



# SCAFFOLDING & FORMWORK SOLUTIONS



The background of the entire page is a photograph of a construction site. It features a large, multi-story building under construction, heavily encased in a complex network of metal scaffolding. At the top center, there is a large, rectangular skylight with horizontal slats, allowing natural light to filter into the space. The overall color palette is dominated by the greys and browns of the metal and concrete, with a prominent vertical orange bar on the right side of the page.

# INTRODUCTION

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HMC Scaffolding & Formwork LLC is a leading manufacturer and rental provider of high-quality scaffolding and formwork solutions, ensuring safety, efficiency, and structural integrity across construction projects. Our solutions support residential, commercial, industrial, oil & gas, and infrastructure developments, adhering to the highest international standards.

With a commitment to engineering excellence, safety, and sustainability, we provide customized solutions tailored to meet project-specific needs. Our products are certified for compliance with global safety regulations, ensuring reliability and durability.

## VISION & MISSION

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### Vision

To be the preferred partner for innovative, safe, and sustainable scaffolding and formwork solutions worldwide.

### Mission

To deliver superior-quality scaffolding and formwork systems that enhance construction efficiency while maintaining the highest safety and environmental standards.



# OUR SCAFFOLDING SERVICES

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## Design & Engineering

Tailor-made designs to meet project-specific needs, using advanced software for precise modelling. Solutions ensure load capacity, structural stability, and compliance with global safety standards.

## On-Site Supervision

Experienced professionals oversee safe assembly with routine inspections and real-time adjustments. Coordinated closely with construction teams to ensure seamless execution.

## Scaffolding Management

Comprehensive services from planning to dismantling. Includes material inventory control, resource scheduling, and risk assessments for safe, efficient operations.

## Equipment Supply

Wide selection of tubes, couplers, frames, and platforms in galvanized steel or aluminum. Offers modular systems and accessories like ladders, toe boards, and safety nets for complete functionality.

## Safety & Compliance

Adheres strictly to international safety norms. Provides training, PPE, and fall protection measures, backed by regular inspections and emergency protocols.

Our scaffolding and formwork accessories ensure enhanced safety and adaptability, including:



A diagram of a triangular truss structure. It consists of 10 members and 7 joints. The joints are arranged in four rows: the top row has 1 joint, the second row has 2 joints, the third row has 3 joints, and the bottom row has 3 joints. The members connect the joints in a way that forms a series of triangles. Specifically, there are 3 horizontal members at the bottom, 2 horizontal members in the third row, 1 horizontal member in the second row, and 3 vertical members on the left side. The right side is formed by 3 diagonal members connecting the joints in the second, third, and fourth rows.

Technical drawing showing three vertical test specimens (a, b, c) with dimensions. Specimen (a) is 400 mm high, (b) is 700 mm high, and (c) is 1400 mm high. All have a base plate and a top diameter of 38/4 mm.

Diagram of a square base with a central vertical rod. The base is 150x150 mm and 5 mm thick. The rod is 150 mm high and has a diameter of 25 mm.

Technical drawing of a mechanical assembly. The drawing shows two vertical bars connected by a horizontal bar. Dimensions are given in millimeters. The vertical bars have a total height of 115 mm and a width of 30 mm. The horizontal bar has a length of 300 mm and a width of 3 mm. The vertical bars are connected to the horizontal bar at a distance of 515 mm from the bottom. A note indicates 'See Part 1111111111'.



