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



**Push Fit Mast**

# Push Fit 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 :

- Push fit Masts
- Pneumatic Telescopic Masts
- Electro Mechanical Masts
- Rope Drive Masts
- Guyed Masts/ Towers
- 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.

### 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 Metres To 25 Metres
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'

