

36 meter ICB tower  
Operator: Taliya

# UMTS PROJECT PARTNERS

## GREENFIELD AND ROOFTOP SOLUTIONS

[www.icbtower.com](http://www.icbtower.com)

# UMTS PROJECT PARTNERS

## Communication Infrastructure Solutions

UMTS Project Partners specialize in the design, manufacture and installation of key wireless infrastructure products. With a comprehensive range of products & services, supported by in-house expertise, UMTS Project Partners is able to support the complete needs of the telecommunications and broadcast industries on a global basis.

### countries using ICB towers:

Netherlands  
Belgium  
United Kingdom  
Ireland  
Sweden  
Iran  
Denmark

### operators using ICB towers:

Vodafone  
KPN nederland  
Telfort  
T-mobile  
3  
Mobistar  
Belgacom  
Hutchinson 3G  
Taliya  
Iranceil  
TCI  
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# **ICB TOWER**

## **Intermediate Compact Ballast (ICB Tower)**

The intermediate Compact Ballast offers a complete quick stationary solution for cellular service providers, military application communications and broadcast applications. The ICB can be rapidly deployed with minimum personnel. The fundamental advantage of this advanced product is to be installed rapidly because of mounting the lattice tower on prefabricated foundation blocks.

### **TECHNICAL SPECIFICATIONS**

#### **Dimensions:**

height available in: 18m, 24m, 30m, 36m and 42m

Footprint: 4,5x4,5 m

Weight tower -no equipment: 3.500 kg  
to 5.500 kg

Maximum Weight: 6.100 kg  
Payload: 6.000 kg

Foundation blocks weight: 30.000 kg  
to 80.000 kg

Max. Ground Pressure: 120 kN  
Erection time: max. 4 days on-air

#### **Antenna loading:**

2G/3G: 3x  
Microwave dishes: 6x 0,30 m or  
3x 0,60 m

Max Deflection: <1,0 degrees

@ 160kmh  
Survival wind speed: 200kmh

Cables: 6 - 12x 7/8" to 1 5/8" feeder





# EMC PLATFORM

## EMC platform Units

The EMC Platform unit offers a rooftop solution for cellular service providers, military application communications and broadcast applications.

The EMC Platform Units can be rapidly deployed with minimum personnel. The fundamental advantages of this advanced product are having good resistant to corrosion, being smaller in size, taking less area because of mounting the monopole mast on the platform and also being lighter because of using aluminum tubes instead of steel tubes. This can be helpful especially in urban areas that EMC Platform units are installed on the roofs.

UMTS Project Partners has designed a complete range of EMC Platforms. Each unit within the range is custom designed and can be modified & manufactured to suit the individual customer requirements.

## technical specifications

### Dimensions:

Max. height	
EMC Platform	8m
PLT Platform	12m

Footprint:	3,16m x 2,56m
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Weight -no equipment:	100 kg
Maximum Weight:	150 kg
Payload:	50 kg
platform weight - no equipment	300 kg to 350 kg

Max. Ground Pressure:	120 kN
Erection time:	max. 6hr on-air

### Antenna loading:

2G/3G:	3x
Microwave dishes:	6x 0,30 m or 3x 0,60 m

Max Deflection:	<1,0 degrees @ 90 km/h
Survival wind speed:	130km/h

Cables:	6x 1/2" feeders internal
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# QUICKSITE

## Quicksite BTS

The Quicksite has been designed to assist mobile operator to deploy a complete prefabricated BTS site within 4hrs after arrival on site.

The Quicksite is a shelter based 30meter high telescopic lattice tower, The Shelter is made of fully isolated steal sandwich panels with reinforced doors and contains a strong steel sub frame with foldable support legs and has an internal lift system for the 30 meter lattice tower. In the 3 available compartments there are Resp.

- A BTS equipment room with optional Air-conditioning and overpressure system,
- In the middle compartment is the Electric hydraulic tower lift, with tower sections and accessories
- In the front compartment is a 450L fuel tank and a 7,5KVA low noise 1500RPM powergenerator.

## technical specifications

### Dimensions:

height available in: 36m

Footprint: 6,2x6,2 m

Weight -no equipment: 20.000 kg

Maximum Weight: 26.000 kg

Payload: 6.000 kg

Max. Ground Pressure: 120 kN

Erection time: max. 6hr on-air

### Antenna loading:

2G/3G: 3x

Microwave dishes: 6x 0,30 m or

3x 0,60 m

Max Deflection: <1,0 degrees

@ 160kmh

Survival wind speed: 200kmh

Cables: 6x 7/8" feeders  
and 6x RG214 MW cabling

Towersections: 7x Tower section Heavy  
7x Tower section light  
1x Top section with Pan-tilt Brackets