

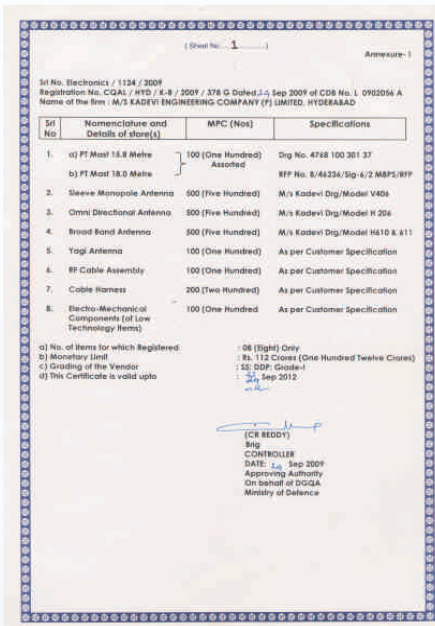
Application:

Some of the applications of masts are listed below:

- ✘ Radio transmission
- ✘ Flood light stands in the illumination industry
- ✘ Meteorological Measurements
- ✘ Conducting geodesic surveying
- ✘ Jamming unwanted radio signals
- ✘ Radio survey
- ✘ Measuring field strength
- ✘ Measuring Noise levels

Product Range and Brief Specs:

Erected Height	6 Meters to 100 Meters
Head Loads	Up to 200 Kg
Type of Mast	Tubular / Angular
Wind Load	Up to 200 Kmph
Finish	Hot Dip Galvanising as per IS 4759



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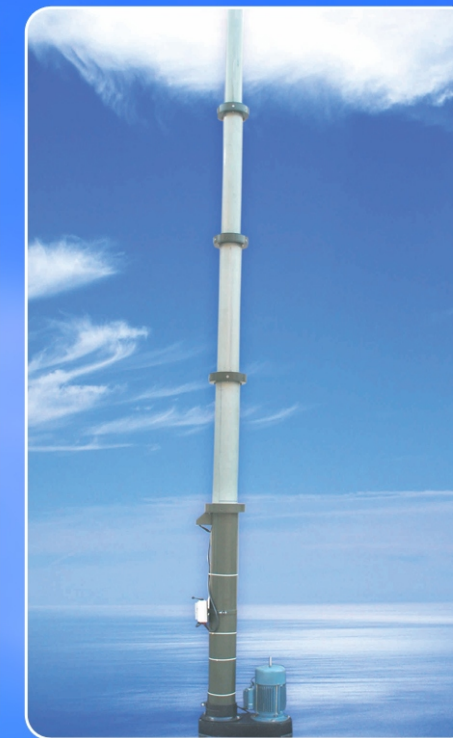
Branches:
 Delhi
 Hyderabad
 Chennai
 Bangalore



TELESCOPIC MASTS



PUSH FIT MAST



ELECTRO MECHANICAL MAST



GUYED MAST



ISO 9001-2008 & ISO 14001-2004 & BS OHSAS 18001-2007
 CERTIFIED COMPANY

About Kadevi

Kadevi was established in 1964 and started as a small scale industry manufacturing of Communication Antennas and Pneumatic Telescopic Masts. Subsequently the company further expanded its wings into various manufacturing & service fields.

Kadevi has rapidly grown to a large scale industry just in 3 years and has received several awards and became pioneer in all fields. Today, the company is having 1000 plus strong manpower.

Manufacturing Divisions

- ✦ Towers & Galvanising
- ✦ Telescopic & Guyed Masts
- ✦ Antenna Systems
- ✦ Steel Rolling Mill
- ✦ Fasteners
- ✦ Generators

Service Divisions

- ✦ Transmission & Distribution
- ✦ Tower Installations
- ✦ EPC & TSP

Telescopic and Guyed Masts Division:

Telescopic and Guyed Masts division of kadevi has several innovative, customer delight products such as :

- ✦ Electro Mechanical Masts
- ✦ Push Fit Mast
- ✦ Guyed Masts / Towers
- ✦ Rope Drive Masts
- ✦ Pneumatic Telescopic Masts
- ✦ Counterpoise Earth Systems
- ✦ Cell On Wheels
- ✦ Ground Rapid Deployment Systems

Our intensive in-house design and strong focus on manufacturing process and quality systems, enables us to supply high quality products and deliver cost effective timely solutions. We also offer customer specific solutions.

Over the last 45 years, we have pioneered the art of making all types of Telescopic Masts and Guyed Towers to cater for the Vital and Mission critical Integral and Tactical Communication needs of Indian Armed Forces and other establishments.

We have been approved by DIRECTOR GENERAL OF QUALITY ASSURANCE (DGQA) for supply of Masts to Indian Army meeting stringent standards.

