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# PRODUCT MANUAL



[www.akodscaffolding.com](http://www.akodscaffolding.com)

# SCAFFOLD PRODUCTS



## CUPLOCK SYSTEM

**Thickness:** 2.75~4.0mm

**Compliance Standard:** BS12811-2003

### CUPLOCK STANDARD(VERTICAL)

Cuplock standards are provided in nine basic size with cup joints welded at 500mm intervals. the surface can be painted or galvanized. The captive mobile top cups are drop forged steel or malleable castings which endure rough site handling. while the fixed bottom cups are pressed from high quality steel.

Material	Length	Surface Treatment
Q235/Q355, 48.3*3.2mm	500mm	Painted or Hot Dipped Galvanized
	1000mm	
	1500mm	
	2000mm	
	2500mm	
	3000mm	



### SPIGOT CONNECTOR

When necessary verticals are connected end to end by an internal spigot. This is bolted to the lower vertical.

Material	Length	Surface Treatment
Q235, 38*2.5mm 3.2mm, 3.0mm	250mm	Painted or Hot Dipped Galvanized
	300mm	



## CUPLOCK LEDGER(HORIZONTAL)

The ledger is a horizontal component in the Cuplock scaffolding system that connects the vertical standards (posts) and provides support for the platform or working deck. It plays an essential role in stabilizing the scaffold structure and distributing loads evenly across the system.



Material	Length	Surface Treatment
Q235, 48.3*3.2mm Q235, 48.3*3.0mm Q235, 48.3*2.8mm	600mm	Painted or Hot Dipped Galvanized
	800mm, 900mm	
	1000mm, 1200mm	
	1300mm, 1500mm	
	1600mm, 1800mm	
	2500mm	

## INTERMEDIATE TRANSOM

Intermediate transom is a crucial component in scaffolding systems, particularly in modular scaffolding like Cuplock. It serves as a horizontal support element placed between the standards (vertical posts) to support the scaffold decking or working platforms.



Material	Length	Surface Treatment
Q235, 48.3*3.2mm Q235, 48.3*3.0mm Q235, 48.3*2.8mm	1000mm, 1200mm	Painted or Hot Dipped Galvanized
	1300mm, 1500mm	
	1600mm, 1800mm	
	2500mm	

## DIAGONAL BRACE

Each brace has swivel blade ends to allow for easy location within the node joint. As only one blade end can be located in each joint, parallel bracing is employed.



Material	Length	Surface Treatment
Q235, 48.3*3.2mm Q235, 48.3*3.0mm Q235, 48.3*2.8mm	1000mm, 1200mm	Painted or Hot Dipped Galvanized
	1300mm, 1500mm	
	1600mm, 1800mm	
	2500mm	

## SIDE BOARD SUPPORT



Material	Length	Surface Treatment
Q235, 48.3*3.2mm	260mm	Painted or Hot Dipped Galvanized
	520mm	



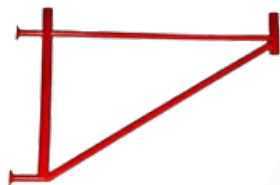
## BOARD/BEAM EXTENSION BRACKET

Material	Length	Surface Treatment
Q235, 48.3*3.2mm	565mm	Painted or Hot Dipped Galvanized
Q235, 48.3*3.2mm	795mm	



## BEAM BRACKET

Material	Length	Surface Treatment
Q235, 48.3*3.2mm	1000mm	Painted or Hot Dipped Galvanized
	1500mm	



## CANTILEVER BEAM FRAME

Material	Length	Surface Treatment
Q235, 48.3*3.2mm	1000mm	Painted or Hot Dipped Galvanized
	1500mm	



## CANTILEVER FRAME

Material	Length	Surface Treatment
Q235, 48.3*3.2mm	1000mm	Painted or Hot Dipped Galvanized
	1500mm	



