



FORMWORK
SCAFFOLDING
TUBES
ROLL-FORMING
FORGING



*FORMWORK
SCAFFOLDING
SYSTEMS*

Column
Clamp

2024

SINCE'2000



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ABOUT US

WTD Industries is considered as one of the major manufacturers & suppliers of Scaffolding and Formwork in the Middle East, GCC countries and North Africa.

WTD is offering wide range of services such as formwork planning- including project analysis, detailed formwork study, initial cost estimation & computer-aided formwork planning with structural calculations-design, manufacturing, engineering services, sales, rental business & technical support after sales.

All WTD products adhere to international standards and undergo rigorous laboratory testing, including tests for safe working load requirements, deformation resistance, damage resistance, tensile strength, and stress tests.

In 2000, WTD Industries began its journey as a small steel factory in Tanta, Egypt, focusing on decorative steel frames under the name Nefertiti Forge. Over the following decade, our focus shifted towards scaffolding and formwork manufacturing, driven by collaboration with esteemed partners in the construction industry.

By 2010, WTD Industries had established itself as a prominent supplier of scaffolding and formwork in the GCC countries and North Africa. Our comprehensive production facility, spanning over 30,000 square meters in the Beni Sweif Industrial area of Egypt, was home to a workforce of over 150 engineers, technicians, and laborers.

In 2014, as part of our strategic growth plans, we inaugurated the WTD Misr factory in the Hamriya Free Zone of the UAE. This expansion aimed to bolster our sales network, meet market demand, and streamline material delivery across the Gulf region.

By 2017, furthering our capabilities, we established another factory in the 10th of Ramadan in Sharqia, Egypt, dedicated to scaffolding accessories. These strategic moves align with our ongoing mission to provide comprehensive scaffolding solutions to the global market.

In 2023, The road was paved to WTD Industries to flourish in Saudi Arabia, WTD Industries established شركة وتد حلول الانشاء المحدوده WTD Construction Solution LM. Company with two giant stores in Jeddah & Riya, then successes continued.

Such a success is the result of dedication and team spirit.

WTD FORMWORK & SCAFFOLDING SYSTEMS.

Over 20 Years of Trust, WTD remains offering the most economical formwork solutions for any types of construction project.

The values of our strong specialists & workforce are reliability, Accountability ,proficiency & highest commitment.

WTD perceives our team as an asset and a trustworthy success partner.

Customers satisfaction is our utmost goal.

As we measure our achievements against the success of our customers and their satisfaction by offering the most economical Formwork & scaffolding solutions.

Digitalization & Disruptive Innovation are WTD fundamental structures for sustainable success.

WTD organizational structure & consistent enthusiasm facilitate our local presence in many markets, our representatives are capable of providing the best services with excellence & maintain strong connections with our loyal customers.



Eng. Mostafa Bastawesy
WTD President & CEO

WTD CORPORATION

EGYPT



UAE



KSA



INDIA



WTD Network

HEADQUARTER

El Sharqia Govern, Industrial Area- A5-10th of Ramadan city, Plot No.175.



PIPE, COLD-FORMING & SCAFFOLDING
FACTORIES



Beni Sweif Govern, Industrial Area, Metal Sector, Bayad Al-Arab,
Plot No. 26.

