

# HP SERIES

## Hinged Pole

### Specifications

#### POLE

The pole shaft is fabricated from hot rolled carbon steel having a minimum yield of 55,000 PSI and conforms to ASTM A500 grade C requirements. The shaft construction is two pieces of formed steel welded longitudinally connect by an internal hinge. The hand hole is located 1' 6" above the pole base. A ground lug is provided standard. Winch ordered separately.

#### ANCHOR BASE

The anchor base is fabricated from a structural quality hot

rolled carbon steel plate that has a minimum yield strength of 36,000 PSI. The anchor base telescopes the pole shaft and has a circumferential weld on the top and bottom.

#### BASE COVER

A full base cover is provided which encapsulates the base plate and anchor bolts to provide a clean transition from pier to pole.

#### FINISH

A Super Durable Polyester powder coat finish is electrostatically applied in our state of the art

paint facility. Standard colors available: Black, Bronze, US Green, White. Custom colors available upon request. Galvanizing and T-Guard treatments available upon request. Additional warranty extensions available with these treatments.

### Ordering Information

MODEL NUMBER	NOM. MTG HT	EPA's (1.3 Gust Factor)							POLE SQ	WALL THICK BASE/TOP (GA)	APROX WEIGHT <sup>1</sup>	AB SIZE	BOLT CIRCLE
		90 MPH	100 MPH	110 MPH	120 MPH	130 MPH	140 MPH	150 MPH					
HP15-4-11/11	15'	13.5	10.0	7.5	6.0	4.5	3.3	2.5	4.0"	11/11	112	.75"x18"x3"	8"
HP20-4-11/11	20'	7.0	5.0	3.0	2.0	1.4	1.0	NA	4.0"	11/11	144	.75"x30"x3"	8"
HP20-4-7/11	20'	12.5	9.0	6.5	5.0	3.6	2.6	1.8	4.0"	7/11	215	.75"x30"x3"	8"
HP20-5-11/11	20'	13.5	9.5	7.0	5.0	3.5	2.4	1.5	5.0"	11/11	195	.75"x30"x3"	11"
HP20-5-7/11	20'	22.0	17.0	13.0	10.0	7.7	6.0	4.6	5.0"	7/11	285	.75"x30"x3"	11"
HP25-4-7/11	25'	7.0	4.5	3.0	1.5	1.0	NA	NA	4.0"	7/11	270	.75"x30"x3"	8"
HP25-5-11/11	25'	7.0	4.5	2.5	NA	NA	NA	NA	5.0"	11/11	236	.75"x30"x3"	11"
HP25-5-7/11	25'	13.5	9.5	7.0	4.5	3.2	2.0	1.1	5.0"	7/11	349	.75"x30"x3"	11"
HP30-5-7/11 <sup>1</sup>	30'	8.0	5.0	2.5	1.0	NA	NA	NA	5.0"	7/11	308	1"x36"x4"	11"
HP30-6-7/11 <sup>1</sup>	30'	8.5	4.5	1.5	NA	NA	NA	NA	6.0"	7/11	494	1"x36"x4"	13"

Example: **HP20-4-11/11-BK-T312** (20', 4" Square, 11 Gauge Base Section, 11 Gauge Top Section, Black, with 3-1/2" OD Tenon)

### HP20-4-11/11

#### Model

Choose the Model Number from the chart above that meets the appropriate application requirements.

#### Finish

**BK** Black  
**BZ** Bronze  
**GR** US Green  
**WH** White  
**GLV** Galvanized  
**GLVP\*** Galvanized & Painted  
**TG\*** T-Guard Internal Coat  
**SP** Special

(\*Must specify paint color in addition to Galvanized or T-Guard finish-example: GLVP-BZ)

#### Mounting

**T312** 3-1/2" OD Tenon (standard)  
**T238** 2-3/8" OD Tenon  
**T278** 2-7/8" OD Tenon  
**PC** Pole Cap Only  
**DM1** Drill One Side  
**DM290** Drill 2 Sides at 90°  
**DM2180** Drill 2 Sides at 180°  
**DM390** Drill 3 Sides at 90°  
**DM3120** Drill 3 Sides at 120°  
**DM490** Drill 4 Sides at 90°

**\*\*Anchor Bolts and Template may be pre-shipped at the customers' expense upon request\*\***

### Accessories (Order Separately)

#### WINCHES

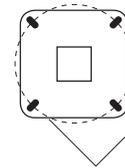
Hinged Pole Winch  
**HP WINCH-LT** (Lifts 600 lbs)  
**HP WINCH-MED** (Lifts 1200 lbs)  
**HP WINCH-HD** (Lifts 2500 lbs)

#### NOTES

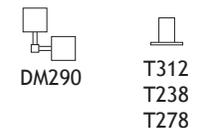
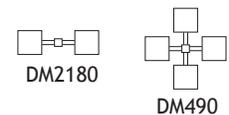
<sup>1</sup> 30' Models include rigidity "wings" on the shroud that overlaps the base section of the pole.



Nominal Mounting Height



Bolt Circle (Always measured on the diagonal)



CENTER COURT