

About CTT

CTT is a leading designer and manufacturer of

- ✓ Communication Towers,
 - ✓ Portable Tower Systems,
 - ✓ Communication-Sites-on-Wheels, and
 - ✓ Tower-Integrated Mobile Command and Communication Centers
- with a strong focus on communications and access into remote locations.

CTT offers a wide solution range and custom design capability to support the

- ✓ emergency response,
- ✓ temporary and long-term communications, surveillance, and
- ✓ other common and proprietary requirements of national and multinational clients.

By combining the appropriate standards, technical knowledge and user requirements, with strong engineering background enables CTT to suit the most appropriate product.



CTT has vast structural engineering design expertise and manufacturing capability to deliver a wide variety of custom tower solutions.

Areas of usage include;

- Mobile Base Station
- Mobile Radio Transmitter
- Mobile Wi-Fi Distributor
- Mobile Lighting
- Field Test
- Emergency / Disaster Recovery
- Temporary Communication / Emergency Communication
- Mobile Command Center
- Expanding Site Capacity
- Surveillance
- Security
- Other Unique Applications

- * SPORTS
- * MINE SITES
- * WORK SITES

- * OIL INDUSTRY
- * BORDER SECURITY
- * WORK SITES



LIGHTING



SURVEILLANCE



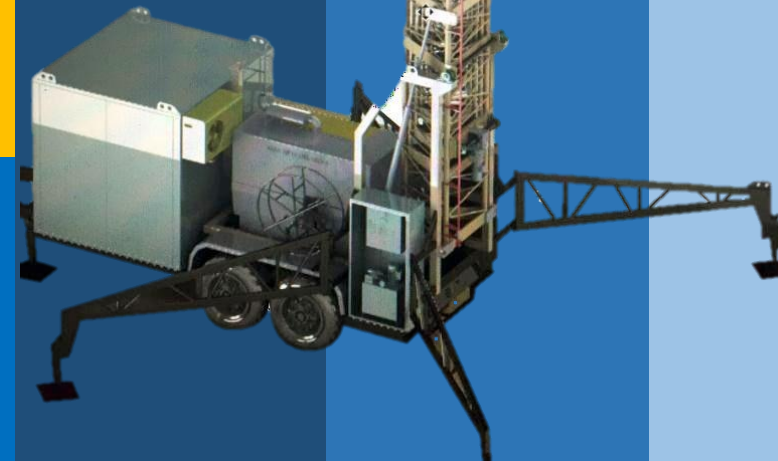
COMMUNICATION

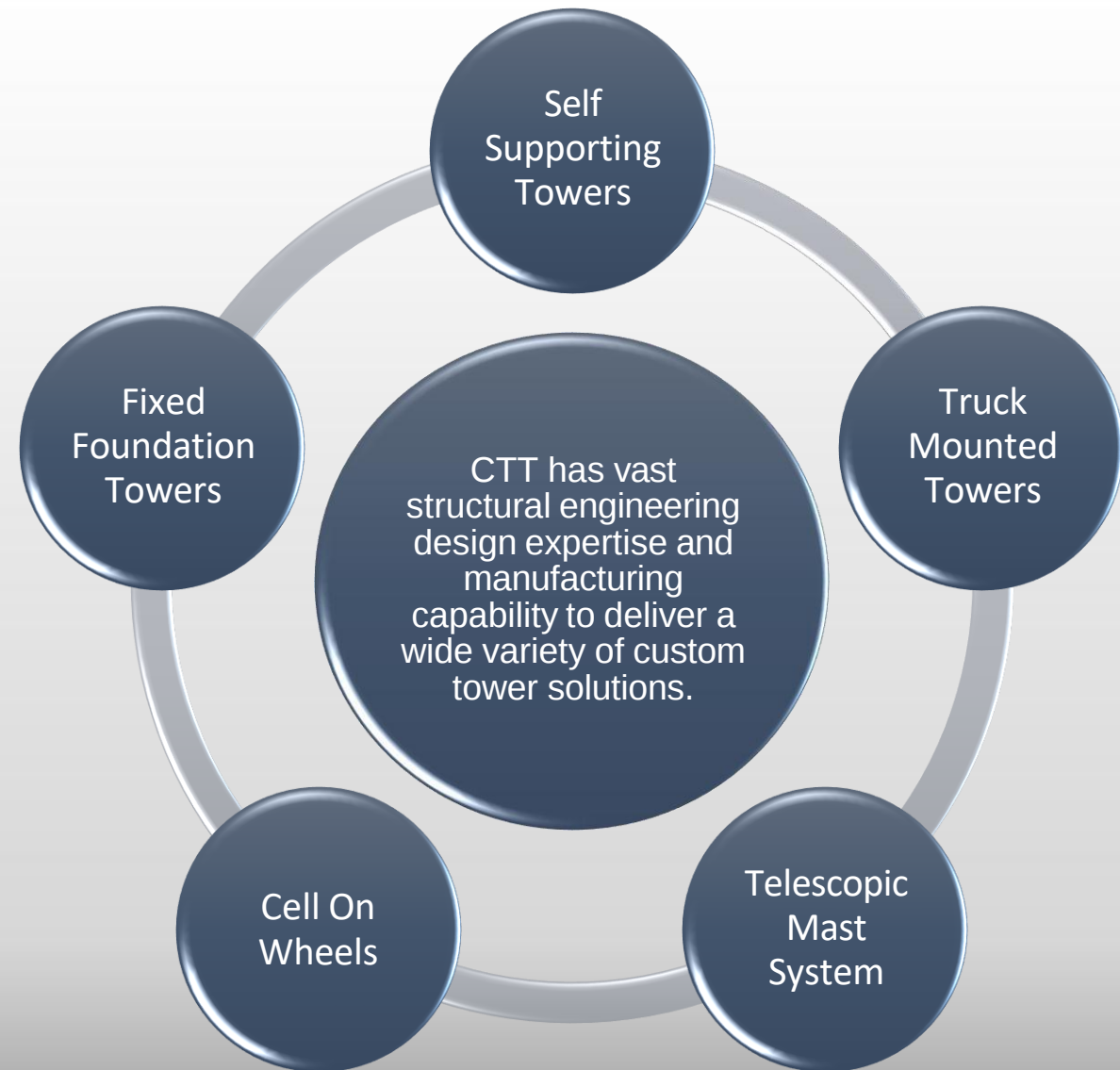
- * CELLULAR COMM.
- * SECURITY
- * MINING
- * EMERGENCY RESP.



