



TIRANGA
ENGINEERING

**FORMWORK SYSTEM
SHUTTERING PLYWOOD
STEEL SHUTTERING &
SCAFFOLDING ON HIRE & SALES**

MAKE SURE YOUR



**NEXT ERECTION IS
IN SAFE HANDS**

www.tirangaengineering.in

ABOUT US

Tiranga Engineering came into existence in 2020 as a Custom Formwork System for renowned Engineering Companies in India and the Middle East, with competencies in Shuttering Plywood, and Steel Shuttering Scaffolding on hire & sales. With time it has evolved into a professionally managed organization having diverse verticals managed by a dedicated team of qualified and passionate professionals.

Pradeep Singh is a skilled professional in the field of steel shuttering and scaffolding. He began his career in 2004 and has since established himself as a knowledgeable and reliable expert in the industry. Increased customer satisfaction rate with over the time of employment while working as an employer. Managed a team of 5+ engineers to develop valuable solutions for clients. Called 10+ potential clients on a daily basis, with a closing rate of 10% to 20%. Maintained a customer satisfaction rate of 95% for 2023. Hired, trained, and managed 15+ staff. Helped no. of Companies within the budget for the past 3 years in a row. Participated in community affairs to increase branch visibility and to enhance new and existing business opportunities. Managed to improve average profit by 15% over the period of time.

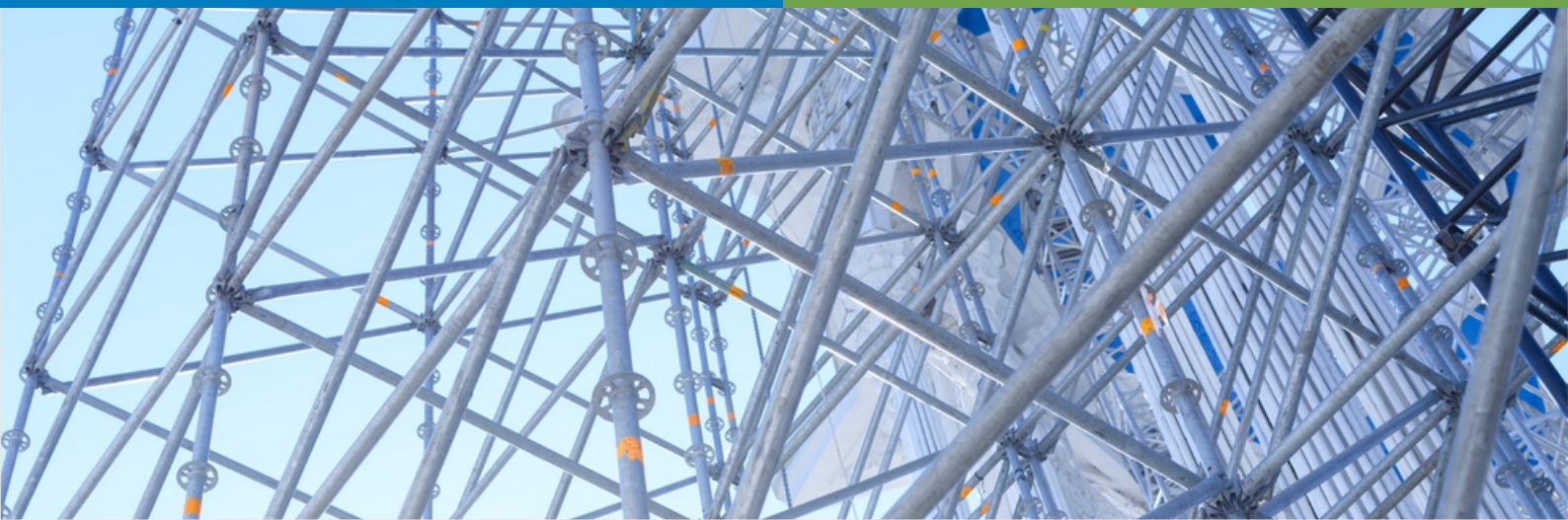
Kunal Yadav is a highly experienced professional in the field of formwork systems. He started his career in 2015 and has since made a name for himself in the industry as a knowledgeable and dependable expert. Talked to 50+ customers on a daily basis. Hit and exceeded sales by 30% in one year. Trained and supervised 5 other cashiers over a period of 3+ years. Reached out to and made no. of deals with new customers and supplying valuable satisfaction over the period of time. Worked with a team of 5 accountants, creating financial reports for all company activities composed of 8 departments. Provided a superior level of customer relations, promoted the sales and service culture through coaching, guidance and staff motivation. Worked as a single point of contact for over 50+ clients, answering all their requests and questions in a timely manner. Worked hand-in-hand with clients to help build their dream-house and buildings. In routine feedback survey, 90% of all clients were satisfied with the work.