Top Cup

**Material:** Malleable casting Iron; drop forged steel.  
**Weight:** 0.41kg-0.46kg.  
**Finish:** self color.



Bottom Cup

**Material:** Pressed Carbon Mild Steel Plate  
**Weight:** 0.19kg-0.22kg  
**Finish:** Self color



Ledger Blade

**Material:** Drop Forged Graded low **Type:** Closed & open  
**Weight:** 0.19kg-0.25kg  
**Finish:** Self color.



# SCAFFOLD BOARD



## STEEL BOARD

**Size:** 0.5m to 4m (other sizes are available on request)

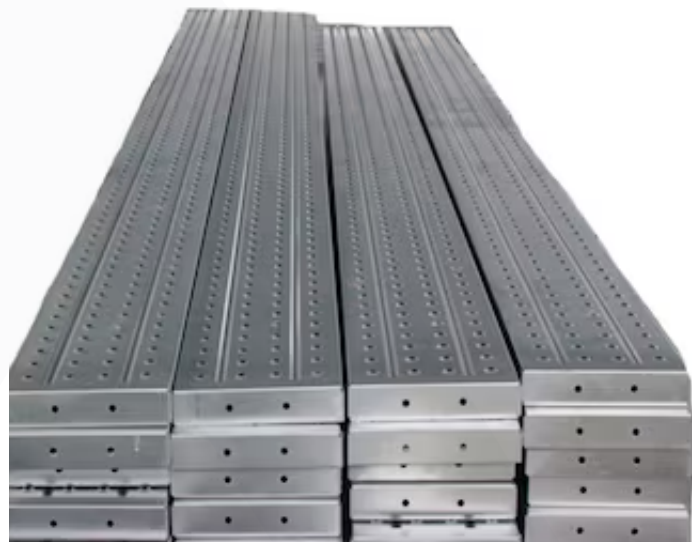
**Material:** Q195 & Q235 Steel Strip

**Standard:** BS EN 12811-1:2003,2004; AS/NZS1577:2013

Width x Height x Thickness x Length	Weight
225 x 38 x 1.5 x 1000mm	4.5kg
225 x 38 x 1.5 x 2000mm	8.7kg
225 x 38 x 1.5 x 3000mm	13.0kg
225 x 38 x 1.5 x 4000mm	17.2kg

225 x 38 x 1.8 x 1000mm	5.3kg
225 x 38 x 1.8 x 2000mm	10.4kg
225 x 38 x 1.8 x 3000mm	15.4kg
225 x 38 x 1.8 x 4000mm	20.5kg

225 x 38 x 2.0 x 1000mm	5.8kg
225 x 38 x 2.0 x 2000mm	11.5kg
225 x 38 x 2.0 x 3000mm	17.1kg
225 x 38 x 2.0 x 4000mm	22.7kg



Width x Height x Thickness x Length	Weight
230 x 63 x 1.8 x 540mm	3.8kg
230 x 63 x 1.8 x 740mm	5.0kg
230 x 63 x 1.8 x 1030mm	6.6kg
230 x 63 x 1.8 x 1250mm	7.9kg
230 x 63 x 1.8 x 1810mm	11.6kg
230 x 63 x 1.8 x 2420mm	15.0kg
230 x 63 x 1.8 x 3070mm	18.7kg



## SCAFFOLD LAMINATED WOODEN BOARD (LVL BOARD)

Laminated Veneer Lumber (LVL) boards are engineered wood products known for their strength, durability, and resistance to defects like knots. These characteristics make them an excellent choice for scaffolding applications, providing a safe and reliable platform for construction projects.

Material	Length
LVL BOARD OSHA STANDARD  225mm x 38mm	500mm
	1000mm
	1500mm
	2000mm
	2500mm
	3000mm
	3500mm
	3900mm



## SCAFFOLD WOODEN BOARD (PINE SOLID BOARD)

Scaffold boards serve as essential components in scaffolding systems, providing platforms for workers and materials during construction and maintenance projects. The specifications of these boards vary based on material, design, and intended application.

Material	Length
SOLID WOODEN BOARD  225mm x 38mm	500mm
	1000mm
	1500mm
	2000mm
	2500mm
	3000mm
	3500mm
	3900mm



# ADJUSTABLE PROPJACK



## HEAVY DUTY PROP

Min	Max	Internal Tube	External Tube
1.8m	3.5m	48*2.0mm	60*2.0mm
2.0m	3.6m	48*2.0mm	60*2.0mm
2.2m	3.9m	48*2.0mm	60*2.0mm
2.2m	4.0m	48*2.0mm	60*2.0mm
3.0m	5.0m	48*3.0mm	60*3.0mm



## LIGHT DUTY PROP

Min	Max	Internal Tube	External Tube
1.7m	3.0m	40*1.8mm	48*1.8mm
1.8m	3.2m	40*1.8mm	48*1.8mm
		48*1.8mm	56*1.8mm
2.0m	3.6m	40*1.8mm	48*1.8mm
		48*1.8mm	56*1.8mm
2.2m	3.9m	48*1.8mm	56*1.8mm
2.2m	4.0m	40*1.8mm	48*1.8mm
		48*1.8mm	56*1.8mm



