

**REFORMING
CONSTRUCTION
METHODS**



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About Us

We are
INDIAN SCAFFOLDING AND FORMWORK
Based at Ahmedabad, Gujarat.

We are industry leading manufacturer and supplier of scaffolding and formwork in the region of the state of Gujarat, serving worldwide.

We provide scaffolding and formwork along with tools and equipment on rental also under the banner of **INDIAN SCAFFOLDING**, an independent endeavor from the same group.

We have been consistently offering innovative ideas and state of the art quality products. We manufacture our products as per the International Standards (IS), British Standards (BS) as well as European Standards (ES).

It has been our grand heritage in the construction industry from 1980, since generations we are supplying products made by innovative ideas and technologies to the clients to expedite their job that results in facilitating a cost effective rapid completion.

With "Customer Satisfaction" as the motto at our hearts we are succeeding in the market and achieving pinnacles of appreciations from all our clients.

We are proud to tell our products have gone beyond the expectations of our clients and our products have been utilized in many prestigious projects like ISRO, ONGC, NHAI, Railway, Indian Air Force, Metro Rail, Airports, Thermal Power Stations, Gift City, MRF, Sachivalay, Maruti Suzuki, Ford, Hitachi, Surat Diamond Bourse, Rajasthan University for Health Sciences, Amul Dairy, RSPL, Hindustan Zinc, Science City and still counting...

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 MS 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

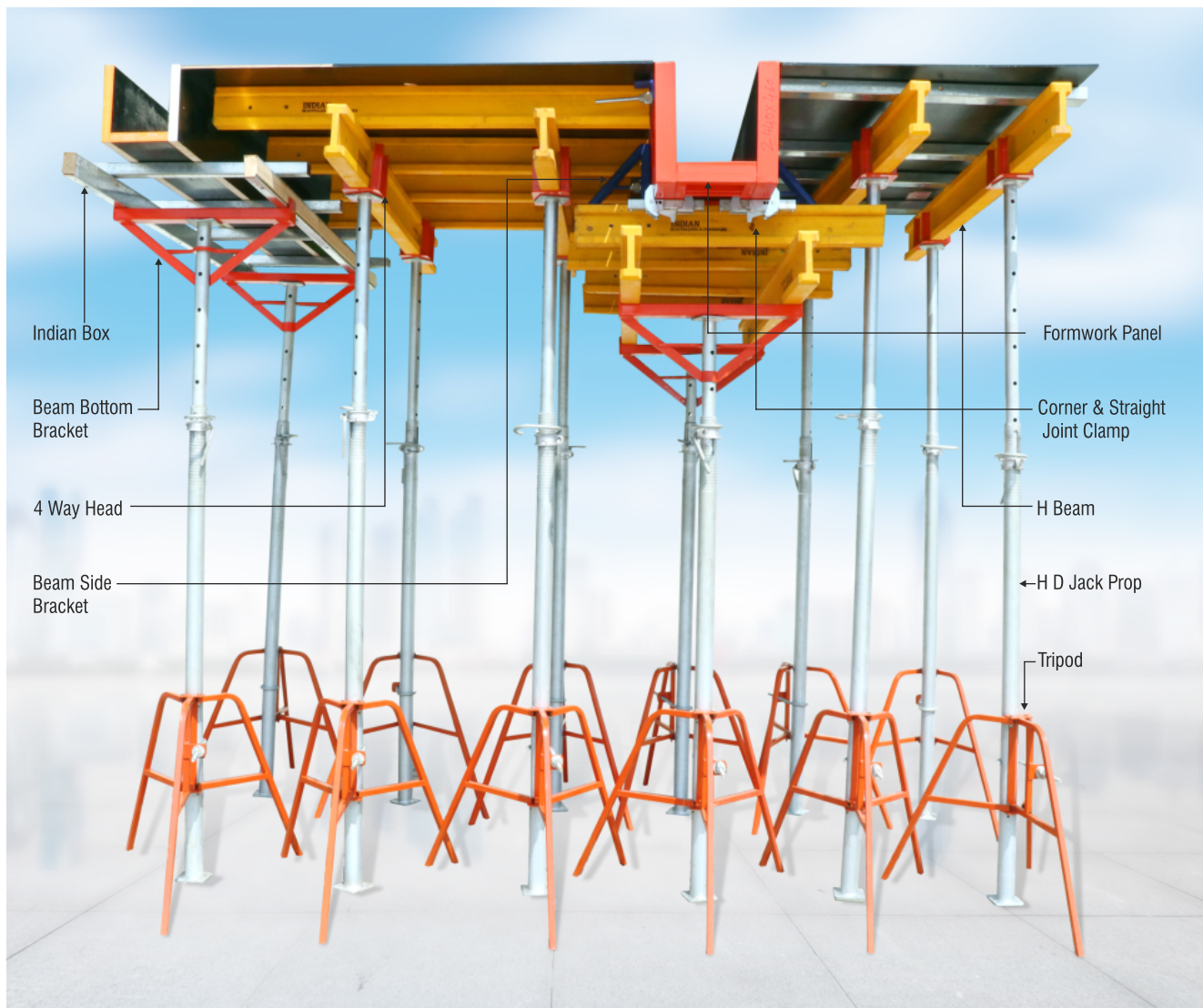
design and shuttering plywood will ensure more number of repetitions due to its unique material properties. The formwork system can be easily formed as per the design by clamping various different sized panels with GI Clamps having steady powerful grip. An additional benefit of formwork system is it 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 Advantages

- » 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.

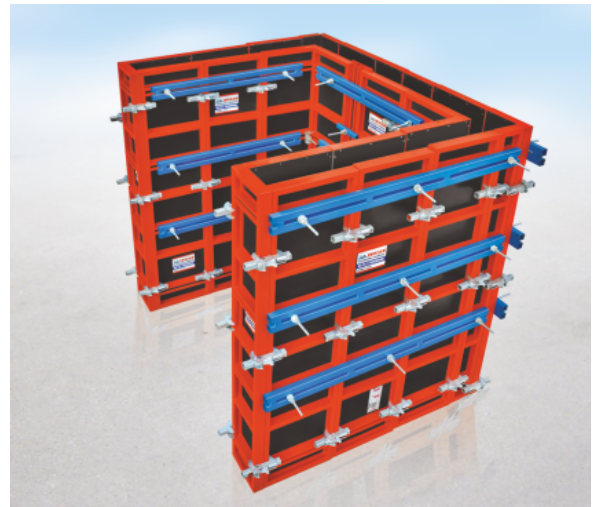
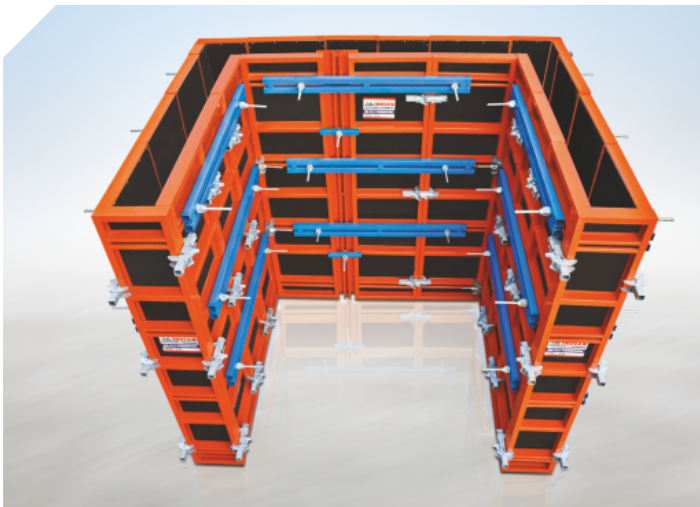
Slab Formwork