Column Clamp

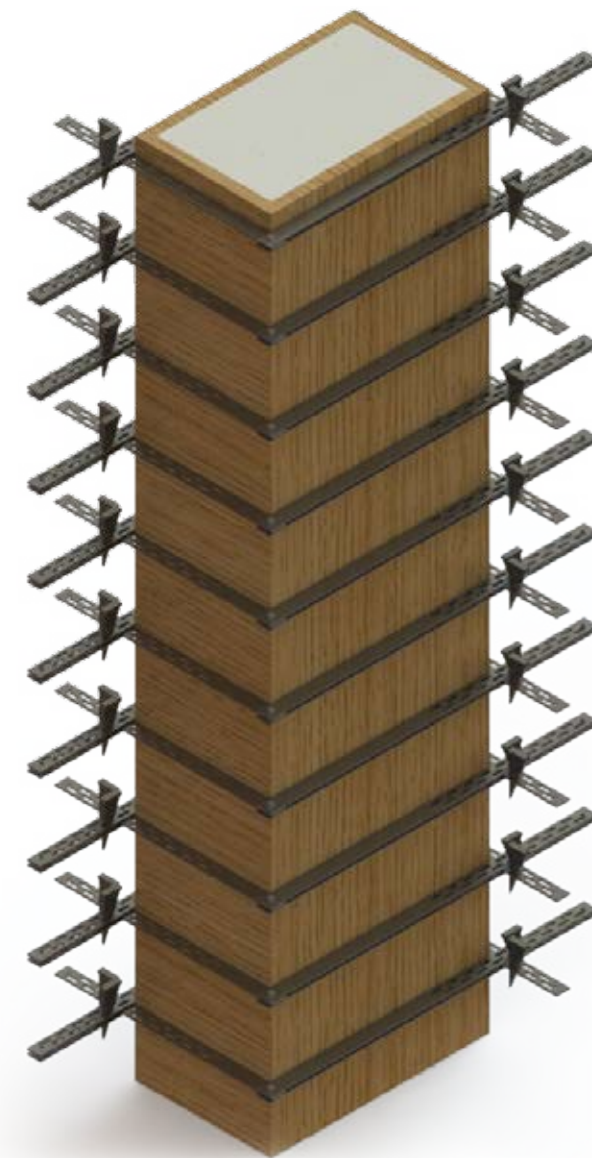
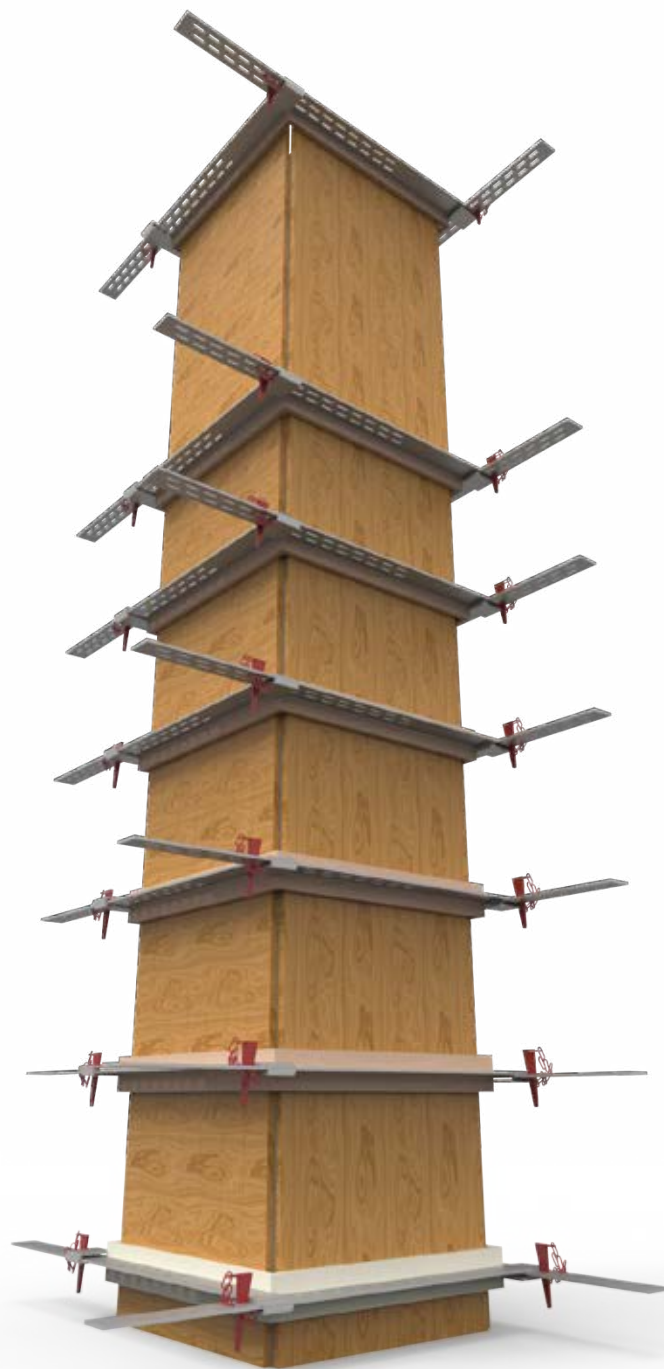
Description