**Swivel Coupler**



**Double Coupler**



**Sleeve Coupler**



**Putlog Coupler**



**Gravelock  
Girder Clamp**



**Prop Jacks**



**H-Frame**



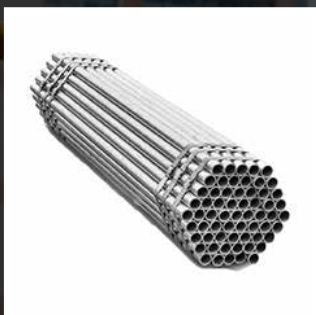
**Aluminium  
Ladder**



**Caster Wheel**



**Bracing Tube**



**Aluminium  
Beam S150**



**Steel Staircase**



# TYPES OF FORMWORK AND SCAFFOLDING

## FORMWORK

**Foundation Formwork**



**Wall Formwork**



**Core Wall Formwork**



**Column Formwork**



**Slab Formwork**



**Retaining Wall Formwork**



## SCAFFOLDING

**External Scaffolding**



**Internal Scaffolding**



**Hanging Scaffolding**



**Cantilever Scaffolding**



**Birdcage Scaffolding**

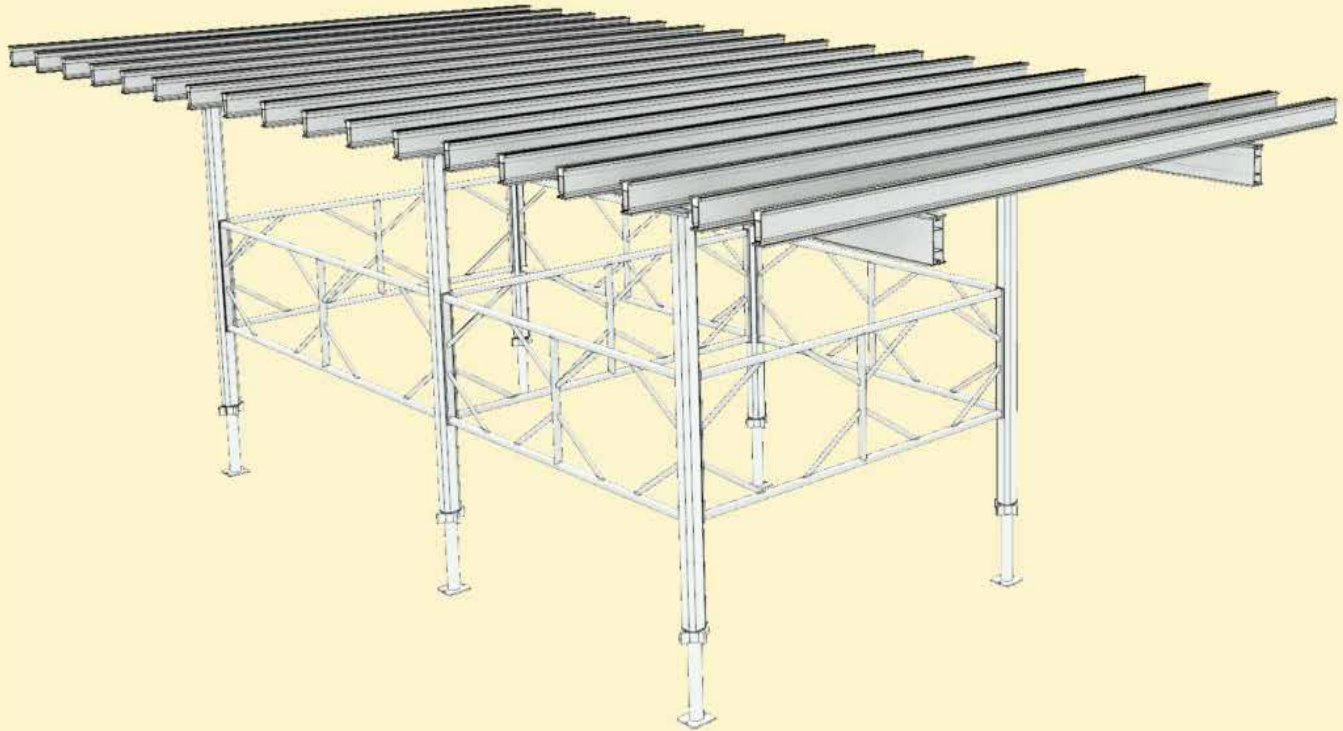