Electro Mechanical Mast :

Kadevi's Electro Mechanical telescopic mast is a revolutionary screw drive mast designed to support and cater for the vital mission critical tactical communication needs of Indian Armed Forces and other establishments. The mast is light in weight in its class, mobile and allows internal or external mountings on vehicle. Built with high strength aluminium alloy sections, designed and tested to withstand extreme environmental conditions. The sections are extended or retracted by a screw rod driven by electric motor.

Features :

- ✦ Can be remotely operated
- ✦ Automatically stops at maximum extended height / minimum retracted height
- ✦ Can be stopped at any desired height during erection / retraction
- ✦ Both Vehicle as well as ground mounted versions are available
- ✦ Smooth and noiseless operation during erection and retraction
- ✦ Reliable operation and easy maintenance
- ✦ Quick and easy to deploy
- ✦ Can withstand wind loads up to 120 kmph
- ✦ Can carry head loads up to 200kg
- ✦ Long life span with minimum maintenance
- ✦ Provide both self support & guy support
- ✦ Digital readout facility (optional)
- ✦ Extremely reliable in all weather environment conditions
- ✦ Extremely safe operation
- ✦ Can be operated manually also in the event of any need

Applications :

- ✦ Fixed and Mobile Radio Communication
- ✦ Mobile, Cellular network
- ✦ Field strength measurements
- ✦ Temporary flood lights
- ✦ Measurement of noise levels and pollution levels in the environment
- ✦ Railway signalling applications
- ✦ Traffic monitoring with CCTV cameras
- ✦ Outdoor communication vans
- ✦ Mounting of survey equipment or environmental instruments
- ✦ Remote surveillance

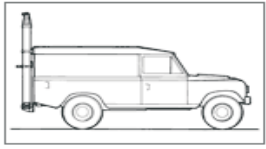
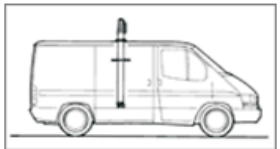


Electro Mechanical Mast



Product Range and Brief Specs:

Erected Height	3 Metres To 20 Metres
Retracted Height	As per Customer requirement
Head Loads	Upto 200 kg.
Type of Mast	Guy Support / Self Support
Wind Speed (Operational)	80 Kmph.
Wind Speed (Survival)	120 Kmph.
Type of application	Ground Mounting / Vehicle Mounting.
Environmental Conditions	Suitable for all weather conditions / As per JSS55555 Conditions
Mast Rotation (optional)	360 degrees 'Azimuth.'

	
Mast Mounted on Vehicle (External)	Mast Mounted on Vehicle (Internal)

Push Fit Mast

The push fit mast is built up of aluminium alloy tubular sections. Effective alignment and precise matching is ensured on the pipe sections. The bottom pipe section is fitted with the base, which is seated in the tilting base cup. The top pipe of the mast has a flange for fixing antenna assembly. The total assembled mast has to be lifted from horizontal position to vertical position with the help of Jib pole and mechanical Winch.

The mast after rising to the vertical position is anchored to the ground through guy ropes and stake guys to ensure the mast is stable at designed wind load conditions. The mast verticality has to be ensured by tightening the ropes and adjusting the Rope tighteners and verifying with the spirit level.

Features :

- ✦ Light and portable, sets up anywhere.
- ✦ Free standing model available
- ✦ Is quickly and easily raised, push up sections
- ✦ Low cost and Maintenance free
- ✦ One-time investment - no operational expenses

Applications :

- ✦ Used to support various types of antennas
- ✦ Emergency lighting in rescue operations
- ✦ Temporary lighting at construction sites
- ✦ Used to mount lightening arrestors and CCTV cameras
- ✦ Hoisting or Lowering of Flag
- ✦ Testing wireless cables

Product Range and Brief Specs:

Erected Height	3 Meters To 25 Meters
Head Loads	Upto 100 kg
Type of Mast	Guy Support
Wind Speed (Operational)	80 Kmph
Wind Speed (Survival)	120 Kmph
Mast Rotation (optional)	360 degrees 'Azimuth'



Guyed Mast / Tower:

The guyed mast is either triangular or square in plan, built of vertical pipe or angular section and reinforced with welded bracing. The guyed mast is designed to withstand wind loads up to 200 Kmph and heights ranging from 6 to 100 Mtrs. The mast is simple and is supported and anchored to ground with steel rope spaced equally

Description:

The number of guy levels can be arrange depending on height and design. For easy transportation purpose, the guyed mast is made of segments in suitable lengths. We also manufacture the guyed mast as per customer design. Guyed mast is a cost effective solution with light weight