Column Formwork



Lift Shaft Formwork



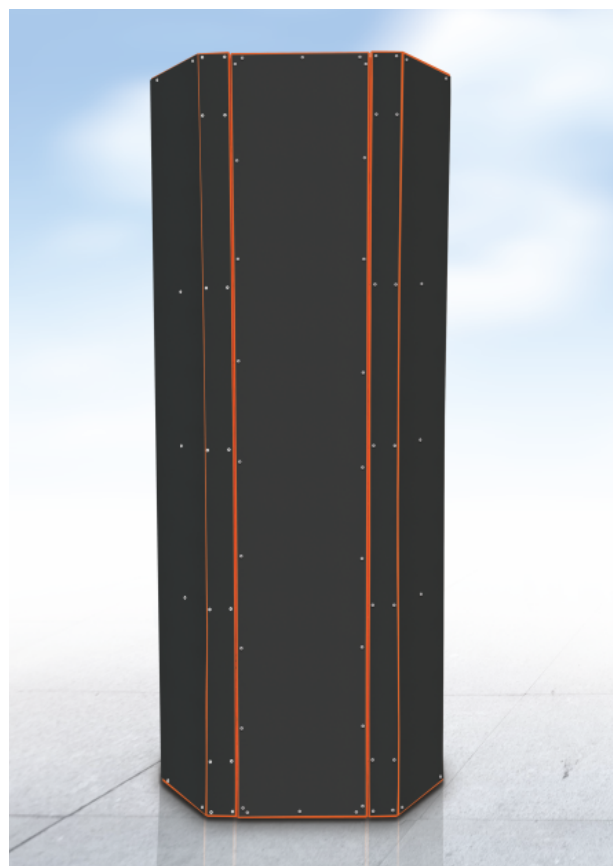
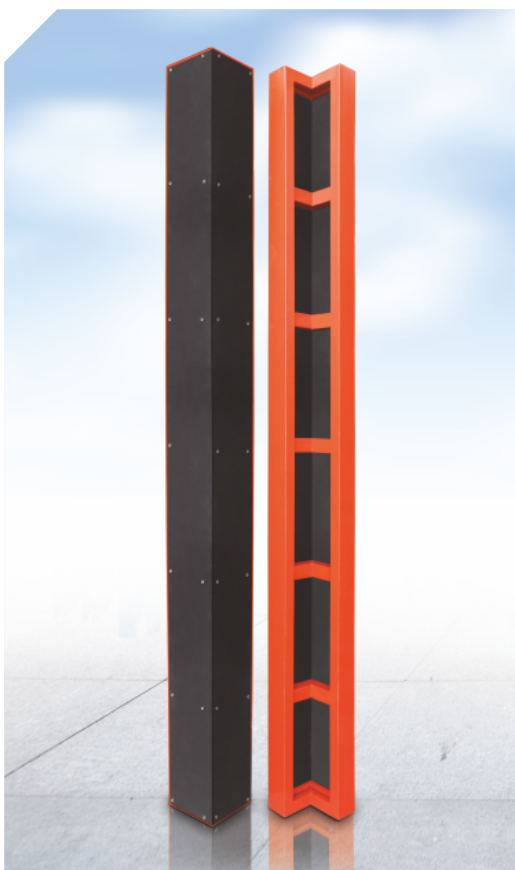
Wall Formwork



Shearing Wall Formwork

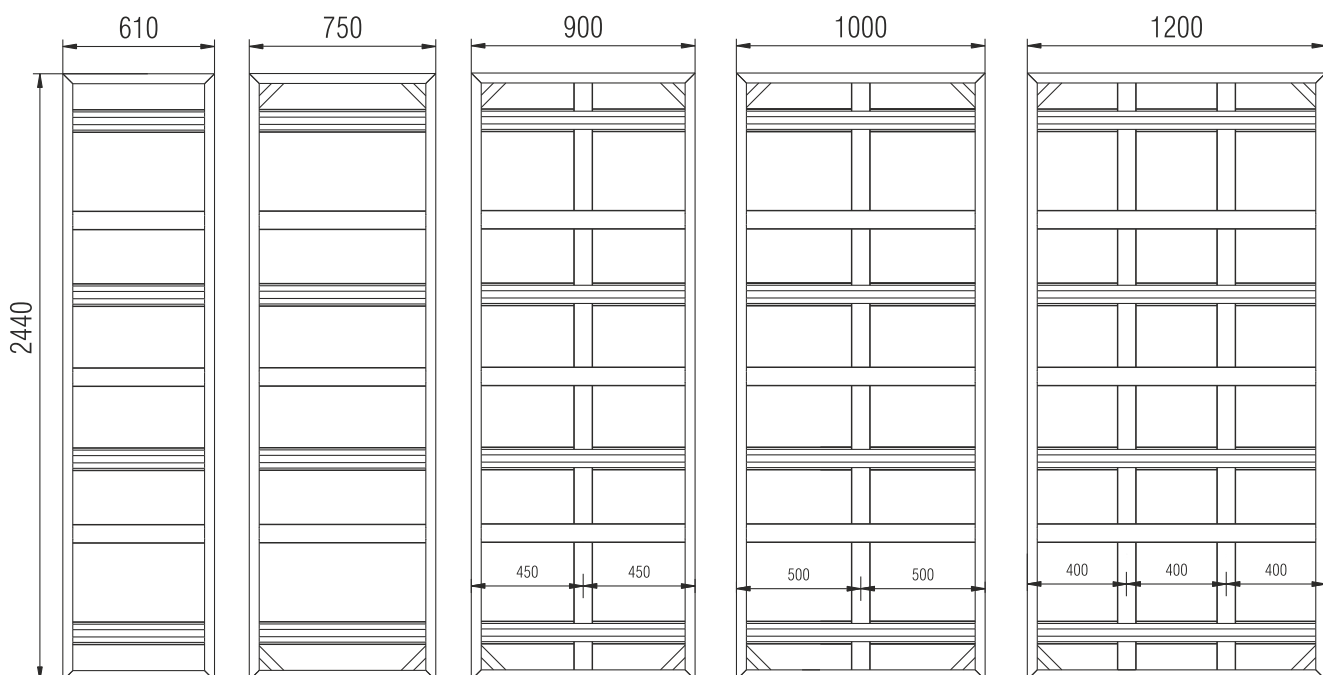
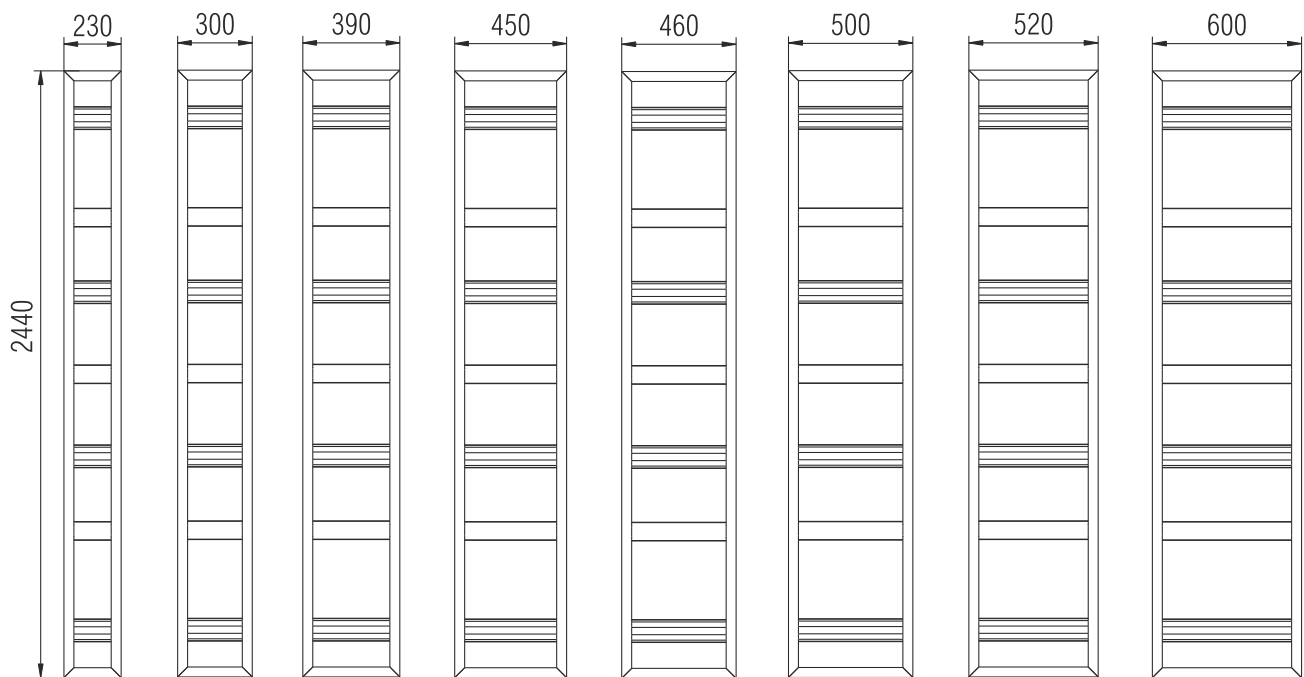


