

# K-MAST/TOWER SYSTEM

▶ PRODUCT NO: 4911 / 4933 / 4939 / 4938

## THE MODULAR K -SYSTEM

consists of square 2 m (6,6 ft) high sections. The side of the sections range from 600 mm (23,6 in) to 1350 mm (53,1 in). Tapered sections are used to connect two different section sizes.

## FLEXIBILITY

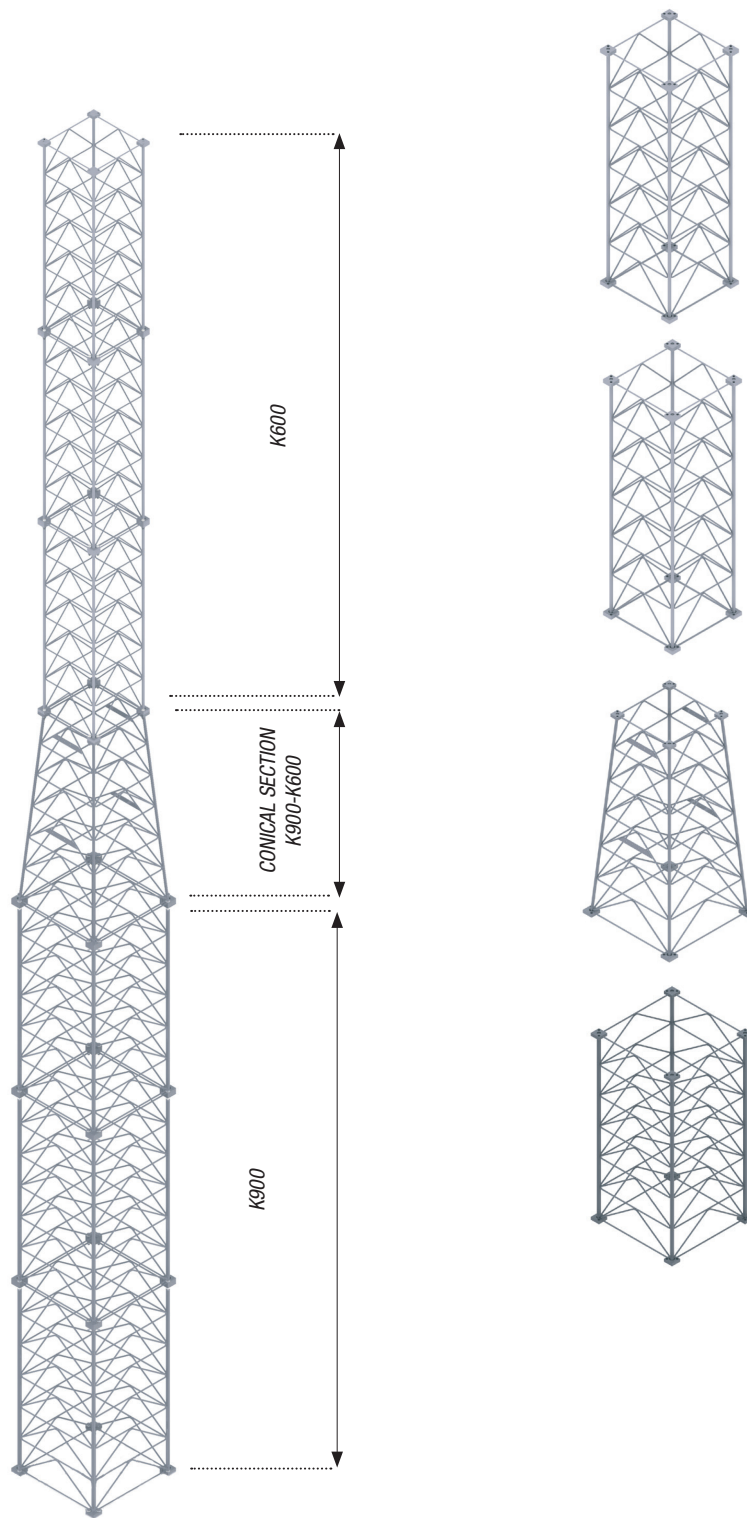
The towers can be built at any height up to 40 m (131 ft) and the masts up to 200 m (656 ft). There is no need for an external ladder since the towers are climbable on the inside and/or outside. It is possible to assemble the tower by using gin pole, crane or helicopter.

## QUALITY

The tower sections are robot welded and CE-marked according to EN-1090. The mast sections consist of solid rod galvanized steel components. This gives the system excellent corrosion resistance and a long life. Since the frame legs are made from solid steel rods there is no risk of inside corrosion.

## ACCESSORIES

Climbing barriers, lightning rods, booms, top spires, fall arrest system, obstruction lights, brackets, etc. are available on request.



K600			
<b>PRODUCT NO:</b>	4911	<b>DRAWING NO:</b>	CD 431100
<b>SECTION SIDE:</b>	600 mm (23,6 in)	<b>SECTION HEIGHT:</b>	2000 mm (78,7 in)
<b>FRAME LEG DIAMETER:</b>	Ø25 mm (1,0 in)	<b>WEIGHT / SECTION:</b>	70 kg (154 lb)

K600 STRONG			
<b>PRODUCT NO:</b>	4933	<b>DRAWING NO:</b>	CD 431170
<b>SECTION SIDE:</b>	600 mm (23,6 in)	<b>SECTION HEIGHT:</b>	2000 mm (78,7 in)
<b>FRAME LEG DIAMETER:</b>	Ø30 mm (1,2 in)	<b>WEIGHT / SECTION:</b>	75,4 kg (166 lb)

CONICAL SECTION / K900-K600			
<b>PRODUCT NO:</b>	4939	<b>DRAWING NO:</b>	CD 431160
<b>SECTION SIDE:</b>	900/600 mm (35,4/23,6 in)	<b>SECTION HEIGHT:</b>	2000 mm (78,7 in)
<b>FRAME LEG DIAMETER:</b>	Ø25 mm (1,0 in)	<b>WEIGHT / SECTION:</b>	110 kg (242,5 lb)

K900			
<b>PRODUCT NO:</b>	4938	<b>DRAWING NO:</b>	CD 441150
<b>SECTION SIDE:</b>	900 mm (35,4 in)	<b>SECTION HEIGHT:</b>	2000 mm (78,7 in)
<b>FRAME LEG DIAMETER:</b>	Ø35 mm (1,4 in)	<b>WEIGHT / SECTION:</b>	140 kg (308 lb)

TECHNICAL DETAILS	
<b>OPTIMAL HEIGHT:</b>	2-40 m (6,6-131 ft)
<b>DESIGN STANDARDS:</b>	TIA 222-G, Eurocode 3, part 1-1, part 1-8 and part 3-1 DIN V 4131
<b>MATERIALS: LEGS:</b>	S355, S460 Braces: S355
<b>CONNECTIONS:</b>	Bolts, nuts and washers class 10.9
<b>ANTI CORROSION:</b>	All steel elements are hot-dip galvanized (ISO 1461) Optional painting (red/white).
<b>LADDER:</b>	Open or caged ladder (inside or outside). Safety climbing rail and cable support are optional.
<b>ANCHORING:</b>	Anchor bolts grade 8 according to EN ISO 898-1:1999 Positioning template.
<b>ACCESSORIES:</b>	Work and rest platforms, antenna supports, anti-climb guard, obstruction light, lightning protection kit.
<b>DOCUMENTATION:</b>	Detailed packing list, installation manual, foundation design.

**NOTE!** Please contact our sales or design department for configuration and optimising of your K-mast/tower system.

