



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

# KADEVI

SINCE 1964



**Branches:**  
Mumbai  
Pune  
Chennai  
Bhubaneswar  
Bangalore  
Delhi  
Thiruvananthapuram

# KADEVI

SINCE 1964

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## Electro Mechanical Mast



# Electro Mechanical Mast

## About Kadevi

Kadevi was established in 1964 and started as a small scale industry manufacturing Communication Antennae 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 have 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
- AC Generators
- DC 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
- Pneumatic Telescopic Masts
- Rope Drive Masts
- Guyed Masts / Towers
- Push Fit Mast
- 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 upto 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

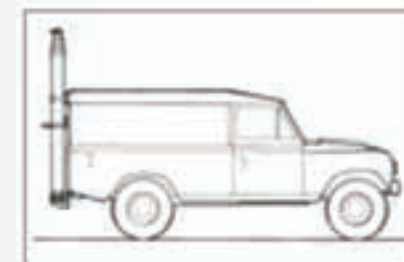
### Applications :

- 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 signaling applications
- Traffic monitoring with CCTV cameras
- Outdoor communication vans
- Mounting of survey equipment or environmental instruments
- Remote surveillance

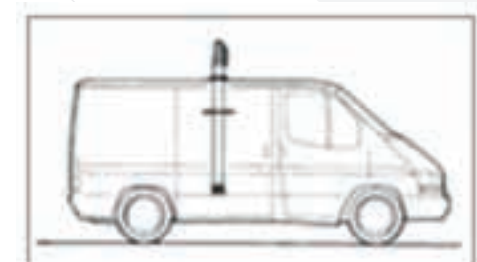


### Product Range and Brief Specs:

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)