Specialized Formwork



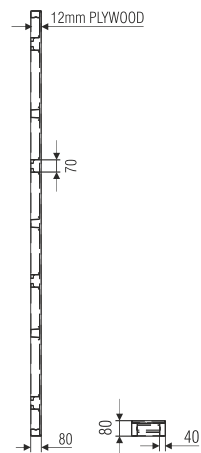
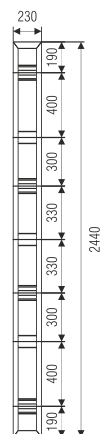
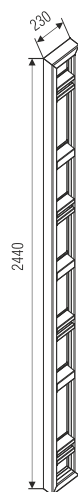
In addition to specially customized panel sizes to suit the construction specific requirements, some standard sizes of formwork panels are readily available which are most commonly used.

Standard Panels

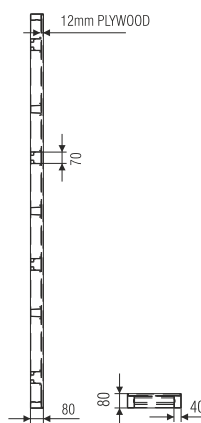
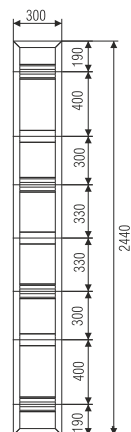
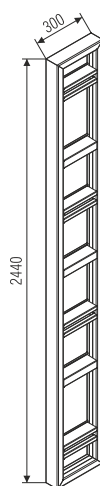


Formwork Panel

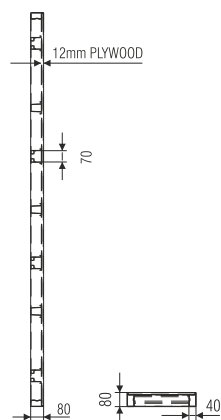
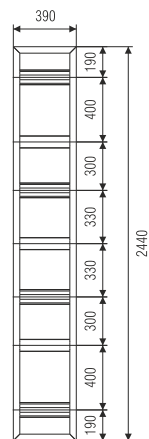
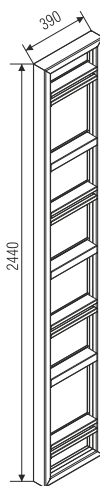
Width	230 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	27 kg



Width	300 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	30 kg

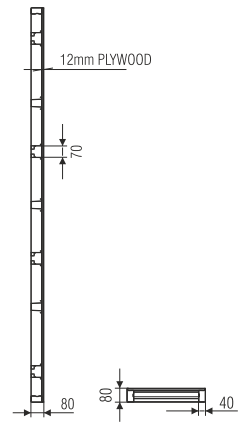
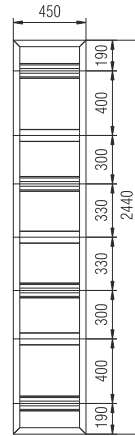
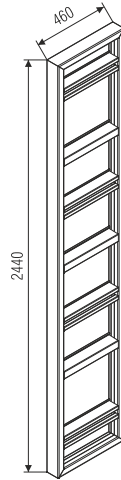


Width	390 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	36 kg

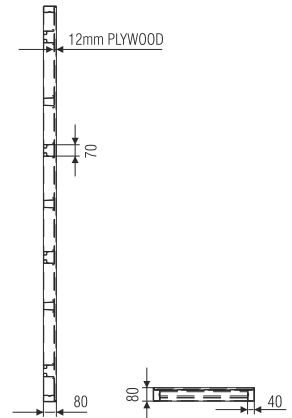
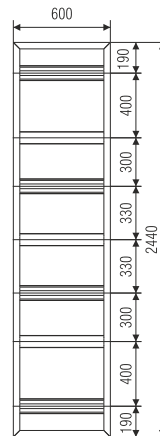
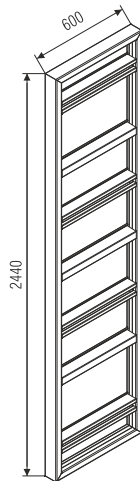


Formwork Panel

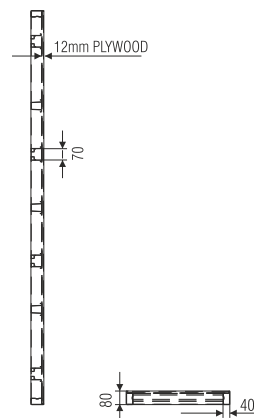
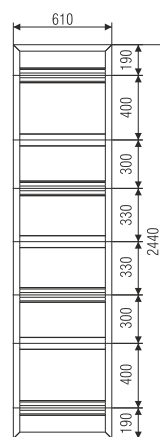
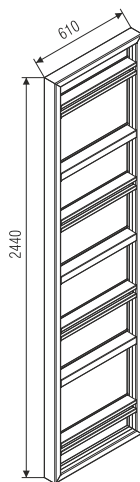
Width	460 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	39 kg