**Buttress Scaffolding**



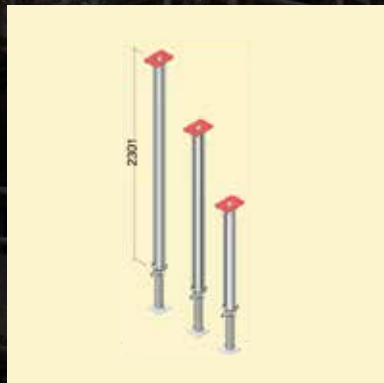


# ALUMINIUM FORMWORK SYSTEM FOR SLAB SUPPORT

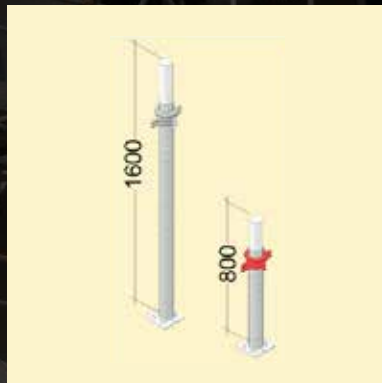


## STANDARD COMPONENTS

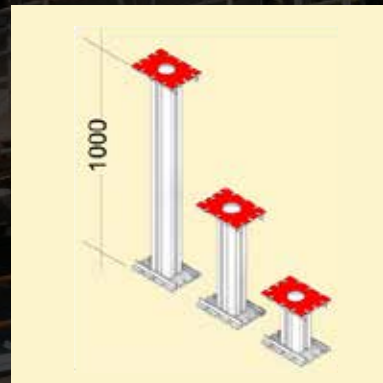
**Titan Leg Outer**



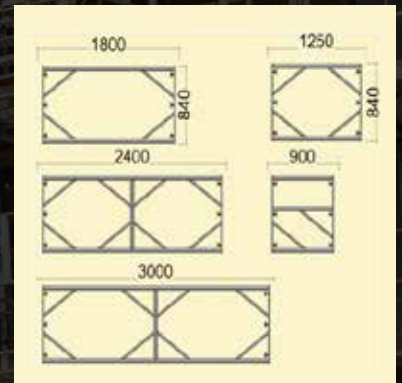
**Titan Adjustable Jack**



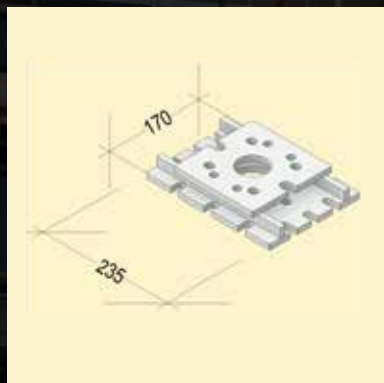
**Titan Leg Extension**



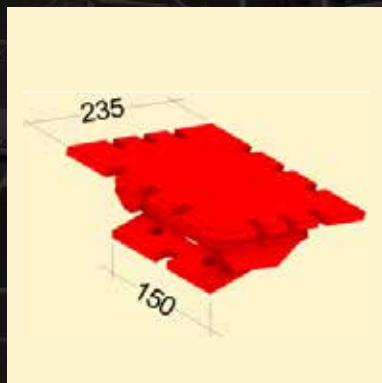
**Titan Ledger Frame**



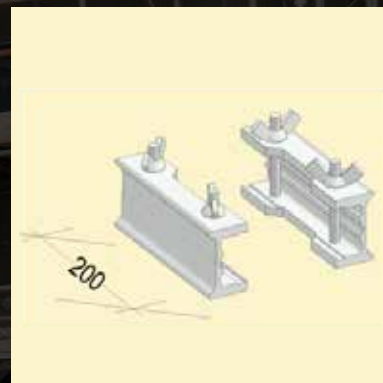
**Titan Leg Adaptor Plate**



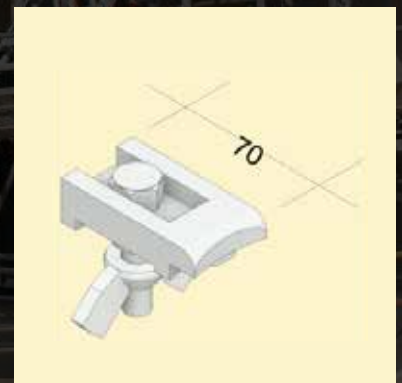
**Titan Rocking Head Plate**



**Titan Leg Connecting Bracket**



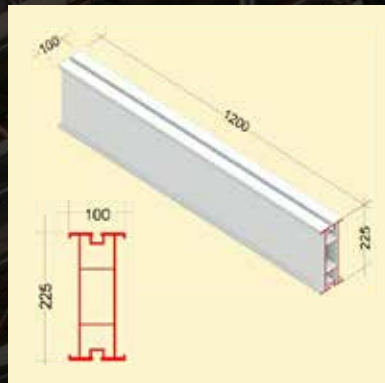