VISION

To Develop Technical proficiency and evolve globally into a highly trusted and reliable go-to brand for Cost Competitive, Value Engineered innovative Solutions across all our Products & Services"

MISION

To provide Quality and Cost-Effective Products and Solutions to enhance Safety, Speed, Ease and Reliability in Construction and Operation environments across diverse industries"

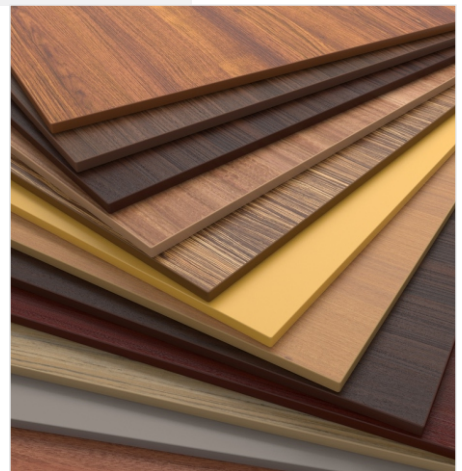


OUR SERVICES



**FORMWORK
SYSTEM**

**SHUTTERING
PLYWOOD**



**STEEL SHUTTERING
& SCAFFOLDING ON
HIRE & SALES**



Shuttering Formwork is a temporary structure that functions as a mould for new concrete, allowing it to be poured and cast in the proper shape



FORMWORK SYSTEM

Considering the industry need we have taken one step ahead to provide advanced and more efficient way of construction work. Our highly appreciated formwork system fulfills its basic advantages like minimal shuttering time, less labor efforts and maximum accuracy in construction. Our formwork system panels have perfect combination of exclusively tailored roll formed M S sheet and high quality shuttering plywood. Panel frames are developed in such a way that shuttering plywood gets filled into it and then it is fixed with non-corrosive aluminum sturdy rivets. The MS Frame ensures its strength and light weight due to its unique forming section design and shuttering plywood will ensure more number of repetitions due to its unique material properties. The formwork system can be easily formed as per the design by clamping various different sized panels with GI Clamps having steady powerful grip. An additional benefit of formwork system is it offers variety of usage of same panels by erecting in different kinds of panel combination. A same set of formwork panels can be utilized for Column, Beam, Lift, Retaining Wall and Slab, etc.

Key Advantage:

- Easy and rapid erection and dismantling.
- Higher number of repetitions.
- Velvety smooth finish exposure of concrete casting.
- Variety of usages for different types of applications.
- Reduced requirement of labor and skilled worker hence cost effective.



COLUMN FORMWORK



LIFT SHAFT FORMWORK



WALL FORMWORK



SHEARING WALL FORMWORK

Formwork is an important part of construction which takes almost 30-35% of total cost of construction.

PRODUCT ON HIRE & SALE

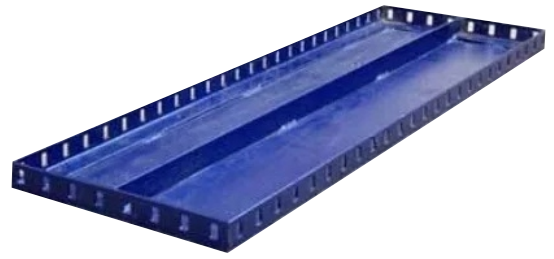


ADJUSTABLE TELESCOPIC PROP

Prop is a labor and time saving device to support shuttering and centering. It is made out of 60 mm O.D. & 48 mm O.D. tubes moving in each other telescopically. A heavy duty S.G. iron nut provides fine adjustment of height of prop. The threads are rolled and not cut.