Width	600 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	46 kg

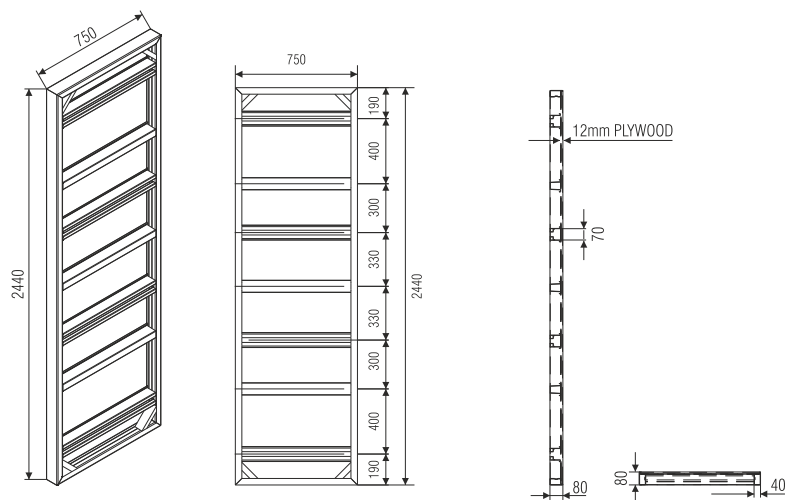


Width	610 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	47 kg

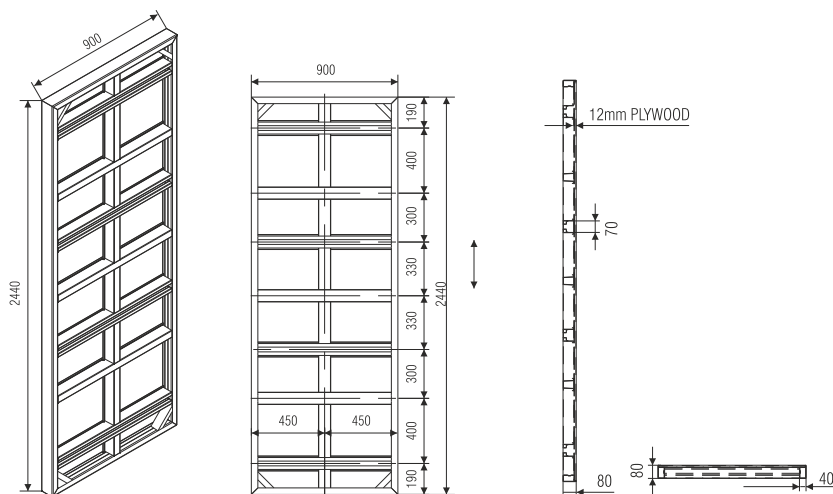


Formwork Panel

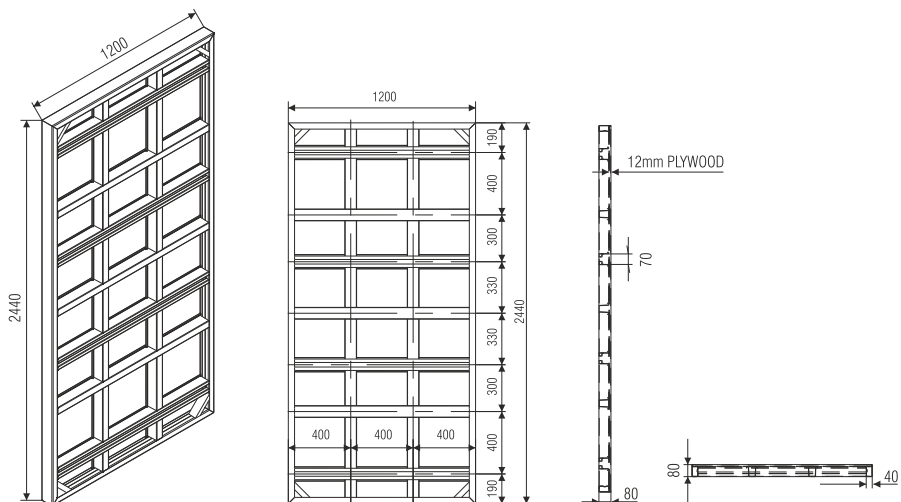
Width	750 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	55 kg



Width	900 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	68 kg



Width	1200 mm
Height	2440 mm
Thickness	2 mm
Expose Surface	12 mm Shuttering Plywood
Panel Surface	Powder Coated Roll Formed MS Sheet
Section	80 mm x 40 mm
Approx. Weight	88 kg



HD Jack Prop (GI)

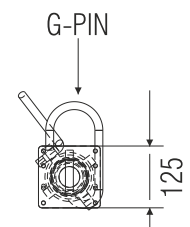
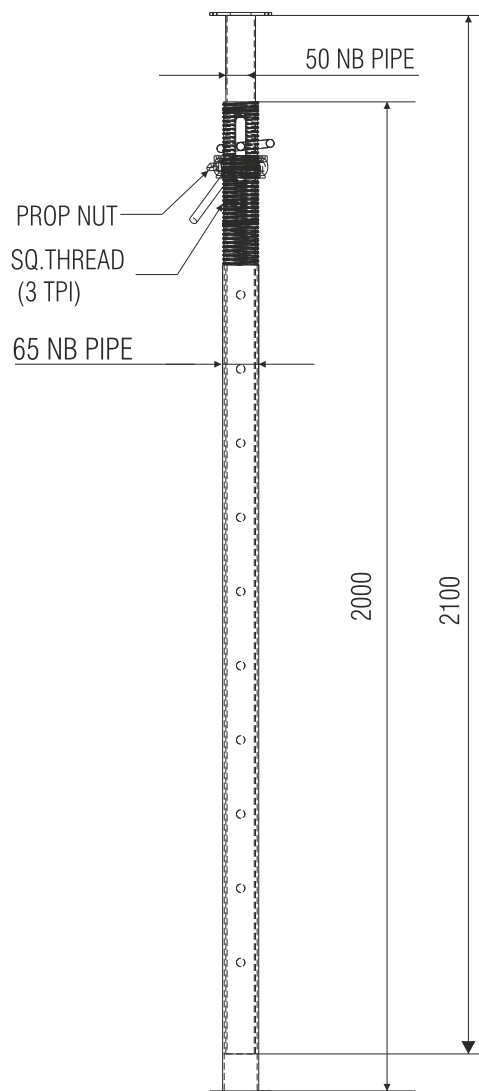
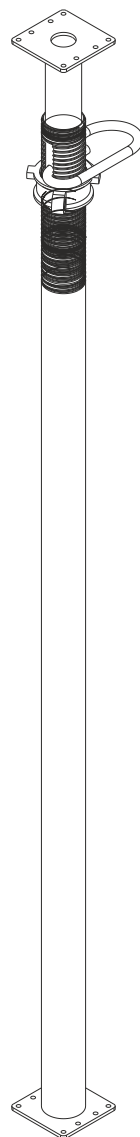
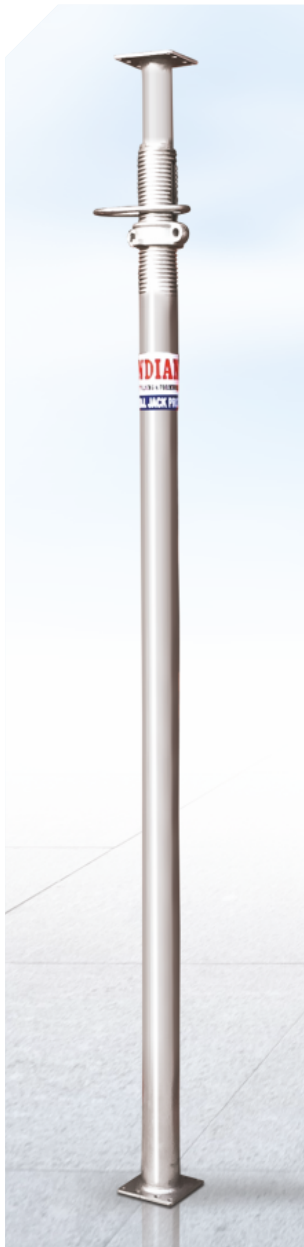
EN 1065 HD Prop

Product Code	ISF 3004
Name	Heavy Duty Adjustable Jack Prop 2 x 2
Outer Pipe	2.0 m
Inner Pipe	2.1 m
Min. Expansion	2.1 m

Max. Expansion	3.8 m
Approx. Weight	23 kg
Outer Pipe	73 OD 3.2 mm
Inner Pipe	60 OD 2.5 mm
Surface	Pre Galvanized / Hot Dip Galvanized

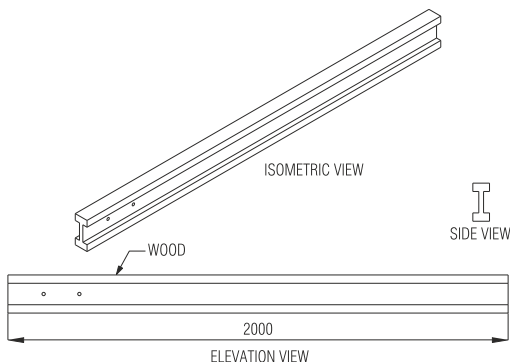
HD Jack Prop Load Bearing Capacity

Extension Length (m)	2.2	3.0	3.5	3.9
Failure Load (kN)	86.81	55.44	44.79	29.68
Reduction of Test Result (kN)	86.38	55.16	44.56	29.53



Timber H Beam - H 20

Timber H Beam is used as primary runner in shuttering system.



