

ALUMINUM ALLOY EQUIPMENT FOR OVERHEAD LINES

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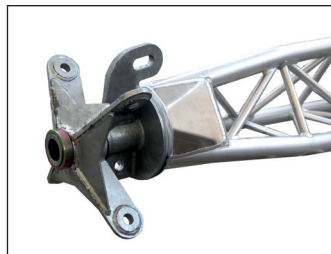
ALUMINUM GIN POLE

Aluminum gin pole for tower erection and hoisting operations. Modular lattice structures made of TIG welded light aluminum alloy pipes. Rated capacity (PN) at 0° inclination ranging from 1000 to 10000 daN.

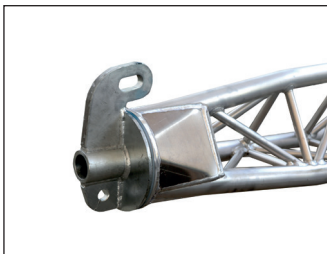
Complete with swivelling head and base and ground base plate. Available in two configurations: internal or external rope-passage arrangement.

Upon request:

- Different lengths and capacities.
- Special steel gin poles.



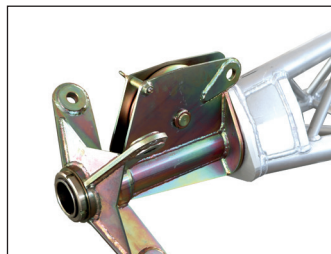
External rope-passage swivelling head



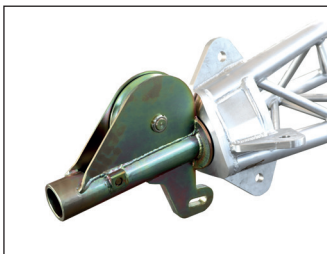
External rope-passage swivelling base



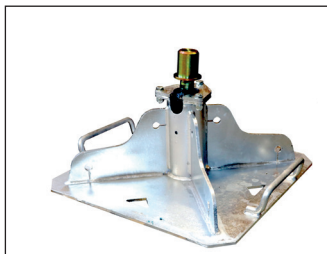
External rope-passage swivelling base with hook



Internal rope-passage swivelling head with integrated sheave (pulley)



Internal rope-passage swivelling base with integrated sheave (pulley)



Base (ground) plate



$$PN = T + C$$

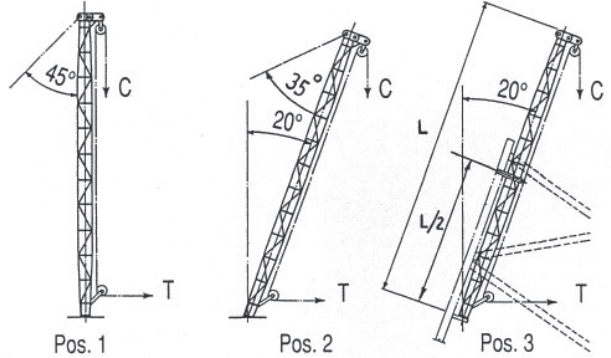
ALUMINUM GIN POLE

Rated capacity of each gin-pole varies upon inclination and anchoring position.

At 0° inclination, it is defined by the formula $PN = T + C$ where "T" is the pulling force [i.e., applied by the winch machine] and "C" is the weight lifted.

In other configurations, rated capacity has to be assessed on a case-by-case basis.

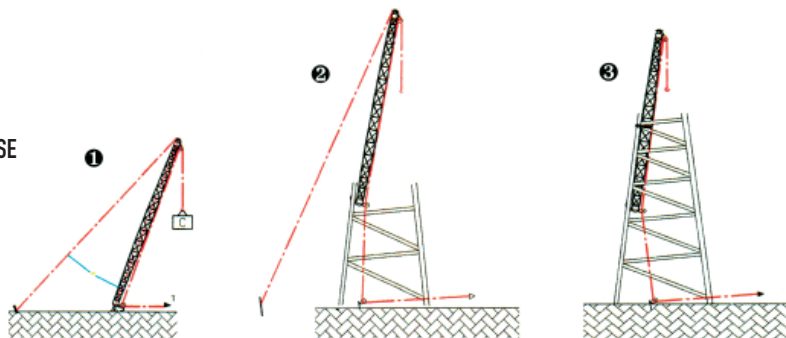
Please refer to this formula and below sketch to identify the correct model of gin pole to suit your requirement and calculating desired lifting capacity.



MODEL	Capacity "PN" = T+C (daN)			Total length m	Composition m	Weight for external rope passage version kg	Weight for internal rope passage version kg	Ground base weight kg
	PN POS. 1 $\alpha=0^\circ$	PN POS. 2 $\alpha=20^\circ$	PN POS. 3 $\alpha=20^\circ$					
050/1/6.2	1000	600	240	6	3+3	43	54	11,5
050/1/8.2	1000	600	240	8	4+4	54	66	
050/1.5/8.2	1500	900	360	8	4+4	65	74	16
050/1.5/10.2	1500	900	360	10	5+5	76	87	
050/1.5/12.3	1500	900	360	12	4+4+4	86	98	16
050/2/8.2	2000	1200	480	8	4+4	67	75	
050/2/10.3	2000	1200	480	10	4+2+4	80	88	16
050/2/12.3	2000	1200	480	12	4+4+4	91	99	
050/3/8.2	3000	1800	720	8	4+4	74	79	25
050/3/12.3	3000	1800	720	12	4+4+4	109	117	
050/3/16.4	3000	1800	720	16	4+4+4+4	146	155	
050/3/18.3	3000	1800	720	18	6+6+6	162	170	25
050/4/10.3	4000	2400	960	10	4+2+4	98	116	
050/4/12.3	4000	2400	960	12	4+4+4	113	131	
050/4/16.4	4000	2400	960	16	4+4+4+4	166	182	25
050/4/20.4	4000	2400	960	20	5+5+5+5	208	225	
050/5/12.3	5000	3000	1200	12	4+4+4	139	152	35
050/5/16.4	5000	3000	1200	16	4+4+4+4	208	221	
050/5/20.4	5000	3000	1200	20	5+5+5+5	266	278	
050/7/12.3	7000	4200	1680	12	4+4+4	160	198	76
050/7/16.4	7000	4200	1680	16	4+4+4+4	210	245	
050/7/20.4	7000	4200	1680	20	5+5+5+5	245	283	
050/10/16.4	10000	6000	2400	16	4+4+4+4	241	278	76
050/10/20.4	10000	6000	2400	20	5+5+5+5	291	325	

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EXAMPLE OF A PROPER USE OF AN EXTERNAL ROPE-PASSAGE GIN POLE



EXAMPLE OF A PROPER USE OF AN INTERNAL ROPE-PASSAGE GIN POLE

