

GROUND SET DIMINISHING SECTION STEEL FLAGPOLES

Both external and internal halyard flagpoles are fabricated from all new seamless steel tubing. Diminishing sections, welded together, form a graceful tapered appearance. Sizes below are most commonly used, we can fabricate other sizes to any specifications.

EXTERNAL HALYARD FEATURES

Ball - 14 Ga. Aluminum with flash seam. Gold anodized is furnished unless otherwise specified or choose from Clear Anodized (Silver) or finished to match shaft.

Truck - heavy duty, external halyard, non-fouling, revolving-type with 26 stainless steel ball bearings. Finished to match flagpole shaft.

Halyard - standard equipment includes one waterproof, mildew and U.V. Resistant nylon halyard with wire center. Choose: White, Silver, Black or Brown to match shaft.

Cleat - heavy-duty cast aluminum finished to match shaft. Secured with two stainless steel, flat-head, tamper-proof machine screws.

Collar - ornamental base or flash collar of spun aluminum with a diameter of at least 1" larger than the foundation sleeve.

Foundation Sleeve - 16 Ga. Corrugated steel tubing with lightning spike, base plate, support plate and centering wedges.

Above fittings are included as standard equipment on all Diminishing Section Flagpoles with External Halyards. As with all of our Flagpole lines, optional accessories are available.

Finish - all of our steel flagpoles are mechanically cleaned and chemically etched to provide a smooth surface. Two coats of two-part polyurethane primer are applied before application of two polyurethane finish coats. Specify custom or one of these standard colors: Aluminum (silver), Light Bronze, Medium Bronze, Dark Bronze, Black or White.

Recommendation: flagpoles above 100' exposed height should be equipped with an internal halyard to aid in raising and lowering larger flags.

INTERNAL HALYARD FEATURES

Ball (optional) - 14 Ga. Aluminum with flash seam. Gold anodized is furnished unless otherwise specified or choose from Clear Anodized (Silver) or finished to match shaft.

Truck - heavy duty, INTERNAL halyard revolving-type with 26 stainless steel ball bearings. Finished to match flagpole shaft.

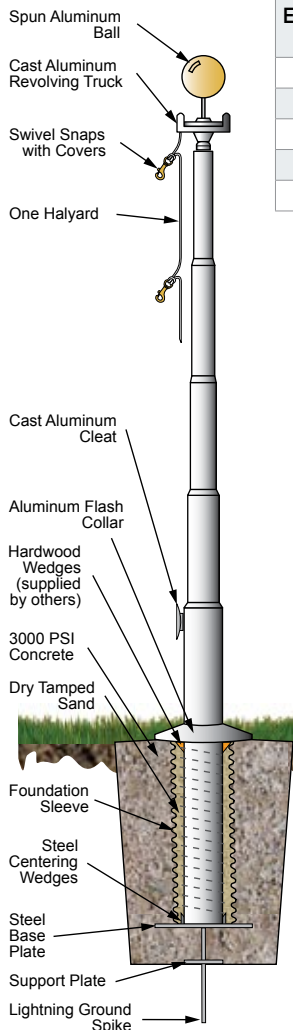
Halyard - standard equipment includes one stainless steel aircraft cable complete with proper size flag arrangement, shock spring, counterweight, beaded retainer ring and flag snaps.

Winch - new, improved winch, mounted inside shaft, is operable only by a removable crank handle. Gearless and self-locking at any point, it eliminates the need for a separate brake. New direct-drive permits rapid raising and lowering of flag with little effort. As stainless steel cable unwinds from winch, it passes up through the shaft, over truck sheave to the outside of the shaft where retainer sling provides a sliding anchor. Counterweight, heavily coated with neoprene, attached to retainer sling, allows halyard to be lowered for fastening or removing flag. Then, halyard is raised completely out of reach of vandals.

Collar - ornamental base or flash collar of spun aluminum with a diameter of at least 1" larger than the foundation sleeve.

Above fittings are included as standard equipment on all Diminishing Section Flagpoles with External Halyards. As with all of our Flagpole lines, optional accessories are available.

EXTERNAL HALYARD



EXPOSED HEIGHT	OVERALL LENGTH	BUTT DIA.	TOP DIA.	WALL	# OF SECTIONS	FIELD WELDS	MAXIMUM UNFLAGGED WIND SPEED	MAXIMUM FLAGGED WIND SPEED	MAXIMUM SUGGESTED FLAG SIZE	SHIPPING WEIGHT
90'	99'	10.75"	4.5"	.375	5	2	100+ MPH	78 MPH	25' x 40'	2700 lbs.
100'	110'	12.75"	5.563"	.375	5	2	100+ MPH	88 MPH	30' x 50'	3900 lbs.
110'	121'	14"	6.625"	.375	5	2	100+ MPH	87 MPH	30' x 50'	4100 lbs.
120'	132'	14"	6.625"	.375	5	2	100+ MPH	85 MPH	30' x 50'	4900 lbs.
130'	143'	18"	6.625"	.375	6	3	100+ MPH	88 MPH	30' x 50'	6400 lbs.

Your choice of Silver, Light Bronze, Medium Bronze, Dark Bronze, Black or White painted finish.

EXTERNAL HALYARD PRICING			
MODEL	1-2	3-6	7+
EST90	Call for pricing.		
EST100			
EST110			
EST120			
EST130			

INTERNAL HALYARD PRICING			
MODEL	1-2	3-6	7+
EST90IH	Call for pricing.		
EST100IH			
EST110IH			
EST120IH			
EST130IH			

EXTERNAL HALYARD ITEM NUMBERS						
MODEL	SILVER	LT. BRONZE	MED. BRONZE	DK. BRONZE	BLACK	WHITE
	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #
EST90	322638	322663	322643	322648	322653	322658
EST100	322639	322664	322644	322649	322654	322659
EST110	322640	322665	322645	322650	322655	322660
EST120	322641	322666	322646	322651	322656	322661
EST130	322642	322667	322647	322652	322657	322662

INTERNAL HALYARD ITEM NUMBERS						
MODEL	SILVER	LT. BRONZE	MED. BRONZE	DK. BRONZE	BLACK	WHITE
	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #	ITEM #
EST90IH	322668	322693	322673	322678	322683	322688
EST100IH	322669	322694	322674	322679	322684	322689
EST110IH	322670	322695	322675	322680	322685	322690
EST120IH	322671	322696	322676	322681	322686	322691
EST130IH	322672	322697	322677	322682	322687	322692

All poles on pages 141 through 167 can be mixed to achieve the higher quantity pricing, but shipment must be made to the same location at the same time.