



NYKA STEEL INDUSTRIES LLP

SCAFFOLDING

We are pleased to introduce ourselves, as one of the leading and most versatile manufacturers and exporters of scaffolding, shuttering, formwork, mild steel round, square, rectangular, black pipes. We work in accordance with the international standards, such as IS:1239, IS:1161, IS:4923 & 1387/85, ASTM 500, etc.

'Nyka Steel' has ultra-modern plant, equipped with latest testing equipment, for quality control. We are an ISO accredited organization, actively involved in manufacturing, exporting and supplying, a wide variety of scaffoldings and formwork solutions.

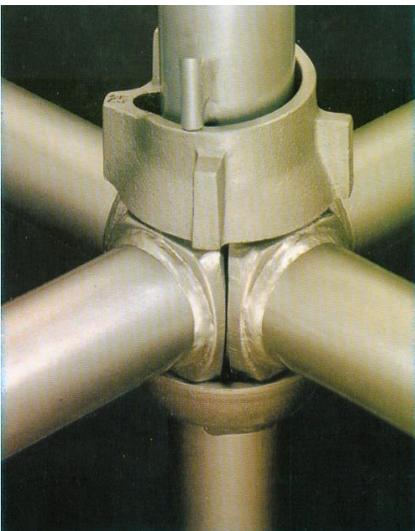
Quality assurance begins at the raw material stage itself. Material is inspected for chemical composition and tested for other parameters like mechanical properties, gauge variation etc. for a total evaluation of the raw material to ascertain its suitability for the intended end use applications.

Products are accurately tested and packed before its actual dispatch. The company is founded by an experienced professional committed to offer highest quality products, to the valuable customers, to suit their requirements.

Scaffolding Products: -

1. Cuplock

This system uses pressed steel bottom cups welded at spacing of 500mm and 1000 mm onto the 40 NB steel pipes paired with malleable cast top cups, and a pin welded at the top of these cups which admit ledger blades of the ledgers and lock on to the ledgers when top cup is twisted.



This system is very versatile and is used as access as well as load bearing scaffolds.

1.1. CUP LOCK STANDARDS / VERTICALS

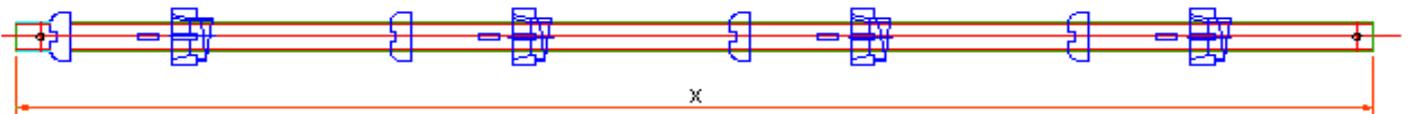
Cuplock Standards/Verticals are manufactured in various sizes for access and support. All the basic sizes have cups welded at 500mm and 1000 mm.

The captive mobile upper Cups are made of Malleable Casting/SG Iron Casting to endure rough site handling and welded bottom cups are pressed from deep drawn steel.

The access standards are connected with the upper standards in vertical position with the help of spigots.



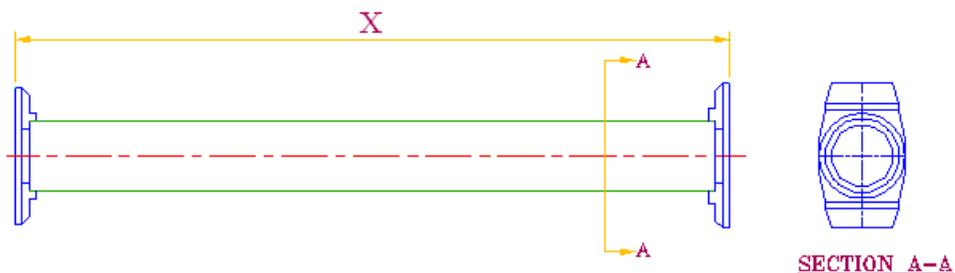
Available Sizes



DIMENSION BETWEEN THE POST (X)	1000	1500	2000	2500	3000
SIZE (HOLLOW)	Ø48.3				
ALL DIMENTIONS ARE IN MM					

CUPLOCK LEDGERS / HORIZONTALS

All Ledgers/Horizontal have forged blade welded at the ends with minimum projections to avoid damage. Each component locates itself in the Cup joint on the Standard/Vertical. Ledgers/Horizontal are available in various sizes to suit customer needs, depending on loading factors in support and wide range access requirements.



Available Sizes

DIMENSION BETWEEN THE POST (X)	1000	1250	1500	1800	2000	2500
SIZE (HOLLOW)	Ø48.3					
ALL DIMENTIONS ARE IN MM						

1.2.CUPLOCK ANGLE TRANSOMS

These are used to hold in place steel planks /Timber planks in place.