**Titan Leg Retaining Clamp**



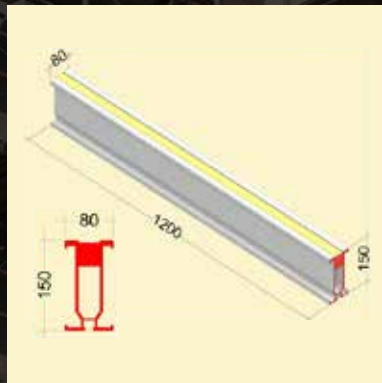


# STANDARD COMPONENTS

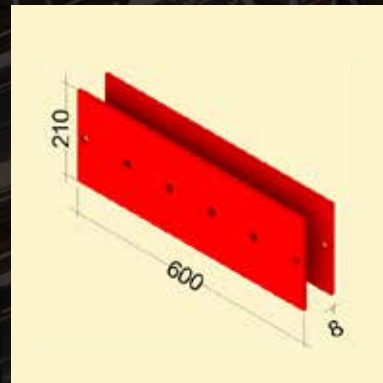
**Twin 225 Beam**



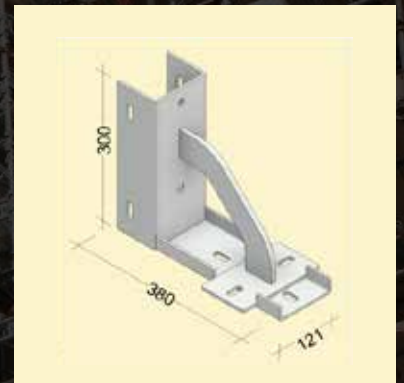
**Twin 150 Beam**



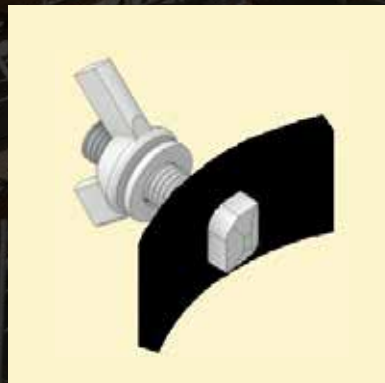
**Titan 225 Splice Plate**



**Titan Edge Beam Bracket Assembly**



**Titan Clamp**



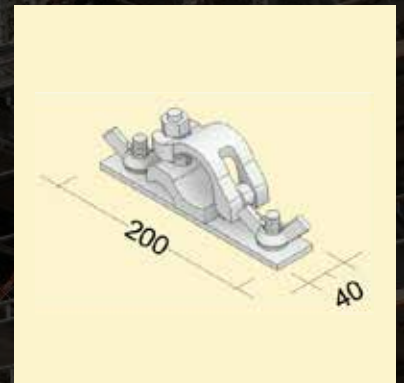
**Universal Clamp**



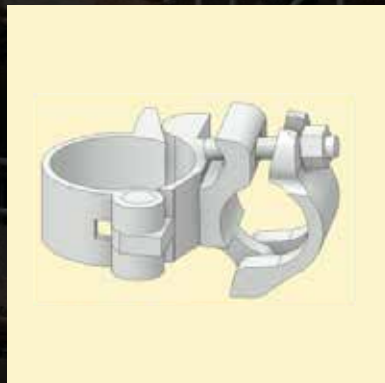
**EPS Beam Bracket**



**Titan Half Coupler Tying Plate**



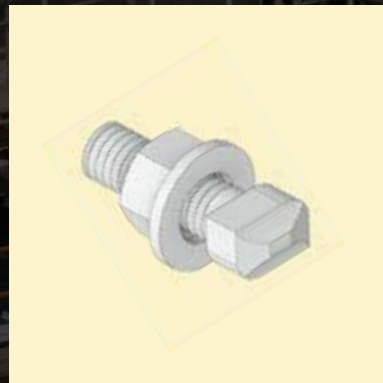
**Scaffold Coupler**



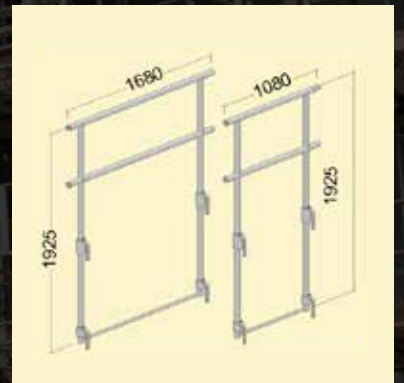
