


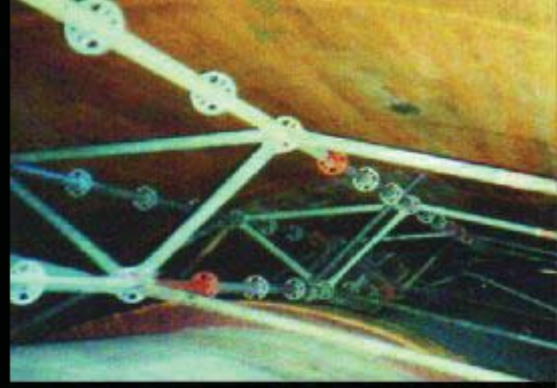

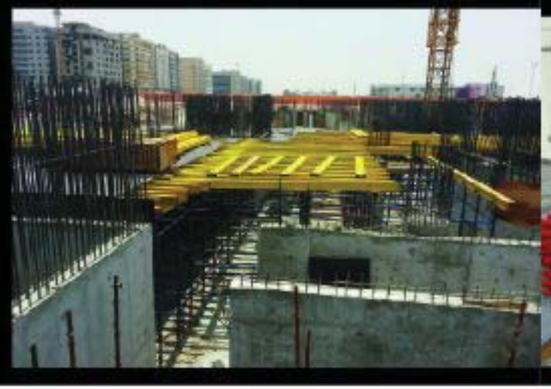


الـــهـــرم الـــعـــالـــي
لـــتـــجـــارة الـــســـقـــالات

تلفون : ٥٥٦٦١٥٧ ٢ ٩٧١+ متحرك :١٠٨٦٦٧٧ ٥٥ ٩٧١+
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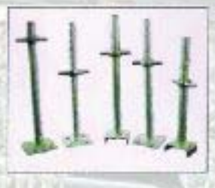
SENA makine Copper Busbar Machine

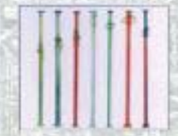
Ledger Welder

Base/ U-Head Jack Welder



Outer Prop Welder

SENA makine Copper Busbar Machine



Inner Prop Welder

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Auxiliary Components

Universal Jack

Universal Jacks allow differences is height to be maintained. The base jacks like the universal jacks are either hollow ar solid with deep threads. Easy adjustments cna be made with the universal jacks special spindles.

Code	Size (m)	Weight (kg)	Dimension (mm)
UJ	0.75	Hollow	2.96

Adujustable Base Jack

Code	Size (m)	Weight (kg)	Dimension (mm)
BJ	0.65	Hollow	3.35
BJ	0.65	Solid	5.33

Base Plate

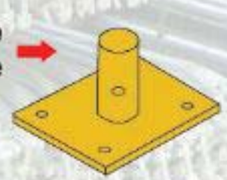
The base plate is used at the bottom of a standard to give the necessary spread of load ensuring complete stability.

Rectangular Spigot Connector

Universal Jack

Base Jack

Base Plate



Drop Forged Ledger End

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Props

Adjustable props are economical and popular instruments used to support the concrete elements. They provice the best temporary supports for all purposes. They are

- Economical to hire or buy
- Easier and quicker in erection
- Provice safe load supporting

The most important part of the props are the threaded portion called the Collar. The Collars include a high tensile steel pin. Both were designed to be rust-free and easy to adjust.

Single Push - Pull Props

For use whenever an adjustable inclined strut is required, suitable for all building systems and framework applications.

Single Push-Pull Props
Rocking Base

12 mm pin

Props Are Manufactured In Two Categories

- Medium Duty Props (2.0 mm thickness, inner and outer tube)
- Heavy Duty Props (3.1 mm thickness, inner and outer tube)

All props can be manufactured in any size on demand, and the rocking top and bottom plate are also available in any size.

1) L= Lenght of the Element
2) O.D = Outer Diameter
3) t=Wall Thickness
4) S.F. = 1.6

Top Plate
Inner Plate

Adjustable Nut

Outer Tub

A. Medium Duty Props

Code	Screw (Threaded Tube) L/O/D/t (mm)	Outer Tube L/O. D/t (mm)	Inner Tube L/O. D/t (mm)	Height of Use (mm). Min	Height of Use (mm). Max	Permissible Load (kg) Closed	Permissible Load (kg) Extended	Weight Approx (kg)
PA12	220/60.3/3.2	1500/60.3/2.0	1500/48.3/2.0	1750	3000	1215	1000	10.6
PA11	220/60.3/3.2	1500/60.3/2.0	2000/48.3/2.0	2000	3500	1134	875	11.8
PA10	220/60.3/3.2	1500/60.3/2.0	2500/48.3/2.0	2500	4000	735	563	12.9
PA09	220/60.3/3.2	1500/60.3/2.0	3000/48.3/2.0	2500	4500	656	548	13.9
PA08	220/60.3/3.2	2000/60.3/2.0	3000/48.3/2.0	3000	5000	595	456	15.0