DIMENSION BETWEEN THE POST	1000	1250	1500	1800	2000	2500
SIZE (Angle)	40 x 40 x 5					
ALL DIMENTIONS ARE IN MM						

2. Wedge lock /Kwickstage

Typical Wedge Lock/ kwick stage Scaffolding Arrangement



2.1. Wedgelock / Kwickstage Standard OR Vertical

Wedgelock is a modular System Scaffold with wedge fixing for all access Scaffold requirements. The wedge fixing of the ledgers and transoms gives a simple and fast means of erecting access scaffolding without loose parts. Rigid 4 way Fixing giving a positive location without movement. Spigot and Wedge fitting on the Standard to give guaranteed Vertical alignment.

Available in various standard lengths to suit your requirements.

DIMENSION BETWEEN THE POST (X)	1000	1500	2000	2500	3000
SIZE (HOLLOW)	Ø48.3				
ALL DIMENTIONS ARE IN MM					



2.2. Ledgers/Horizontalals

Ledgers are horizontal tubes which connect between the standards. Transoms rest upon the ledgers at right angles. Main transoms are placed next to the standards, they hold the standards in place and provide support for boards; intermediate transoms are those placed between the main transoms to provide extra support for boards. Available in various standard lengths to suit your requirements.



DIMENSION BETWEEN THE POST (X)	1000	1250	1500	1800	2000	2500
SIZE (HOLLOW)	Ø48.3					
ALL DIMENTIONS ARE IN MM						

2.3. Intermediate Transoms

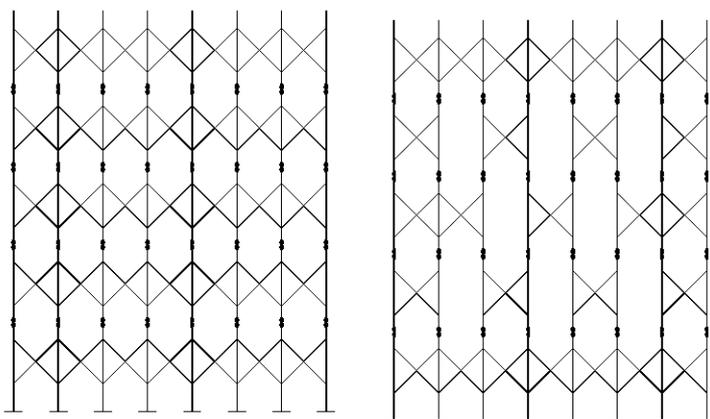
It gives additional support to the structure by placing them at different levels horizontally from one ledger to another. Sizes available are same of ledgers.
Available in various standard lengths to suit your requirements.



DIMENSION BETWEEN THE POST (X)	1000	1250	1500	1800	2000	2500
SIZE (HOLLOW)	Ø48.3					
ALL DIMENTIONS ARE IN MM						

3. H Frames

H-Frames are ideal as scaffolding for wall-plastering and support staging for Centring of high slabs, consists of welded frame of 40 NB Vertical and Horizontal of 40/32 NB pipe. Connected by Cross Bracings made out of angles or pipes. H-Frames are available in 2400, 2000, 1500 mm heights and 1200, 1000, 1800, 900 mm widths.



X-Bracing beyond 60. ft height X-Bracing up to 60. ft height

Ordering Information

Qty. (Frames): $\left(\frac{L}{B} + 1\right) \times \left(\frac{H}{h}\right)$, Qty. (X-Brace) : $\left(\frac{L}{B}\right) \times \left(\frac{H}{h}\right) \times 2$, Qty. (Base Plates) : $\left(\frac{L}{B} + 1\right) \times 2$

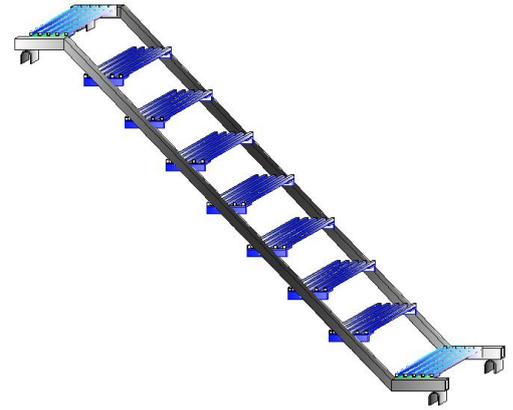
Spring Clips : Qty.(Frames) x 4

For height below 60 ft. 'X'-Brace to be provided in alternate bays except bottom, top and end bays.

L = Scaffold length H = Scaffold Height
B = Bay Spacing h = Frame Height

4. Staircase Ladder

Scaffold Ladders are used by personnel to climb up to the required level to inspect, approve of the work carried out. These are usually made out of rectangular pipes and square pipes with rungs spaced at convenient heights for easy climbing. The hooks allow to hook on to the transoms to give stability to the ladder.