The Column Clamp is an essential tool for efficient and secure formwork in construction projects. Designed for durability and ease of use, this clamp ensures precise alignment and stabilization of concrete columns. Its robust construction and adjustable mechanism accommodate various column sizes, enhancing productivity and safety on-site. Ideal for both commercial and residential applications, the Column Clamp is a reliable choice for achieving high-quality, uniform columns.

Applications

The Column Clamp system is used in various construction settings, including:

- **Commercial Buildings:** Ensures precise alignment and stabilization of concrete columns in large structures.
- **Residential Projects:** Suitable for forming columns in houses and small buildings.
- **Infrastructure Projects:** Can be utilized in constructing bridges, tunnels, and other infrastructure requiring sturdy concrete columns.



Sizing

The Column Clamp system accommodates different column sizes, as indicated by the link lengths:

- Single Link Lengths: 80 cm, 100 cm and 120 cm
- Double Link Lengths: 80 cm, 100 cm and 120 cm
- Wedge weight 0.4 Kg
- These sizes allow for flexibility in handling various column dimensions on-site.

Article No.	Size (cm)	Unit total weight with wedges (kg)
0	80* 80	9.8
	100*80	11.3
	120*80	12.8
	100*100	12.05
	120*100	13.55
	120*120	14.3



Assembly

The assembly of the Column Clamp system involves several steps to ensure a secure and effective setup:

1. **Initial Placement:** Position the two 90-degree links around the column.

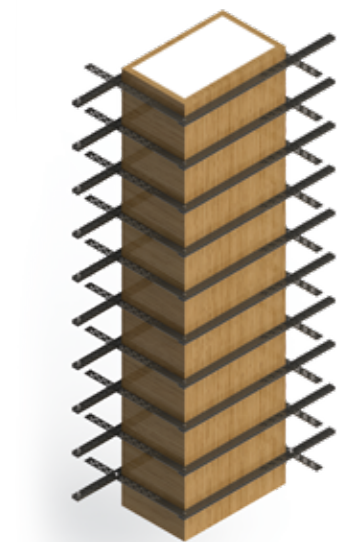


2. **Alignment:** Approach the links to the column and set them one by one.

3. **Securing:** Place the wedges in their corresponding slots to achieve a tight grip around the column.



4. **Repetition:** Repeat the process as needed to cover the entire column.



Components

The system comprises several key components:

- 2x Column Clamp 90-Degree Links: The primary elements that hold the system together around the column.

Article No.	Size (cm)	Weight(kg)
0		4.5



- 2x Steel wedges: Used to secure the links.

Article No.	Size (cm)	Weight(kg)
0		0.4

WTD OFFICES WORLD WIDE



EGYPT

TURKEY

UAE

SAUDI ARABIA

INDIA

RELATED SYSTEMS

1. WTD Smart Beam
2. Waler System
3. Cuplock System
4. H-Frame System
5. Shore Load System
6. Steel Blank
7. ERW Steel Pipes & Tubes
8. Accessories
9. **Column Clamp**
10. Staking System
11. Circular Column



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*A LEADING GLOBAL
CONSTRUCTION GROUP*

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