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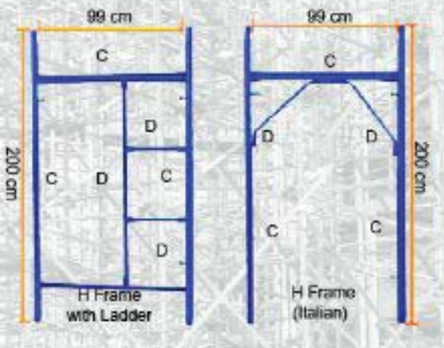
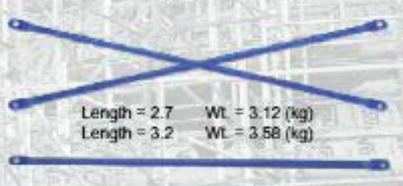


Code: DB (Diagonal Brace)



Length = 2.7 Wt. = 3.12 (kg)
Length = 3.2 Wt. = 3.58 (kg)

Code: HB (Horizontal Brace) Length = 2.5 Length = 3.0

1. Locate the blade end of ledgers into bottom cup
2. Drop down the top cup and rotate
3. Tighten with a hammer

LEDGER

Code	Size (m) Center to Center of Standard	Weight (kg)
L01	2.5	8.44
L02	1.8	6.15
L03	1.6	5.52
L04	1.3	4.55
L05	1.2	4.22
L06	1.0	3.57
L07	0.9	3.25
L08	0.6	2.28

Special sizes on request.

Scaffolding Accessories
Scaffolding Accessories

Sheet Metal Products

Pressed Swivel Coupler (M. D.)
- Used to connect two scaffolding tubes at any angle. These are key components in the structure and must be load bearing. The body is firmly riveted to permit rotation but still ensures the minimum of further movement for maximum rigidity.

Fixed Final
- Connect a scaffolding tube at right angles directly to the end of another tube with no projection. Ideal for guard rails, crowd control barriers . etc..

Code	Weight
Ee 42	1kg

DH Putlog Coupler
- This coupler is designed to secure putlogs and transoms to ledger. It also conforms to the requirements for bracing coupler as it is capable of taking much higher loading than normal putlog couplers.

Code	Weight
Ee 41	0.68 kg

Pressed Double Coupler (M.D.)
Used to connect two scaffolding tubes at right angles. These are critical components is the scaffolding structure and must be load bearing to resist both slip and distortion.

Dressed Sleeve Coupler
- Used to join two scaffolding tubes externally end to end. A steel divider located centrally ensures equal insertion of each tube. They can be employed where tension joints are required.

Code	Size	Weight
PDC1	1.5" X 1.5"	0.68 kg
PDC2	2.0" X 1.5"	0.73 kg

Code	Weight
Ee 24	1.15 kg

Accessories

Wing Nut
Cast nut with lever arm action used counter plate for all soldiers or waling applications. Supplied either black or galvanized.

Counter Plate
A simple heavy duty reinforced plate 120 x120 x 8 mm.

Code	Weight
E 07	0.30 kg

Tie Rod
- Threaded high tensile tie rod supplied in 6 m lenghts and 17 mm diameter, black or galvanized.

Code	Weight	Lenght
E 14	9.3 kg	6.0 m

Water Stopper
- Cast element used as a connector between two tie rods, which prevents water seepage due to its central disk.

Code	Weight
WSPC	0.56 kg

Cantilever Elements

To provide extra support at the edge of construct -ion, especially slab edge from work, the cantilever frame (CF) & cantilever beam frame (CBF) can be attached directly to the vertical at the node points. In these frames universel jacks can be fitted to hold the various supports, Forkheads and Dropheads at a 1.2m or 1.25m span

Cantilever Beam Frame

Code	Height (A) (m)	Weight (kg)
CBF1	1.5	19.11
CBF2	1.0	13.32

CANTILEVER BEAM FRAME

Cantilever frame

Code	Height (A) (m)	Weight (kg)
CBF1	1.5	16.60
CBF2	1.0	3.32

CANTILEVER FRAME

Italian System Lw. Scaffolding or fram scaffolding

Light Weight Frame System

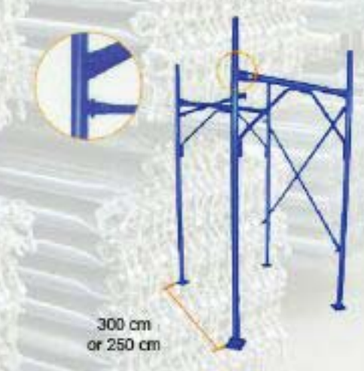
High-Tech high quality external system is designed to be easily erected and dismantled without help from professionals. The "H" frame, or vertical member, has welded square or round pins on top for ease of connection. This allows you to erect the frames faster and to any height with maximum safety and stability. The system is designed not to include any loose fittings inside.

