500	5,4,4	20	150	500	700x30	600	M 30x1000	12	300x1200	2 Drum	750	6	6
CPT 30	30000	3	10700	5,4,4	20	200	665	875x32	775	M 32x1200	12	300x1400	2 Drum	750	9,12	6
CPT 30A	30000	3	10650/1065 0/10600	8,6,4	20	200	775	975x39	875	M 32x1500	20	300x1400	2 Drum	750	12	6
CPT 30B	30000	3	10550	5,4,4	20	150	600	840x32	740	M 30x1200	16	300x1400	2 Drum	750	9,12	6
CPT 36	36000	4	9850	6,5,4,4	20	200	763	975x32	875	M 39x1400	12	300x1400	2 Drum	750	9,12	6
CPT 40	40000	4	11000	8,6,4,4	20	200	780	985x32	890	M 39x1400	16	300x1400	2 Drum	750	9,12,15	6

<b>Material for H/M Section:</b>	Hot Rolled M.S.Plate/Strip as per IS 5986/BSEN-10025/Equivalent, Minimum Yield Strength is 355 Mpa & Minimum Ultimate Strength is 510 Mpa with Maximum Sulphur and Phosphorous percentage of 0.05.
<b>Material for Base</b>	Hot Rolled M.S.plate as per IS 2062.
<b>Foundation Bolt:</b>	High Tensile Steel having UTS of 510 Mpa minimum
<b>Wire Rope:</b>	S/S wire rope having 7/19 construction with a grade of AISI 316
<b>Metal Protection:</b>	Hot Dip Galvanized coating on both internal & external surface and throughout the length.
	Minimum coating thickness is 86 microns i.e. above 600gm/m as per IS 4759.

**DIMENSION OF STANDARD SLIP POLYGONAL HIGH MAST**

For Maximum Wind Speed of 158 Km/hr.

Type	Total Height mm	Segment Details		Sides	Top Face to Face inside mm	Bottom Face To Face Inside mm	Circular Base Plate O.D.xThick mm	P.C.D of Bolt mm	Size of Bolt mm	No. of Bolt	Door Opening mm	Winch	SWL Cap. Kg	No. of Fitting	Dia of Rope mm	
		No	Length mm													Thickness mm
CPT 12.5	12500	2	6625	3,3	12	150	305	550*18	425	M 18*750	6	200x1000	1 Drum	500	6	6
CPT 16	16000	3	5800	5,3,3	20	150	360	605*20	485	M 20*900	8	300x1400	2 Drum	750	9,12	6
CPT 16A	16000	2	8375	4,3	20	150	356	540x25	460	M 25x900	8	300x1000	2 Drum	750	6,8	6
CPT 16B	16000	2	8350	4,3	20	150	450	650x30	550	M 25x750	8	300x1000	2 Drum	750	6,8	6
CPT 18	18000	2	9375	4,3	20	150	450	690*25	584	M 30*900	8	300x1400	2 Drum	750	9,12	6
CPT 18A	18000	3	6400	5,4,3	20	150	400	650*25	525	M 20*900	8	300x1400	2 Drum	750	9,12	6
CPT 20	20000	3	7300	5,4,3	20	150	440	690*25	570	M 20*1200	12	300x1400	2 Drum	750	9,12	6
CPT 20A	20000	2	10375	4,3	20	150	450	670*25	590	M 25*1000	12	300x1200	2 Drum	750	9,12	6
CPT 24	24000	3	8500	5,5,3	20	200	475	720*25	600	M 24*1200	12	300x1400	2 Drum	750	9,12	6
CPT 25	25000	3	9000	5,5,3	20	200	490	740*25	620	M 24*1200	12	300x1400	2 Drum	750	9,12	6
CPT 30	30000	3	10800	5,4,4	20	200	615	860*25	740	M 20*1200	20	300x1400	2 Drum	750	9,12	6
CPT 36	36000	4	9850	6,5,4,4	20	200	640	840x32	740	M 24*1200	20	300x1400	2 Drum	750	9,12	6
CPT 40	40000	4	11000	6,5,4,4	20	200	700	900x30	800	M 32*1200	20	300x1400	2 Drum	750	9,12,15	6