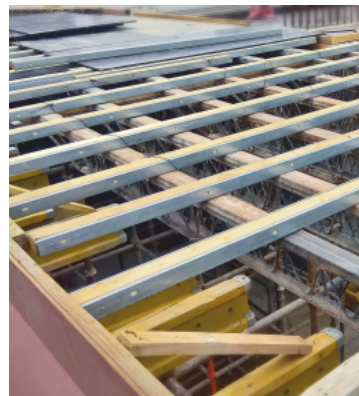
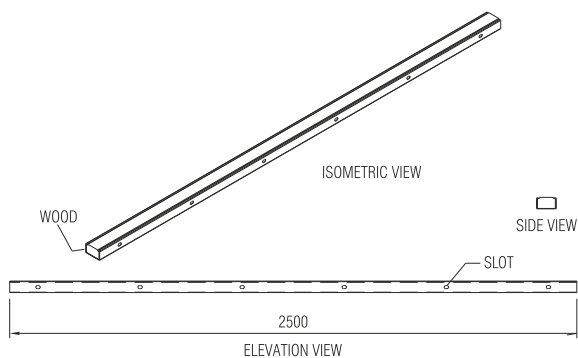
Indian Box Runner

Indian Box is made by combination of Cedar softwood and galvanized 2.5 mm bended sheet cover for enhanced wooden life as well as strength. It is generally used as primary or secondary runner in shuttering system. It boasts higher load bearing and long life.

Product Code	Length	Width	Height	Approx. Weight	Surface
Indian Box - 90 mm x 50 mm					
ISF 1701 AG	1.5 m	90 mm	50 mm	9.70 kg	Galvanized
ISF 1701 BG	2 m	90 mm	50 mm	13.00 kg	Galvanized
ISF 1701 CG	2.5 m	90 mm	50 mm	16.20 kg	Galvanized
ISF 1701 DG	3 m	90 mm	50 mm	19.50 kg	Galvanized
Indian Box - 60 mm x 50 mm					
ISF 1702 AG	1.5 m	60 mm	50 mm	7.00 kg	Galvanized
ISF 1702 BG	2 m	60 mm	50 mm	9.50 kg	Galvanized

SIZE			LOAD (kN)	Ultimate Moment Capacity (kN.m)	Observations
L (mm)	B (mm)	H (mm)			
2500	90	50	39.44	6.902	Failure of beam occurred at the centre of the beam section.
2500	90	50	50.23	8.790	
2500	90	50	36.39	6.368	
2500	90	50	41.39	7.243	
2500	50	90	26.29	4.601	
2500	50	90	25.60	4.480	
2500	50	90	25.30	4.428	
2500	50	90	23.15	4.051	

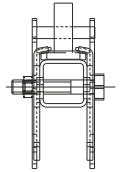
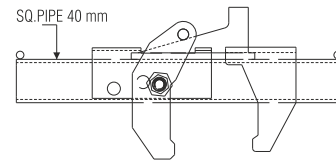
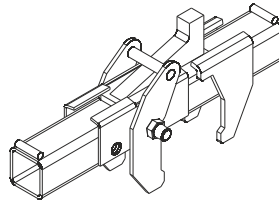
Permissible customization in length is available up to 3000 mm in 90 mm x 50 mm and 60 mm x 50 mm



Formwork Accessories

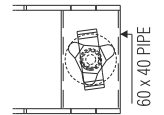
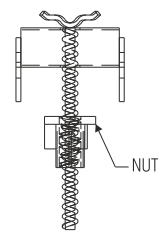
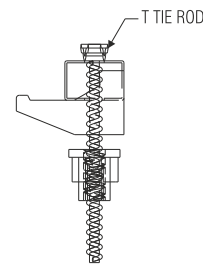
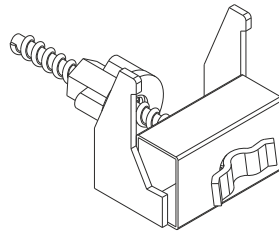
Corner & Straight Joint Clamp

Product Code	ISF 3008
Length	300 mm
Approx. Weight	2.20 kg
Sq. Pipe	40 x 40 x 3 mm
Surface	Galvanized



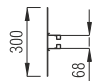
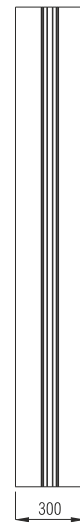
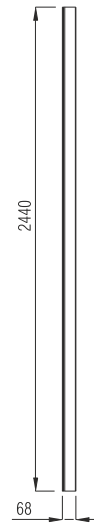
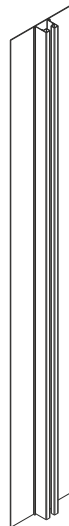
Inner Corner Clamp

Weight	1.30 kg
Sq. Pipe	60 x 40 mm
Surface	Galvanized



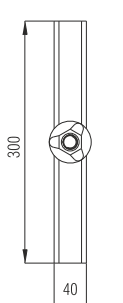
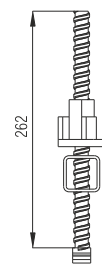
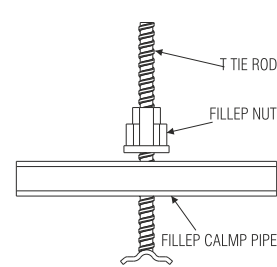
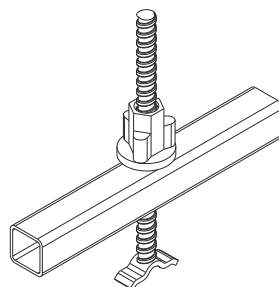
Formwork Filler

Width	300 mm
Height	2440 mm
Thickness	3 mm
Surface	MS Sheet
Additional	Powder Coated Roll Formed MS Sheet
Section	300 mm x 68 mm



Filler Clamp

Approx. Weight	1.7 kg
Surface	Powder Coated / Galvanized



Formwork Accessories

Waler Tube

Surface	Synthetic Enamel Coated
Size	1.0 m - 6 kg
	1.2 m - 7 kg
	1.5 m - 9 kg
	2.0 m - 12 kg
	2.5 m - 15 kg
	3.0 m - 18 kg

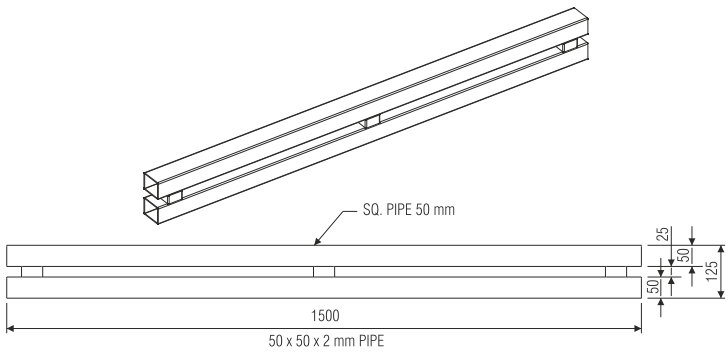
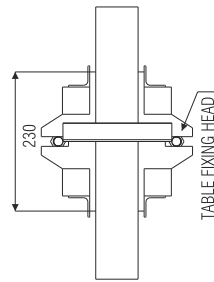
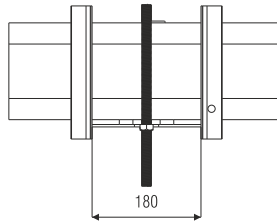
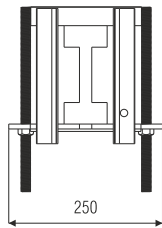
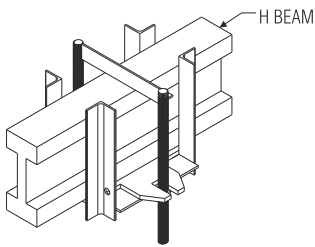


