



# SCAFFOLDINGS

STRUCTURES FOR STRUCTURES



# COMPANY PROFILE

At the Nezone Group we have supplied over 2 Million MT of Steel Tubes since our existence making us the largest and most respected supplier of such products with a large market share.

The group's commitment to value is further complimented by R&D initiatives that constantly strive to develop new and innovative ways for evolving needs and demands, enabling it to develop a wide range of products for a wide range of industries, and ensuring that customers get the products they want.

The Nezone Group is a multi-plant manufacturer, specializing in the production of top quality electric-welded steel tubes. Starting with Electric Resistance Welded (ERW) steel tubes both Black & Galvanized of different dimensions, the group has carefully extended its capabilities to manufacture other steel products as well.

Founded in 1981 with high standards, skills and determination, Nezone today is a one stop shop for all welded steel tubes. For the Nezone Group, the drive for value-added products is realized through its fully-integrated manufacturing facilities .Allowing it to keep a stringent check at every stage - right from examining the quality of raw materials procured to slitting ,tube formation, sizing, annealing, galvanizing fabrication and even packing. The operations of the Nezone Group are designed for cost-effective production. The plants have the capacity to handle large production runs and specialize in contract manufacturing. Most of the manufacturing units of the group has been awarded ISO 9001:2008 certification from reputed accrediting agencies.

## Product Line

- ▶ ERW Steel Tubes: Black and Galvanized
- ▶ Swaged Steel Tubular Poles: Black & Galvanized
- ▶ Octagonal Poles & Mono Poles
- ▶ High Mast
- ▶ Transmission Line Towers
- ▶ Substation Structures
- ▶ Cold Rolled (CR) & Cold Rolled Close Annealed (CRCA) Strips
- ▶ Precision Tubes
- ▶ CEW/CDW Tubes for the automobile sector
- ▶ Hollow Steel Sections (RHS/SHS)
- ▶ Air Pre-heater Tubes (ERW)
- ▶ OD Series Pipes for Idlers

# SCAFFOLDING SYSTEM

We follow a rigid quality control programme in every step of our operations. Only top quality steel is purchased from leading primary producers. Physical and mechanical properties of each incoming steel coil is carefully analysed and recorded.

**NEZONE SCAFFOLDING** uses only our own make (NEZONE) IS: 1161, and 1239 ERW Pipes & IS: 2062 structural steels for fabricating scaffolding products. The company manages a large stock for those sizes which are regularly used for scaffolding and other fabrication purposes. Latest Machineries, High Productivity, High bench mark of Quality and a Group of well experienced engineers is always ready to help our client for ascertaining the most convenient design and product relevant with your project.

These advantages make it possible for us to offer our customers the most competitive prices while maintaining the highest standards in quality, delivery and services.

## Our Scaffolding Products are

- ▶ Staging- Cuplock System, Wedge Lock System, Tubes & Couplers, Frame Scaffolding, Multipurpose and All Purpose Scaffolding.
- ▶ Access Tower & Staircase.
- ▶ Shuttering & Form Works- Shuttering Plate, Wall Forms, C Panel. Soldiers.
- ▶ Decking- Rolled Threaded Telescopic prop, Telescopic Span. Steel Planks & Decks.
- ▶ Other Scaffolding Accessories.

## Features of Nezone Steel Scaffoldings.

- ▶ Multi-Functional
- ▶ Higher Efficiency
- ▶ Higher Load Bearing Capacity
- ▶ Safe and Reliable
- ▶ Faster Assembly and Disassembly
- ▶ Labor Saving
- ▶ Longer Life
- ▶ Green and Recycleable.

Since quality ultimately depends on the individual, everyone at Nezone is involved in the definition and fulfillment of the **Nezone Group's Quality System**. Our workers are indeed our prized assets.



# NEZONE SCAFFOLDINGS

## CUPLOCK SYSTEM

Cuplock scaffolding system is a well - proven heavy-duty support system, yet one which is relatively light and easy to assemble. It is a multipurpose system, suitable not only for false work support system but access as well. It is particularly suitable for building and civil engineering projects like motorway bridges as well as offices, retail and residential developments.

### CUP LOCKING PROCEDURE



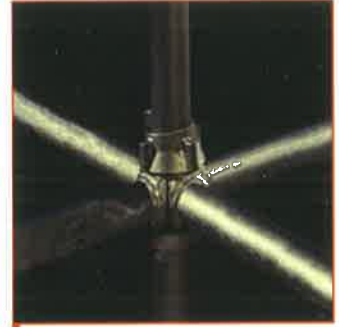
1. Locate the blade end of ledgers and transoms into lower cup.



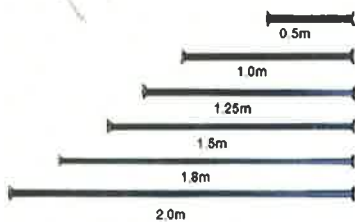
2. Slide the upper cup down the standard and rotate.



3. Tighten with hammer blow.



4. A positive and rigid connection of up to four units is achieved in one single action.



### LEDGER/HORIZONTAL

In between each standard, running horizontally, is a ledger, which adds further support and weight distribution.

#### Available in size:

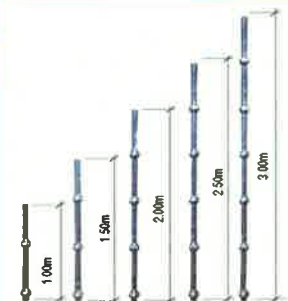
0.5m, 1.0m, 1.25m, 1.5m, 1.8m, 2.0m Other sizes made on Request.