ENTERTAINMENT

- * SPORTS
- * CONCERTS



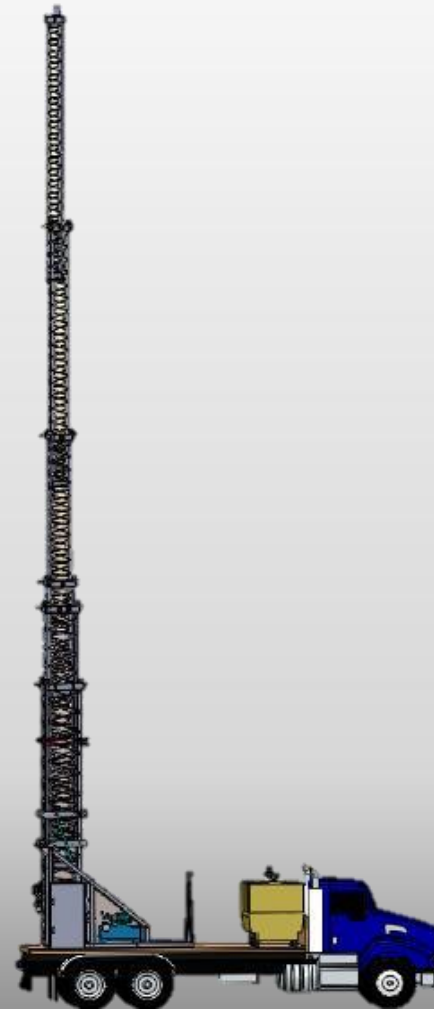


Type Of Towers

Truck Mounted Towers

CTT Truck Mounted Tower Series offer ultimate flexibility in rapid deployment alternatives for the extreme duty telescopic tower system.

Definition	Specification
Product Code	CTT020TT30 / CTT020TT24
Height Range	24 m - 30 m
Payload Capacity	Variable
Material and Coating	Hot Dip Galvanized & PU Painting
Standards	Complies with TIA-222-G and EN1991_1_4



