

SERIE TRA • LATTICE STEEL TOWERS



These lattice towers have been designed and developed for installation and operation in very remote regions with adverse sea weather conditions, where they have operated successfully over many years.

Suited for solar lighthouses and beacons, with modular tower heights up to 40 m.

Features

- Modular design and construction for rapid and safe erection.
- Steel square-section profile, Eiffel prototype, manufactured according to European standards.
- Designed to withstand wind velocities more than 200 km/h.
- Inclined access ladders within lattice, and resting platforms every 5 metres with safety handrails.
- Spacious and stable top platform, 4x4 metre equipment & working area with protection handrail, allows installation of complete navigation rotating or flashing beacon and solar power system including battery, control cabinets and enclosure.
- Complete tower made from hot-dip galvanized steel, corrosion resistant.
- The tower is supplied complete with all joining plates, brackets, assembling & anchoring bolts and templates.
- Ready for immediate erection.
- Optional 10 m² daymark, located at the top tower module.
- Lightning protection system comprising multi-spike lightning collector and conductor, earthing plate and fixings.
- Optional 200 m² effective echoing area passive radar reflector, up to 360° coverage, installed at the platform of the tower.
- Movable (up & down) first ladder segment, with safety device for its handling.
- Final assembly is facilitated by well written and documented technical manuals. Experienced installation engineers can assist customers in final installation and commissioning.

Design configuration

	Model		
	TRA200	TRA300	TRA400
Tower height	20 m	30 m	40 m
Platform	4 x 4 m	4 x 4 m	4 x 4 m
Base	4 x 4 m	6 x 6 m	10.3 x 10.3 m
Material	Hot-dip galvanized steel		