Available In sizes:

- 2x2 Mtr.
- 2x3 Mfr.
- 3x3 Mfr.



MS SHUTTERING PLATES

Available In sizes:

- 3x2 ft.
- 3x1.5 ft.
- 3x1.25 ft.
- 3x0.75 ft.
- 3x0.5 A
- 4x1.5 ft.

ADJUSTABLE STIRRUP HEAD (U JACK)

The Adjustable Stirrup Head is used at the top of the standard to provide an additional maximum adjustment of 300 mm.

Available In sizes:

- U size 100x100x50 length 450 mm
- U size 100x100x50 length 600 mm



ADJUSTABLE BASE JACK

The Adjustable base-jack is used at the bottom of the scaffold to provide an additional adjustment of up to 300 mm.

Available In sizes:

- Base Plate 150x150 length 450 mm
- Base Plate 150x150 length 600 mm



CUPLOCK VERTICAL/STANDARD

Cup-lock standard have cup joints welded at every 500 mm intervals, thus offering levels for working & also for bracing the standards while using in the slab support when loaded.

Available In sizes:

- 3.0 Mtr.
- 2.5 Mtr.
- 2.0 Mtr.
- 1.5 Mtr.
- 1.0 Mtr.
- 0.5 Mtr.

HORIZONTAL/LEDGERS

These ledgers have forged blade ends which fit in the cup joint on the standard. They can be used in variety of Ledger size combinations to suit required bay size & loading conditions.

Available In sizes:

- 2.0 Mtr.
- 1.5 Mtr.
- 1.2 Mtr.
- 0.9 Mtr.

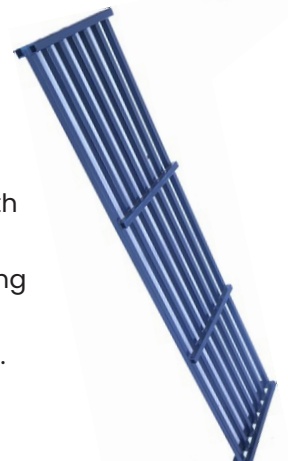


ADJUSTABLE TELESCOPIC SPANS

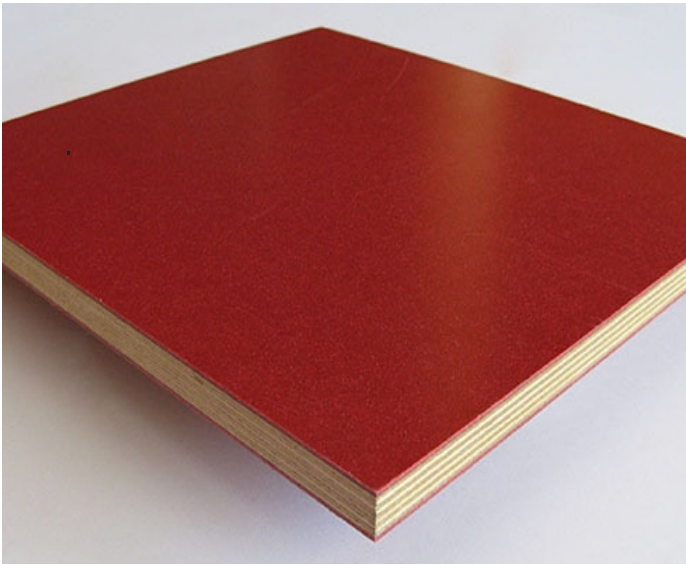
These spans provide maximum safety with minimum supervision. Fabricated out of 2 mm sheet lattices of 10 mm bar, and main bar of 16 mm & T Section of 40x5 mm. it needs no intermediate support to be provided. Its available sizes with their respective opening and load carrying capacity are as under. Available in 2 mm sheets. Lattices of 10 mm bar and main bar of 16 mm and T Section of 40x5 mm sizes.