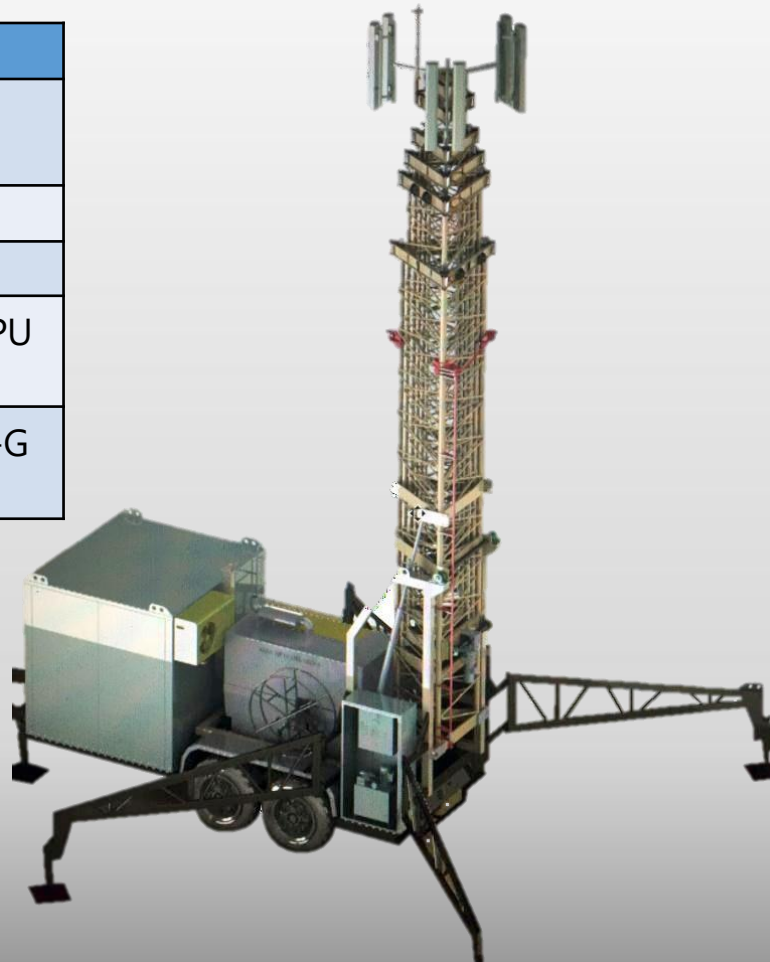
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Type Of Towers

Cell on Wheels- Motor lifting

CTT cell on wheels can be easily transported and rapidly deployed for short term such as to temporarily increase capacity or for long term such as major site enhancements. It is lightweight and mobile and allows internal or external mountings.

Definition	Specification
Product Code	CTT020CT24-CTT020CT30
Height Range	24 m - 30 m
Payload Capacity	Variable
Material and Coating	Hot Dip Galvanized & PU Painting
Standards	Complies with TIA-222-G and EN1991_1_4



Type Of Towers

Cell on Wheels- Manual lifting

CTT Trailer mounted manual lifting tower systems are portable and robust tower solutions.

Definition	Specification
Product Code	CTT020CT12-CTT020CT18
Height Range	12 m - 18 m
Payload Capacity	Variable
Material and Coating	Hot Dip Galvanized & PU Painting
Standards	Complies with TIA-222-G and EN1991_1_4



CTT Fixed Foundation Towers are custom manufactured for installation directly to a concrete foundation and they are extremely durable systems.

Definition	Specification
Product Code	CTT020FT30 / CTT020FT24
Height Range	24 m - 30 m
Payload Capacity	Variable
Material and Coating	Hot Dip Galvanized & PU Painting
Standards	Complies with TIA-222-G and EN1991_1_4



CTT Cell on Wheels

Product Presentation

CTT020CT30





Technical Specifications

Cell On Wheels – 30 m

NO	Definition	Specification
1	Structural Components	Telescopic Tower
		Section Locking Mechanism
		Multipurpose Management Cabin
		Trailer Hitch
		Support legs and Guy Kits
		Control Panel + Tool Cabinet
		DC Generator
		Spare Wheel, Jack and Warning Light
		Air-Conditioning
2	Working Principle	The tower is designed as a 6-section and interlocking triangular lattice structure.
		Before raising the tower in vertical position, all load elements (antennas, microwave bowls etc ...), related fasteners, power cables etc. are installed.
		Tilting and telescopic raising operations are carried out on the control panel with an electrically operated heavy duty crane.
		When the tower reaches the total height, section locking mechanism is activated.
3	Standards	Complies with TS498, TIA-222-G ve EN1991_1_4
4	Air- Conditioning System	12000 BTU (Can operate at +55°C Climate Conditions)
5	System Weight	4000 kg
6	Dimensions (Closed Position)	L: 7500 mm, W: 2400 mm, H: 3800 mm
7	Maximum Loading Weight	6800 kg
8	Maximum Height	30 m
9	Lifting Motor Power	2 Hp/ 1.5 KW
10	Moving Parts	1 shaft w/o brake + 1 shaft w. Brake
11	Paint And Coating	Galvanized or PU Painted





Raising



Lowering



Transport

CTT Quality Policy

The quality of a product manufactured by CTT is beyond its real benefit. Quality is at the forefront in every stage of product life, from development to recycling.