**Double Coupler**



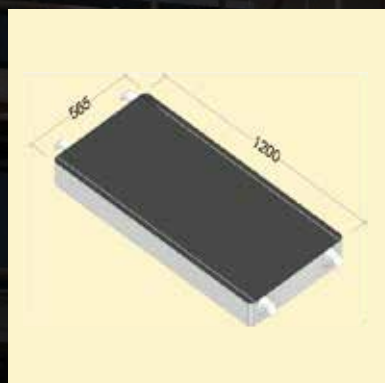
**Titan T-Bolt & Nut**



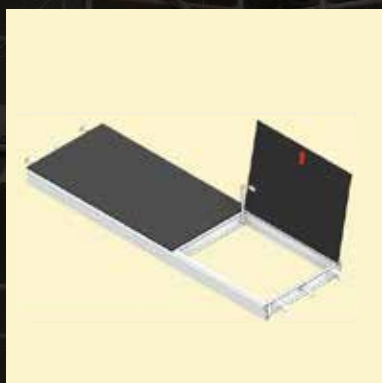
**Handrail Frames**



**Walkway Platform**



**Trapdoor Platform**



**Titan Leg Spanner**

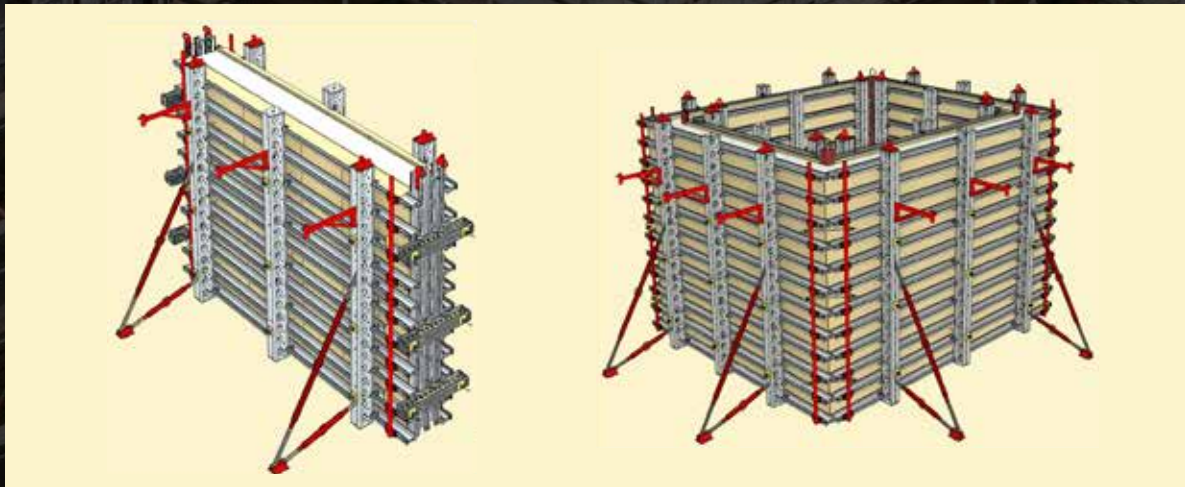


**Titan Trolley**

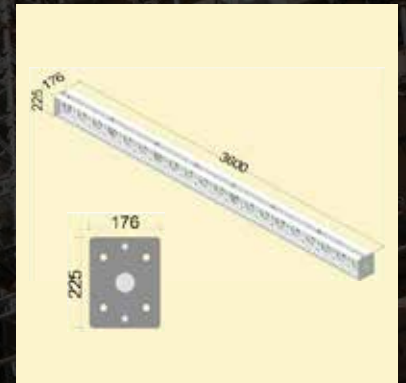




# WALL SHUTTER FORMWORK

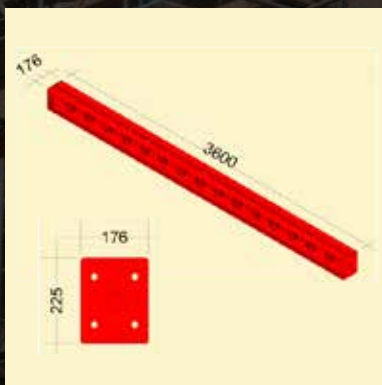


**Universal Soldier**

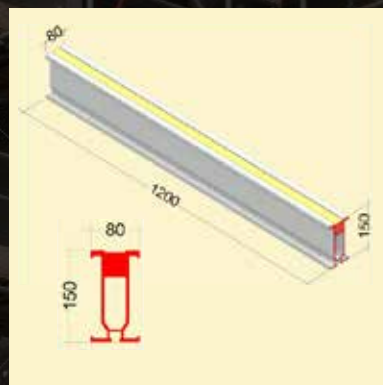


## STANDARD COMPONENTS

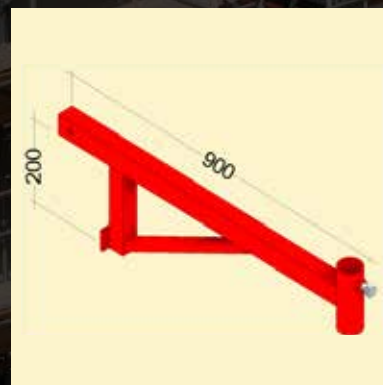
**Steel Soldier**



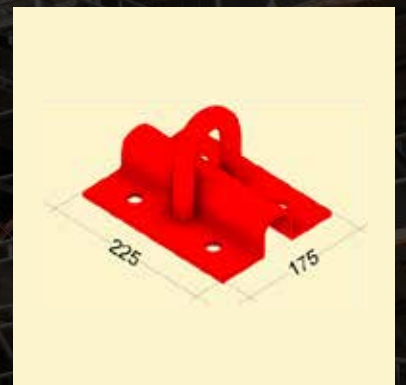
**Twin 150 Beam**



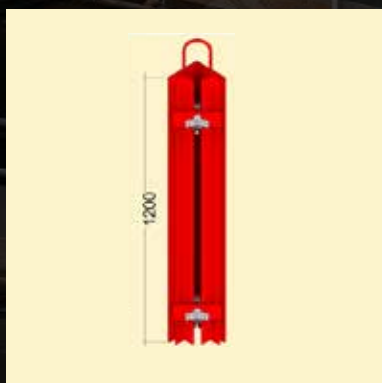
**Soldier Access Bracket**



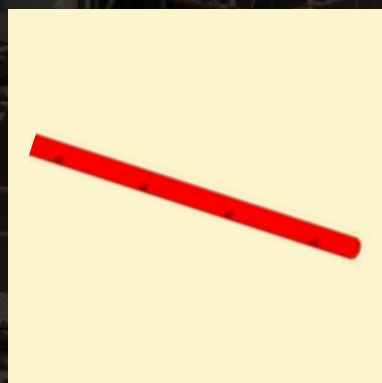