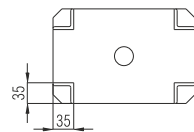
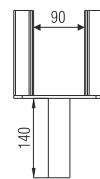
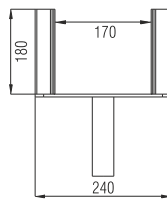
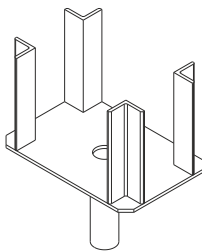
Table Fixing Head

Approx. Weight	6 kg
Surface	Powder Coated / Galvanized



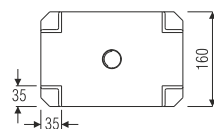
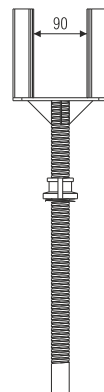
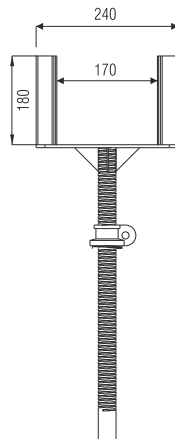
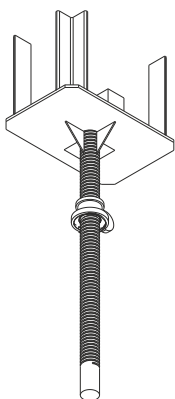
4 Way Head

Approx. Weight	2.30 kg
Surface	Powder Coated / Galvanized



4 Way Head Jack

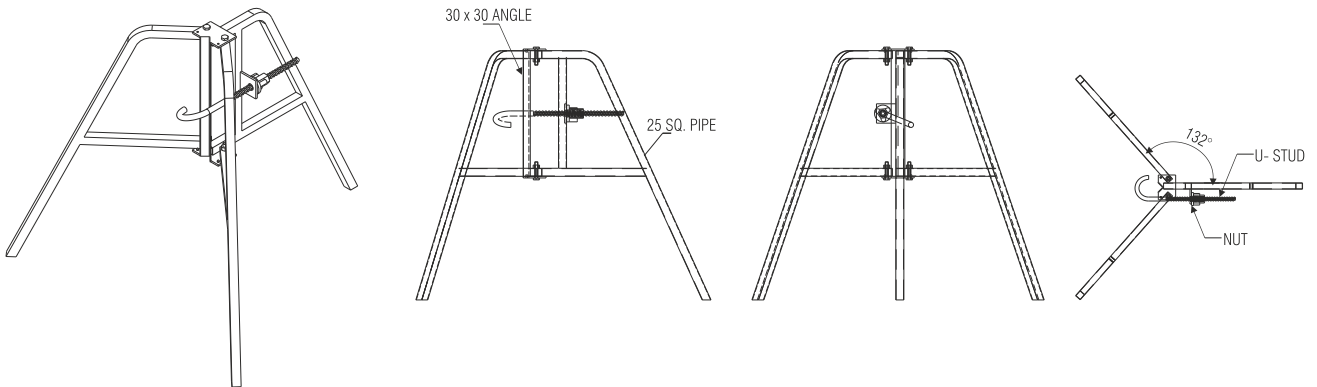
Approx. Weight	6.70 kg
Screw Length	600mm
Surface	Powder Coated / Galvanized



Formwork Accessories

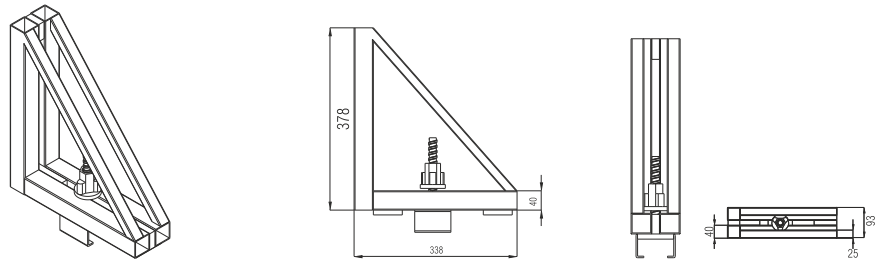
Tripod

Product Code	ISF 3005
Length	790 mm
Approx. Weight	10.50 kg
Sq. Pipe	25 x 25 x 2.5 mm
Surface	Powder Coated



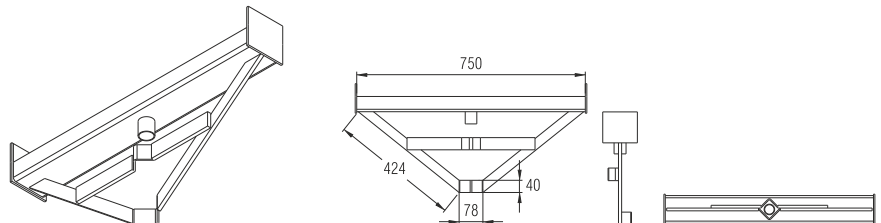
Beam Side Bracket

Approx. Weight	7.30 kg
Surface	Powder Coated / Galvanized



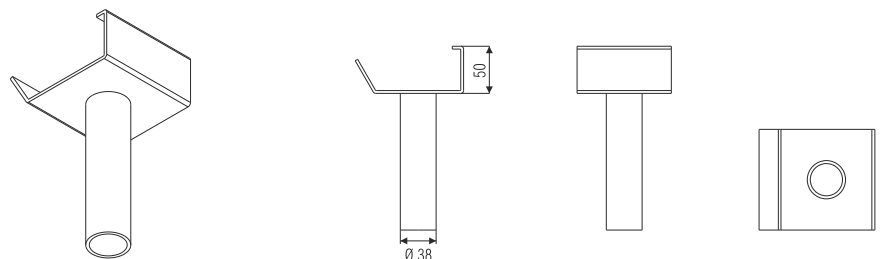
Beam Bottom Bracket

Approx. Weight	13.00 kg
Surface	Powder Coated / Galvanized



Single Support Head H 20

Approx. Weight	1.00 kg
Surface	Powder Coated / Galvanized



Scaffolding Products

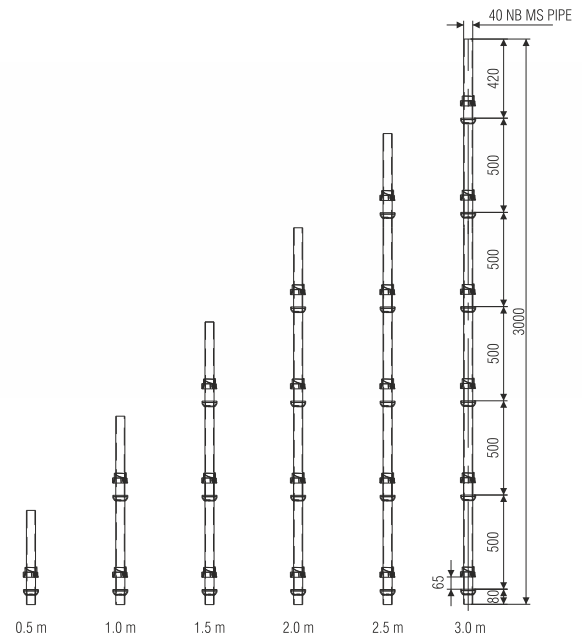
Cuplock System

Vertical (Standard) and Ledger (Horizontal) are made from 40NB ISI marked MS Pipe with 2.9 mm to 3.2 mm thickness. Surface is coated with synthetic enamel.

On special requirements cuplock system is available in variations like Powder Coated and Galvanized.