The external systems have a three-way support to hold greater loads and ensure greater stability. The vertical Frames (H frames) are available in side ladder type, 3 step ladder, and normal "H" shape.

Italian System

Code	Height (m)	Width (m)	Weight (m)
HF (Italian)	2.0	0.99	13.70
HFL (Ladder)	2.0	0.99	15.50

Tube Diameters:
Code C 1 1/2"
Code D 3/4"



300 cm
or 250 cm

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Note: 1) L= Lenght of the Element
2) O.D = Outer Diameter
3) t=Wall Thickness
4) S.F. = 1.6

A. Heavy Duty Props

Code	Screw (Threaded Tube) L/O/D/t (mm)	Outer Tube L/O. D/t (mm)	Inner Tube L/O. D/t (mm)	Height of Use (mm). Min	Max	Permissible Load (kg) Closed	Extended	Weight Approx (kg)
PA07	220/60.3/3.2	1500/60.3/2.0	2000/48.3/2.0	1750	3000	2325	2000	14.6
PA06	220/60.3/3.2	1500/60.3/2.0	2000/48.3/2.0	2000	3500	1175	1125	16.4
PA05	220/60.3/3.2	1500/60.3/2.0	2500/48.3/2.0	2500	4000	1188	938	18.1
PA04	220/60.3/3.2	1500/60.3/2.0	3000/48.3/2.0	2500	4500	1019	738	20.0
PA03	220/60.3/3.2	2000/60.3/2.0	3000/48.3/2.0	3000	5000	915	688	22.0

Base Plate

Threaded Tube
(60.3mm)

Cup Lock System

Cup Lock system is one of the most efficient supporting systems. The system provides simplicity, versatility and economical. it has a unique node point connection which enables the systemto be erected at a faster rate than other scaffolding systems, and is also faster at striking and dismantling. A limited number of components are required, therefore there are no loose parts to get lost and no time is wasted in lining-up the vertical and horizontal.

Cuplock Standard (Vertical)

Basic features of Cuplock Standards are:
Welded Bottom Cups are pressed from high quality steel and captive mobile Top Cups made out of malleable casting provide firm grip to Ledger Blades making the connection rigid and to endure rough site handling.
Access standards are provided with integral 150mm. Long spigots for making easy vertical connections.

STANDARD

Code	Size (m)	Weight (kg)
S01	3.0	16.43
S02	2.8	15.65
S03	2.7	15.00
S04	2.5	13.62
S05	2.3	12.93
S06	2.0	10.90
S07	1.8	10.21
S08	1.5	8.18
S09	1.3	7.48
S10	1.0	5.45
S11	0.8	4.50
S12	0.7	4.00
S14	0.5	3.50

**Special sizes on request.

DROP FORGED
TOP CUP

Cuplock Ledger (Horizontal)

- Basic features of Cuplock Ledgers are:-
Minimum projection of blades avoids damages in handing and uniform dimension makes the cup joint rigid.

Cuplock System Ledger

Decking System

An Advance Access Systems

This Decking system is ideally suited for construction of reinforced concrete suspended slabs, with plywood shuttering, and incorporates the benefits of early striking. Large grid sizes of up to 2.5ZX1.8m ensures speedy erection and different sizes of primary and secondary beams can give a range of twelve support modules. Notching of plywood over the dropheads is eliminated and standard size of plywood can be used

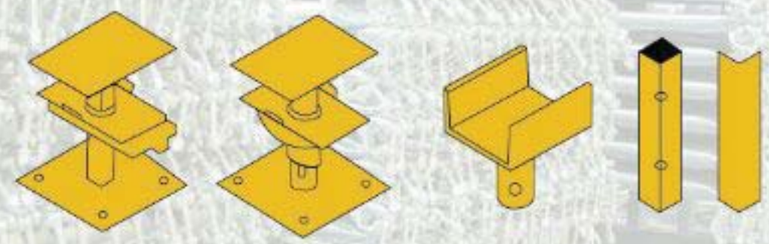
	Items Description
1.	Base Jack
2.	Ledger
3.	Standard
4.	Universal Jack
5.	Drop Head & Socket Adapter
6.	Decking Beam
7.	Infill Beam
8.	18 mm Plywood

Drop Heads

The quick action dropheads supplied complete with adaptors for Cuplocks scaffolding. The dropheads allow the beams, infills and panel to be lowered at a hammer stroke The wedge is specially constructed to endure repeated strokes of the hammer.

Infill Beam

Code	Size (m) Center to Center of Standard	Weight (kg)
IB06	1.7	8.70
IB07	1.5	7.70
	1.2	6.30
	1.1	5.90
	0.9	5.00
	0.8	4.50
	0.5	3.20



Decking Beam

	Size (m)	
DB1	2.5	25.70
DB2	1.8	19.32
DB3	1.2	13.35

Cuplock System
Infill Beam

Cuplock System
Decking Beam