**Soldier Lifting Bracket**



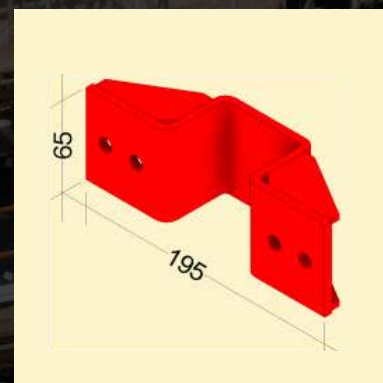
**Internal Stripping Corner**



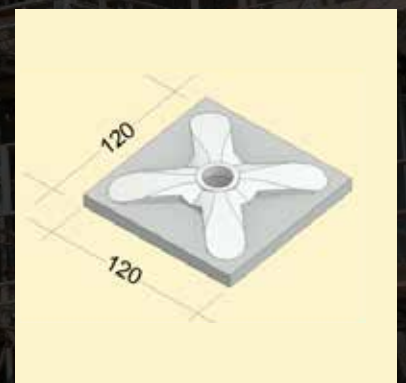
**Corner Post**



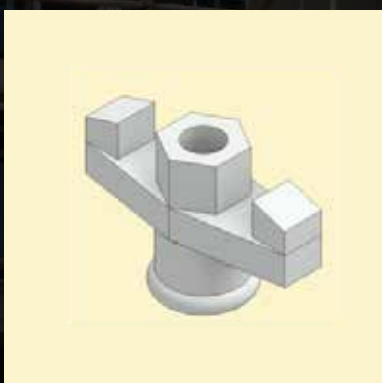
**Corner Connecting Clamp External**



**Waler Plate**



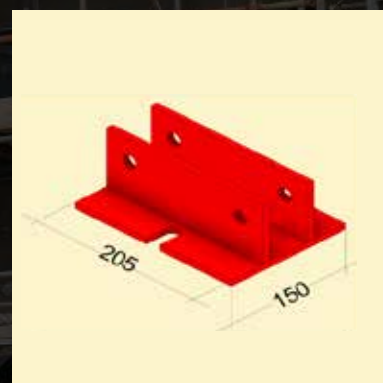
**Wing Nut**



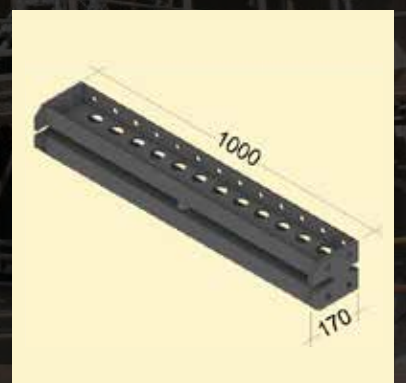
**RSK Push Pull Prop**



**Double RSK Adapter**



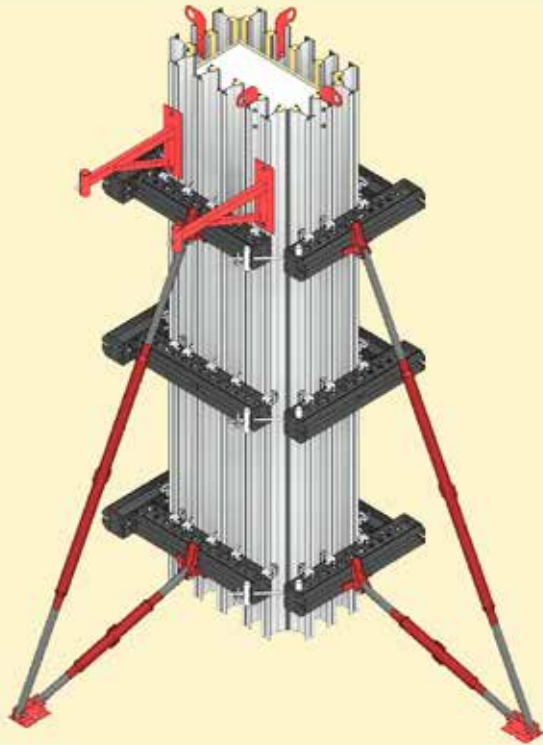
**Column Clamp Arm**



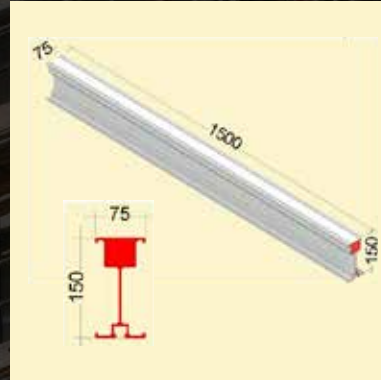


# COLUMN FORMWORK

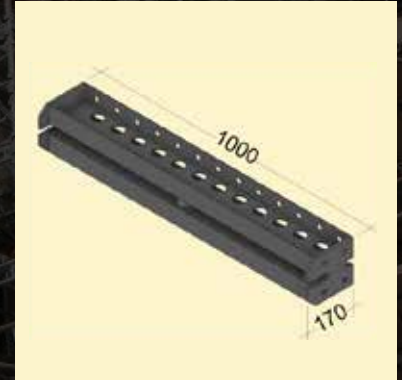
## STANDARD COMPONENTS



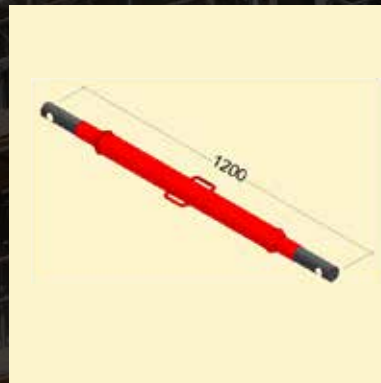