Quality Certificates:
EN ISO 3834-2:2005
EN 15085-2
EN 1090-2
OHSAS 18001:2007
ISO 14001:2015
ISO 9001:2015

CERTIFICATE

kiwa

Kiwa Belgelendirme Hizmetleri Anonim Şirketi
İTOSB 9. Cad. No:15 Tepeören Tuzla, İstanbul, Turkey

Certificate of conformity of the factory production control

1984-CPR-0022

In compliance with Regulation (EU) No 305/2011 of the European Parliament and of the Council of 9 March 2011 (the Construction products Regulation or CPR), this certificate applies to the construction product

Structural components and kits for steel structures execution class EXC2 according to EN 1090-2

placed on the market under the name or trade mark of

CTT ENDÜSTRİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ
and produced in the manufacturing plant

Soğucak osb Mahallesi 3. Organize Sanayi Bölgesi No:42/1
Söğütü / Sakarya / Turkey

This certificate attests that all provisions concerning the assessment and verification of constancy of performance described in Annex 2A of the standard.

EN 1090-1:2009+A1:2011

Under system 2+ are applied and that

the factory production control is assessed to be in conformity with the applicable requirements

This certificate was first issued on 09.07.2019 and will remain valid as long as neither the harmonised standard, the construction product, the AVCP methods nor the manufacturing conditions in the plant are modified significantly, unless suspended or withdrawn by the notified factory production control certification body.

Head of the Certification Body

İstanbul 09.07.2019

Notified Body No: 0086
Kiwa Belgelendirme Hizmetleri A.Ş.
71038 S. Cad. No:22 Haptemen
Tuzla, İstanbul, Turkey
Tel : +90 216 585 22 79
Fax : +90 216 585 22 74
Web : www.kiwa.com.tr
e-posta : posta@kiwa.com.tr

CERTIFICATE

kiwa

Kiwa confirms that the below mentioned company has established a quality management system that meets the requirements of the following standard.

CTT ENDÜSTRİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ
Soğucakosb Mahallesi 3. Organize Sanayi Bölgesi No:42/1
Söğütü / Sakarya / Turkey

EN ISO 3834-2:2005

Quality requirements for fusion welding of metallic materials - Part 2: Comprehensive quality requirements

Field of application: Railway, steel construction and machine equipment products.

Range of certification:

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
141	22	t = 1 - 10 mm	BW
	8.1	t = 1 - 10 mm	BW
		t = 3 - 12 mm	FW
135	1.1	t = 1.25 - 12 mm	BW

Responsible Welding Coord. : İrfan Okumus (IWE) Birthdate: 1990
Deputy : Duygu Candan (Level C) Birthdate: 1993

Certificate No : KIWA/3834/023/0
Valid until : 08.07.2022
Issued on : 09.07.2019
Auditor : F. TEKİŞ

Head of the Certification Body

Kiwa Belgelendirme Hizmetleri A.Ş.
71038 S. Cad. No:22 Haptemen, Tuzla, İstanbul, Turkey
Tel : +90 216 585 22 79, Fax : +90 216 585 22 74
Web : www.kiwa.com.tr, e-mail : posta@kiwa.com.tr

SVS X ASS

CERTIFICATE

Welding of railway vehicles and components according to EN 15085-2

This is to certify that **CTT ENDÜSTRİ SANAYİ VE TİCARET LİMİTED ŞİRKETİ**
Soğucakosb Mahallesi 3. Org.Sanayi Bölgesi No:42/1
54160 Söğütü / Sakarya
TURKEY

is qualified to perform welding work within the range of certification of:

Certification level CL2 according to EN 15085-2

Field of application: Build of components for railway vehicles (door frame)

Range of certification

Welding process according to EN ISO 4063	Material group according to CEN ISO/TR 15608	Dimensions	Comments
135	1.2	t = 1.25 - 12 mm	BW
141	8.1	t = 1 - 10 mm	BW
	22	t = 1 - 10 mm	BW, FW
	8.1	t = 3 - 12 mm	FW

Responsible welding coordinator: İrfan OKUMUS (IWE) [external] born: 03.11.1990

Deputy with equal rights: -

Deputy: -

Certificate no.: SVS/15085/CL2/35/G/19

Valid: from 29.06.2019 to 29.06.2022

Issued on: 03.07.2019

Auditor: ÖZCAN

General regulations (see reverse)

Head of Certification Body

Company References



TUVASAS



For Technical Consulting and Support

At CTT, we undertake a consultative approach for your projects.
We can provide you with cost effective solutions to deliver consistent results.

Contact us Today



CTT Endüstri Sanayi ve Tic. Ltd. Şti.

3. OSB 6. Yol No:42

Söğütü/SAKARYA

E-mail: info@cttendustri.com