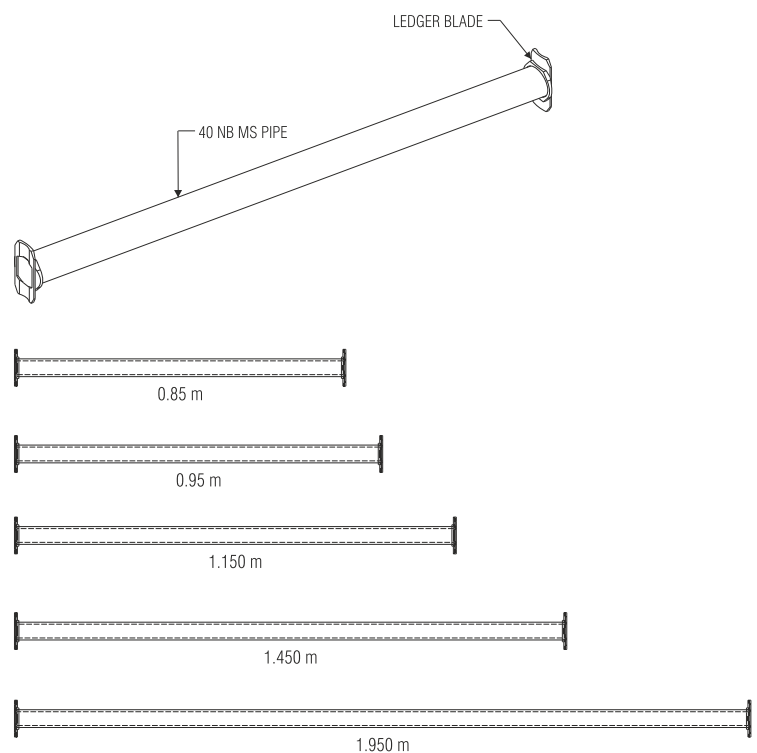
Vertical (Standard)

Product Code	Height	Approx. Weight	Cup
ISF 101 AS	0.5 m	2.2 kg	1
ISF 101 BS	1.0 m	4.5 kg	2
ISF 101 CS	1.25 m	5.3 kg	2
ISF 101 DS	1.5 m	6.6 kg	3
ISF 101 ES	2.0 m	8.7 kg	4
ISF 101 FS	2.5 m	11.0 kg	5
ISF 101 GS	3.0 m	13.3 kg	6



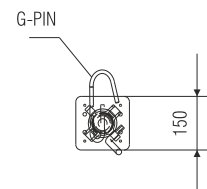
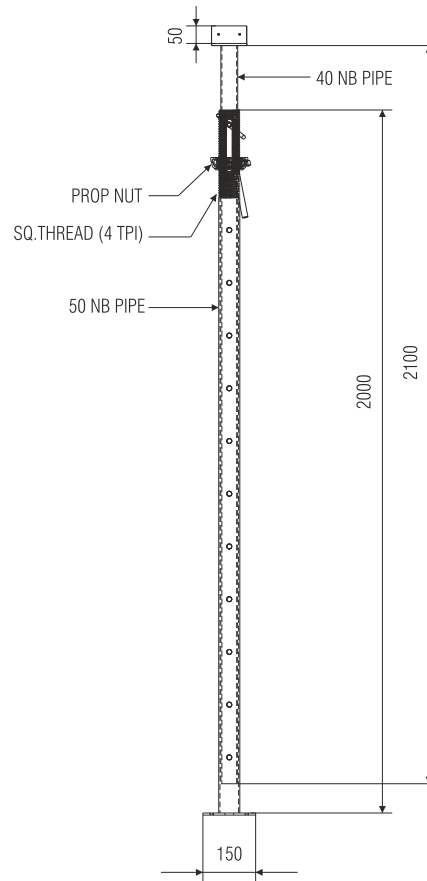
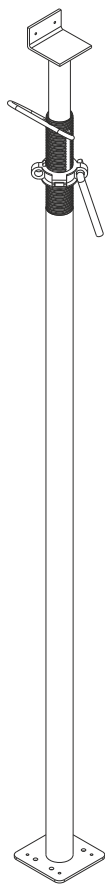
Ledger (Horizontal)

Product Code	Length	Approx. Weight
ISF 102 AS	0.9 m	3.2 kg
ISF 102 BS	1.0 m	3.5 kg
ISF 102 CS	1.2 m	4.2 kg
ISF 102 DS	1.5 m	5.2 kg
ISF 102 ES	2.0 m	6.7 kg



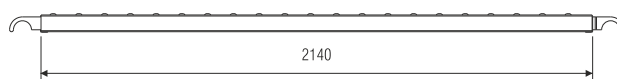
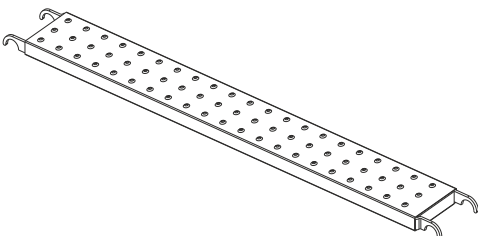
Adjustable Jack Prop

Product Code	Outer Pipe	Inner Pipe	Min. Expansion	Max. Expansion	Approx. Weight	Outer Pipe	Inner Pipe	Surface
IFS 201 S	2.0 m	2.0 m	2.0 m	3.7 m	18.5 kg	60 Ø 3.5 mm	48 Ø 2.9 mm	Synthetic Enamel
IFS 202 S	2.0 m	2.5 m	2.5 m	4.2 m	20.5 kg			
IFS 203 S	2.0 m	3.0 m	3.0 m	4.7 m	22.0 kg			



Walkway Plank

Product Code	Material	Size	Thickness	Surface
ISF 1100 AS	MS Plate	230 x 65 x 1000 to 3000 mm	2 mm	Synthetic Enamel
ISF 1100 BS	MS Plate	300 x 65 x 1000 to 3000 mm	2 mm	Synthetic Enamel
ISF 1100 AG	GI Plate	230 x 65 x 1000 to 3000 mm	2 mm	Galvanized
ISF 1100 BG	GI Plate	300 x 65 x 1000 to 3000 mm	2 mm	Galvanized



Adjustable U-Head

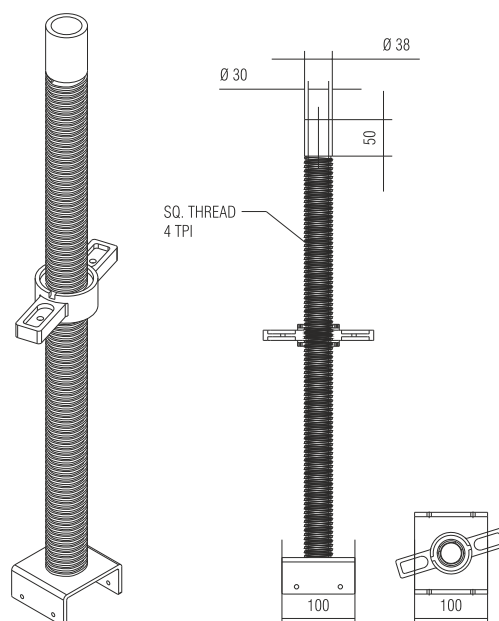
Adjustable U-Heads & Base Jacks are designed to be used in conjunction with adjustable scaffolding system. The core function of a U-Head is to hold primary or secondary runner securely and Base Jacks are useful when height adjustment is required.