Available Sizes

X	1500	2000	2500
Y	1500/2000	1500/2000	1500/2000
Z	300/350/450/500/650	300/350/450/500/650	300/350/450/500/650

5. Cantilever Bracket

These brackets are useful where it is not economical to erect the scaffolding from the ground level. These brackets fix themselves to the captive V pressings of standards on which steel platforms/steel planks/steel walkways can be used.

Wedge lock two board bracket banana type:



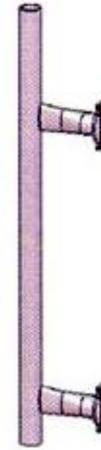
Wedglock two board bracket banana type brackets provide for extra wide working platforms, lift adaptations, or where scaffolds cannot be located directly adjacent to the work force.

These brackets are versatile and easy to use. They are capable of supporting more than 400 kgs. easily.

6. Hop up Bracket

Hop-Up brackets provide for extra wide working platforms, lift adaptations, or where scaffolds cannot be located directly adjacent to the work force.

DIMENSION BETWEEN THE POST (X)	500	1000	1500
SIZE (HOLLOW)	Ø48.3		
ALL DIMENTIONS ARE IN MM			



7. SCAFFOLDING JACKS

Universal Jack

Used to fine adjust two no's of 40NB pipes / standards in vertical positions.



HEIGHT (X)	350	400	500	600	750
SIZE (SOLID/HOLLOW)	Ø32	Ø36	Ø38		
ALL DIMENTIONS ARE IN MM					

Base Jack

These are used for fine adjustment of standard verticals wherever the ground is uneven and also for distribution of load.



HEIGHT (X)	350	400	500	600	750
SIZE (SOLID/HOLLOW)	Ø32	Ø36	Ø38		
ALL DIMENTIONS ARE IN MM					

U jack/stirrup Head

These are usually used on the top on the standard verticals to admit beams (Timber/ Steel) on which ply form, steel form can be placed to cast the slab.

Fixed Base Plate

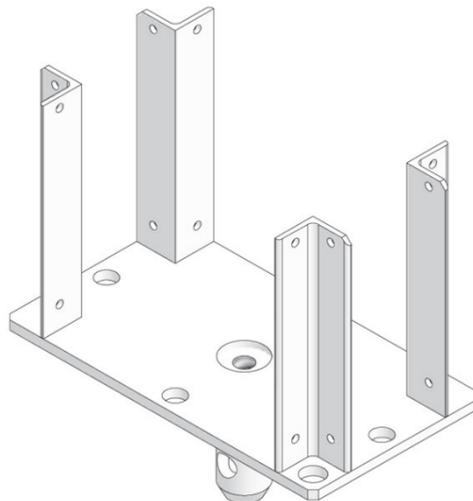


LENGTH (X)	350	400	500	600	750
SIZE (SOLID/HOLLOW)	Ø32	Ø36	Ø38		
ALL DIMENTIONS ARE IN MM					

HEIGHT	100		
SIZE (SOLID/HOLLOW)	Ø32	Ø36	Ø38
ALL DIMENTIONS ARE IN MM			

Angle Cross Head /2 way 'U' Head

These are used to admit beams (Steel/ Timber) in straight line as well as staggered. These made out of flats & angles.



HEIGHT (X)	350	400	500	600	750
SIZE (SOLID/HOLLOW)	Ø32	Ø36	Ø38		
ALL DIMENTIONS ARE IN MM					

8. PROPS / MUNDA

Props are manufactured from top quality, continuously welded steel tubes, 150 x 150 x 6mm Head and Base plates welded on to inner (40 NB) & Outer (50 NB) members, having matching holes for fastening of props on top of each other to gain additional heights. Centre hole is provided to insert stirrup head fitment or U head to hold wooden or steel bearers of slab cantering. Nail holes are provided in Head and Foot plates for nailing wooden runners/bearers on to props

Quick and Large adjustments in height can be made by inserting Lock pin into holes provided in the inner member and fine adjustments are made by rotating the malleable iron nut on the outer member.

Rocker Props

These props support all kinds of form work, slabs, beams, wall and columns. They are also critical components for general building construction and repair work.



SL.No	Sizes(metres)	Closed Height(metres)	Extended Height (metres)
1	2 x 1½	2.00	3.25
2	2 x 2	2.00	3.75
3	2½ x 2	2.50	4.25
4	3 x 2	3.00	4.75

9. Tie Rods

As the name suggests, tie rods are used as a tie and are slender looking structural units.

They have a roll threading and are available in 6 Mtrs. lengths or as required. These are used to hold the opposite formwork members parallel to each other even while vibrating the concrete.