MS CHALLI

Ms challi for a make temporary platform with the help of cup-lock standards & ledger using for outer wall works like plaster, glass fitting etc.

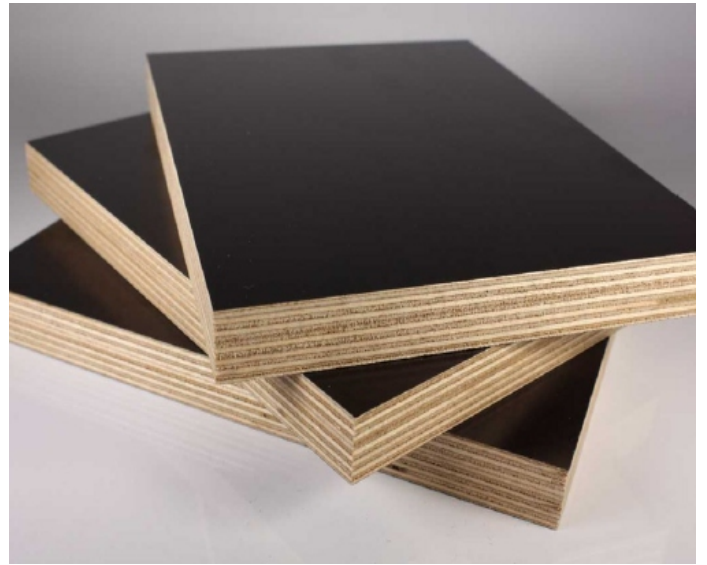


SHUTTERING PLYWOOD



RED FILM FACED PLYWOOD

- Thickness: 12mm - 30kg-34kg
18mm - 45kg-50kg
- Size: 1222x2444mm
- Film: Red
- Mirror Finish, Dent Free, All Glue Line



BLACK FILM FACED PLYWOOD

- Thickness: 12mm - 30kg-34kg
18mm - 45kg-50kg
- Size: 1222x2444mm
- Film: Black
- Mirror Finish, Dent Free, All Glue Line



OUR PRODUCTS & ACCESSORIES



Anchor Nut



H D Anchor Nut



Wing Nut



Tie Rod



T Tie Rod



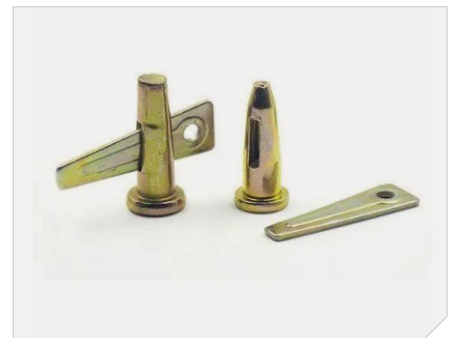
Pressed Coupler Swivel



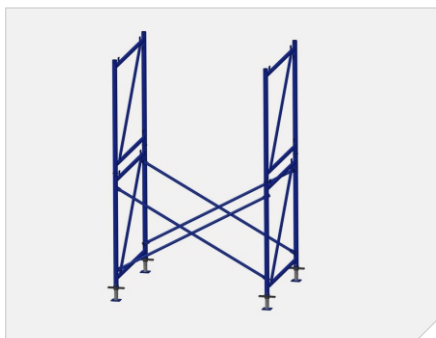
Pressed Coupler Fixed



Spigot (Joint Pin)



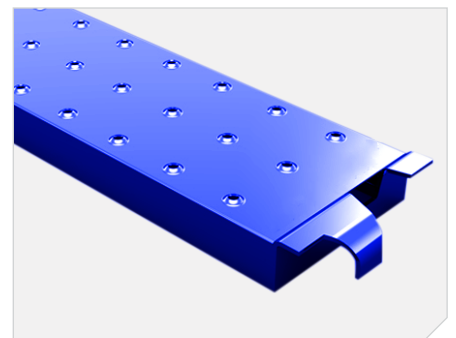
Wedge Pin



H Frame



Bridge Tower



Walkway Planks



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