Hollow : Made of MS Tube

Solid : Made of MS Solid Bar

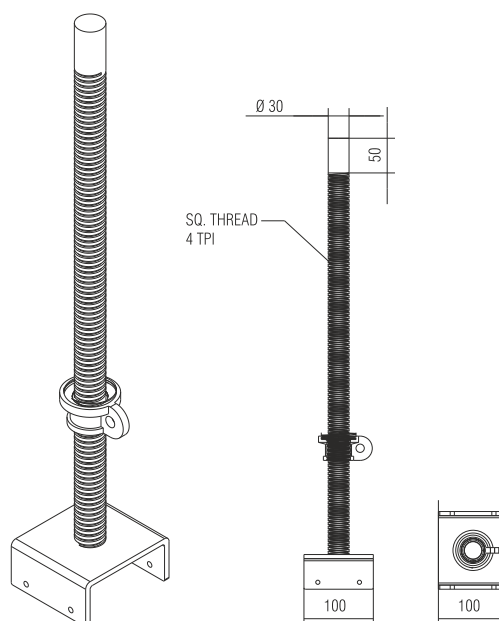
Adjustable U-Head Hollow

Product Code	Total Length	Threaded Length	Approx. Weight	Outer Diameter	Surface
ISF 401 H	300 mm	250 mm	2.40 kg	38 Ø	Threaded Pipe
ISF 402 H	400 mm	350 mm	2.70 kg		
ISF 403 H	450 mm	400 mm	2.90 kg		
ISF 404 H	500 mm	450 mm	3.10 kg		
ISF 405 H	600 mm	550 mm	3.40 kg		
ISF 406 H	750 mm	700 mm	3.90 kg		



Adjustable U Head Solid

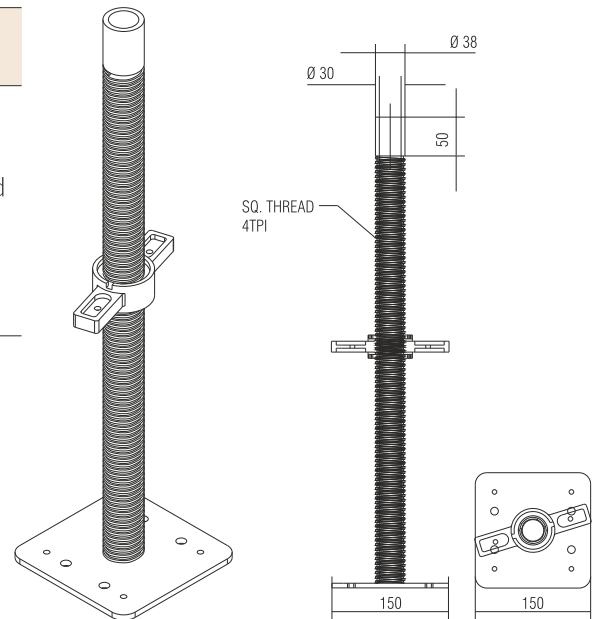
Product Code	Total Length	Threaded Length	Approx. Weight	Outer Diameter	Surface
ISF 401 S	300 mm	250 mm	3.10 kg	30 Ø	Threaded Bright Bar
ISF 402 S	400 mm	350 mm	3.70 kg		
ISF 403 S	450 mm	400 mm	3.90 kg		
ISF 404 S	500 mm	450 mm	4.20 kg		
ISF 405 S	600 mm	550 mm	4.80 kg		
ISF 406 S	750 mm	700 mm	5.60 kg		



Adjustable Base Jack

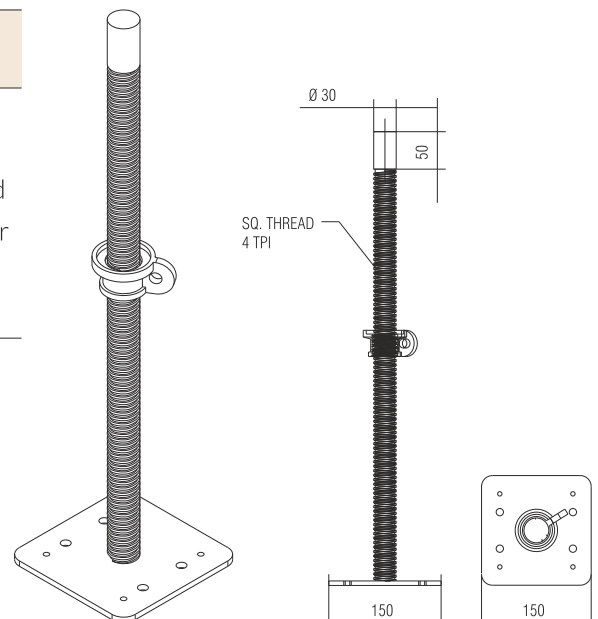
Adjustable Base Jack Hollow

Product Code	Total Length	Threaded Length	Approx. Weight	Outer Diameter	Surface
ISF 501 H	300 mm	250 mm	2.40 kg	38 Ø	Threaded Pipe
ISF 502 H	400 mm	350 mm	2.80 kg		
ISF 503 H	450 mm	400 mm	2.90 kg		
ISF 504 H	500 mm	450 mm	3.10 kg		
ISF 505 H	600 mm	550 mm	3.40 kg		
ISF 506 H	750 mm	700 mm	3.90 kg		



Adjustable Base Jack Solid

Product Code	Total Length	Threaded Length	Approx. Weight	Outer Diameter	Surface
ISF 501 S	300 mm	250 mm	3.10 kg	30 Ø	Threaded Bright Bar
ISF 502 S	400 mm	350 mm	3.70 kg		
ISF 503 S	450 mm	400 mm	3.90 kg		
ISF 504 S	500 mm	450 mm	4.20 kg		
ISF 505 S	600 mm	550 mm	4.80 kg		
ISF 506 S	750 mm	700 mm	5.60 kg		



Scaffolding Accessories



Anchor Nut



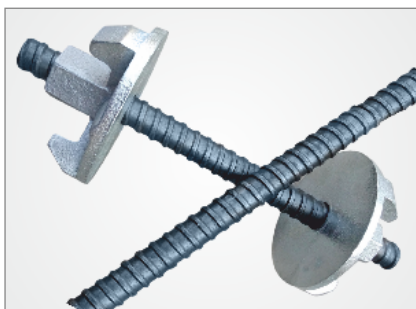
H D Anchor Nut



Waler Plate With Wing Nut



Wing Nut



Tie Rod



T Tie Rod



Drop Forged Coupler Swivel



Drop Forged Coupler Fixed



Pressed Coupler Swivel



Pressed Coupler Fixed



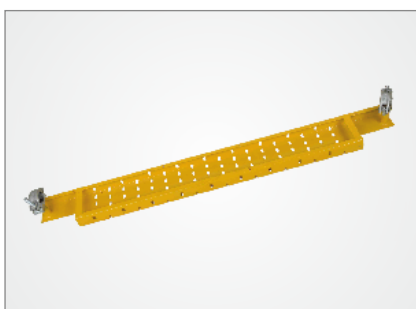
Spigot (Joint Pin)



Single Clamp (Chidiya Clamp)



Base Plate



Toeboard With Fixed Length



Toeboard With Telescopic Length

Material Available on Rental



Cuplock System



H Frame



Prop



U Jack



Base Jack



Acro Span



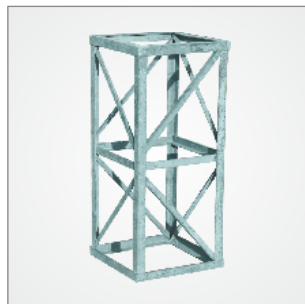
Shuttering Plate



Acro Plate



Acro Soldier



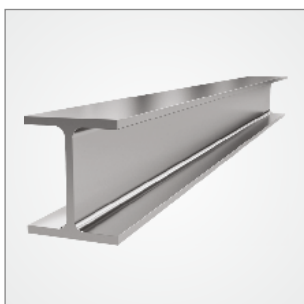
Bridge Tower



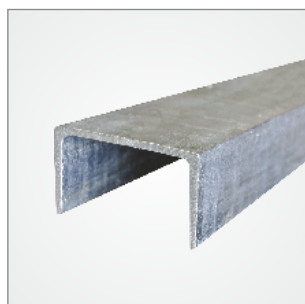
Tower Jack



Tower Top



ISMB Girder



ISMC Channel



Walkway Plank (Khapeda)



Pressed Coupler Swivel



Pressed Coupler Fixed



Spigot (Joint Pin)



MS Pipe



INDIAN
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