### VERTICAL/STANDARD

A standard is a long pipe or tube that connects the mass of the scaffold directly to the scaffolding. The base of each standard is connected to a base plate, which helps distribute the weight each standard bears

#### Available sizes:

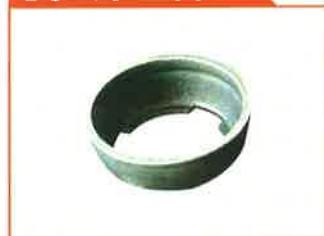
1.0m, 1.5m, 2.0m, 2.5m, 3.0m.



### TOP CUP



### BOTTOM CUP



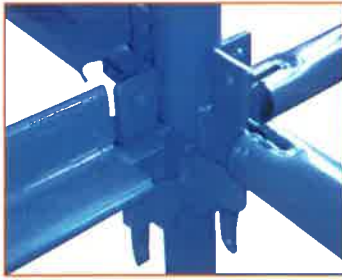
### LEDGER BLADES



### SPIGOT PIN



## OTHER TUBULAR SCAFFOLDINGS



### WEDGE LOCK SYSTEM

Consists of standard verticals with wedge housing welds to them 1000/500 mm centres in four directions at right angles. Transoms/Ledgers and diagonals having end fittings with locking wedges fit in the wedge housing of verticals giving firm wedge lock joint. Verticals are erected on Adjustable Base plates to cope with variation in ground level. Verticals, Transoms and Ledgers are supplied in 60.3mm or 48.3mm O.D Tubes to Suit application and load requirements.

### H-FRAME SYSTEM

Consists of rigid welded frames of two verticals and two horizontals. The frames are interconnected by scissor cross braces in all bays or alternate bays (for top 20 meters) of scaffolding through pins welded on frames and locked in position by split pins.

Cross braces are supplied in sizes to suit frame spacing of 3, 2.5, 2, 1.5 & 1 meter or any special sizes on request.

**Available in sizes: Height: 2m, 1.5m, & 1m Width: 1.8m, 1.25m, & 0.9m**



## ACCESSORIES & WALLFORMS

### ACCESS SCAFFOLDING



Mobile Access Tower

Staircase

Access Ladder

Castor Wheel

Made as per customers requirements and specifications.



### WALL FORM & ACCESSORIES



Internal Corner Angle



External Corner Angle



Wall Form Panel



Soldier (Chanel & Heavy Duty)



Single Clip



Bridge Clip



Double Clip



Wedge Clip

# NEZONE SCAFFOLDINGS

## SCAFFOLDING ACCESSORIES

### RIGHT ANGLE COUPLER



Forged



Pressed

Used for Connecting Two Tubes, Which There by Holds Them Together At Right Angle only.  
Available in sizes: 40 x 40 and 40 x 50.

### SWIVEL COUPLER



Forged



Pressed

Used for Connecting Two Tubes, Which There by Holds Them Together At Any Angle.  
Available in sizes: 40 x 40 and 40 x 50.

### FIXED BASE PLATE



Fixed Base Plate for  
40 mm tube



### ADJUSTABLE U - HEAD

For adjusting the height from up to down by the screwdriver in accordance with the requirements height of beam

**Available in sizes:**

330mm, 450mm & 650mm

### JOINT PIN



Expanding Joint Pin for  
Connecting two tubes  
end to end.  
Available in sizes:  
40 x 40 mm

### ADJUSTABLE BASE JACK

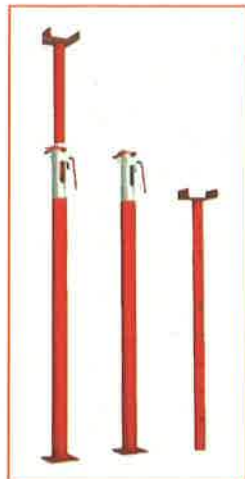
For adjusting the height from up to down by the screwdriver in accordance with the requirements height of building without the movement of the scaffolding

**Available in sizes:**

330mm, 450mm & 650mm



# FORMWORK & SUPPORTING EQUIPMENTS FOR SLAB



## ADJUSTABLE TELESCOPIC PROPS

Prop	Height		Safe Axial load	
	Closed meter	Extended meter	Closed KG	Extended KG
0P	1.10	1.75	3500	3000
1P	1.50	2.75	3200	2300
2P	2.00	3.25	3000	2200
3P	2.00	3.75	2900	2000
4P	3.00	4.65	2300	1150
5P	3.00	5.5	2000	1000

Props are used with crosshead (or U head), tripod and h20 timber beams to complete the formwork system for any type of slab.

MS Steel Tubes used for inner and outer of props  
Outer 60.3mm O D  
Inner 48.3mm O D

Note: Props must be braced in both directions by tubes and right angle Couplers at approximately 250mm above Prop Nut when extended beyond 3.6 meters.

## SLAB SHUTTERING

Slab Shuttering are made out of 2.0 mm sheets with angle flanges and stiffeners which maintain edges even after considerable number of uses. Adjuster shuttering fill up odd shapes of slabs, thus eliminating cutting and wastage of time altogether.

### Standard Available sizes:

300 x 300mm, 300 x 600mm, 600 x 600mm, 900 x 600mm,  
1200 x 600mm, 1200 x 900mm



## LIGHTWEIGHT SPANS



Size	Minimum	Maximum
	meter	meter
Extra Small Outer + Extra Small Inner	1.75	2.70
Small Outer + Extra Small Inner	2.40	3.45
Small Outer + Small Inner	2.46	4.15
Small Outer + Long Inner	3.05	4.75
Long Outer + Small Inner	3.15	4.90
Long Outer + Long Inner	3.15	5.50

### Minimum Maximum

meter	meter
1.75	2.70
2.40	3.45
2.46	4.15
3.05	4.75
3.15	4.90
3.15	5.50

## COLUMN CLAMP



## BEAM CLAMP



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