**Single 150 Beam**



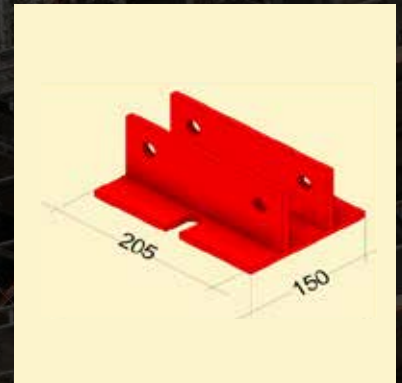
**Column Clamp Arm**



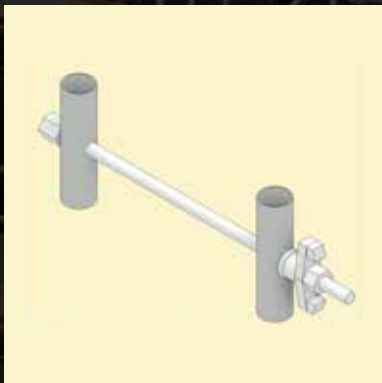
**Push Pull Prop**



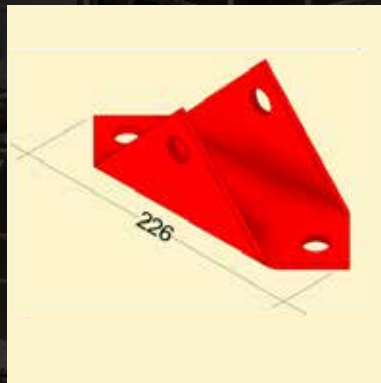
**Double RSK Adapter**



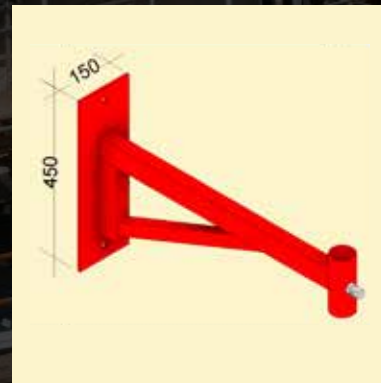
**Corner Assembly  
Column Arm**



**Swivel Shoe for  
RSK C/W Pin**



**Universal Access  
Bracket**



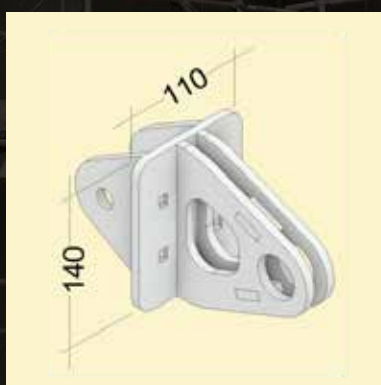
**RSK Waler Wedge  
Head**



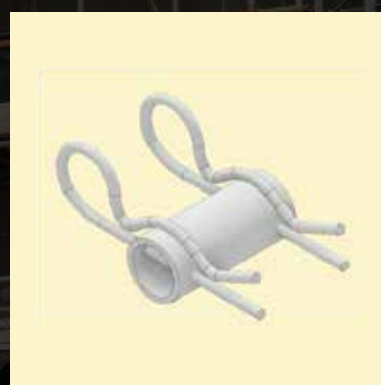
**Column Clamp  
Lifting Plate**



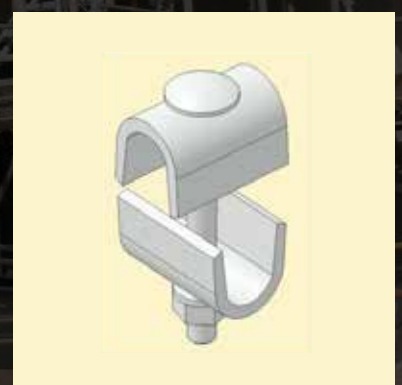
**Prop Adaptor**



**Tube Pin C/W  
R-Clips**



**Universal Clamp**







# INDUSTRIES SERVED

Civil & Infrastructure

Oil & Gas

Industrial & Power Plants

Residential & Commercial Towers







## **QHSE POLICY**

(QUALITY, HEALTH, SAFETY & ENVIRONMENT)

HMC Scaffolding & Formwork LLC is committed to the highest Quality, Health, Safety, and Environmental (QHSE) standards. Our policies align with ISO, OSHA, and EN standards, ensuring.

Rigorous safety training for all workers

Strict inspection and compliance with industry regulations

Sustainable practices, including eco-friendly materials and recycling initiatives

## **CONTACT US**

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web: [www.houseofmachinery.com](http://www.houseofmachinery.com)

# **HMC**

SCAFFOLDING & FORMWORK