## PUSH-PULL PROP

Min	Max	Internal Tube	External Tube
2.2m	4.1m	48*2.0mm	60*2.0mm
2.5m	4.5m	48*2.0mm	60*2.0mm
3.0m	5.0m	48*2.0mm	60*2.0mm



						
Product Name	Cupnut	G Pin	Straight Pin	Adjustable Collar & Bar	Treaded tube	Fork Head
Size	69.5*3.5*140mm	12*170mm	12*110mm	For 60mm Outer pipe	60*3.0*195mm	Plate: 86*170*5mm Fork leg: 30*3*180mm Pipe: 32*2.0*140
Weight	1.0kg	0.3kg	0.1kg	0.53kg	0.5kg	2.3kg

## STAIR CASE

WidthxLengthxHeight	Weight
W450* 2677mm(L1829*H1955mm)	25.55kg
W450* 2515mm(L1829*H1725mm)	23.34kg
W450* 2370mm (L1500*H2000mm)	23.31kg
W450* 2828.4mm(L2000 *H2000mm)	26.18 kg
W1000* 2690.7mm(L1800*H2000mm)	52.02kg
W1000* 2828mm (L2000 *H2000mm)	52.59kg



## STEEL LADDER BEAM

**Material:** Q235 Steel Pipes

**Surface:** Hot dipped galvanized, Painted

Specification	Weight
300*1000mm(48.3*4.0mm, 48.3*4.0mm)	12.8kg
300*2000mm(48.3*4.0mm, 48.3*4.0mm)	24.5kg
300*3000mm(48.3*4.0mm, 48.3*4.0mm)	38.0kg
300*4000mm(48.3*4.0mm, 48.3*4.0mm)	50.3kg
300*6000mm(48.3*4.0mm, 48.3*4.0mm)	76.0kg
300*1000mm(48.3*3.2mm, 48.3*3.2mm)	10.0kg
300*2000mm(48.3*3.2mm, 48.3*3.2mm)	20.0kg
300*3000mm(48.3*3.2mm, 48.3*3.2mm)	30.960
300*4000mm(48.3*3.2mm, 48.3*3.2mm)	40.960
300*6000mm(48.3*3.5mm, 48.3*3.5mm)	65.7kg



## ALUMINUM LADDER BEAM

Specification	Weight
731.7*3000mm (48.3*4.5mm, 48.3*2.6mm)	16.60kg
731.7*4000mm(48.3*4.5mm, 48.3*2.6mm)	21.9kg
731.7*5000mm (48.3*4.5mm, 48.3*2.6mm)	27.21kg
450*6000mm (48.3*4.5mm, 48.3*2.6mm)	28.25kg



## GALVANIZED TUBE / SCAFFOLD TUBE

**Material:** HDG Steel Pipes

**Surface:** Hot dipped galvanized

**Standard:**

EN 10219/BS1139-1990/EN 39-2001

Material	Length	Surface Treatment
HDG 48.3*4.0mm 48.3*3.2mm 48.3*2.6mm	500mm , 1000mm	Hot Dipped Galvanized (HDG)
	1500mm , 2000mm	
	2500mm , 3000mm	
	3500mm , 4000mm	
	4500mm , 5000mm	
	5500mm , 6000mm	





# SCAFFOLD COUPLERS



**DOUBLE / RIGHT ANGLE COUPLER**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**SWIVEL COUPLER**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**BOARD RETAINING COUPLER (BRC)**  
EN74 / BS1139  
48.3mm  
HDG



**SINGLE COUPLER**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**BEAM CLAMP / GIRDER COUPLER**  
EN74 / BS1139  
48.3mm  
HDG



**JOINT BOX / SLEEVE COUPLER**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**HALF COUPLER**  
EN74 / BS1139  
48.3mm  
HDG



**T-BOLT**  
EN74 / BS1139  
HDG



**TOE BOARD CLAMP**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**BASE PLATE**  
EN74 / BS1139  
150mm \* 150mm \* 6mm  
HDG



**LADDER CLAMP**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG/PRESSED



**LIMPET COUPLER**  
EN74 / BS1139  
48.3mm  
HDG/PRESSED



**ADJUSTABLE BASE JACK**  
150mm x 150mm x 6mm  
EN74/BS1139  
Solid/Hollow  
HDG/Painted



**U-HEAD JACK**  
EN74/BS1139  
Solid/Hollow  
600mm/700mm/650mm/750mm  
HDG/Painted



**FORK U-HEAD JACK**  
EN74/BS1139  
Solid/Hollow  
600mm/700mm/650mm/750mm  
HDG/Painted



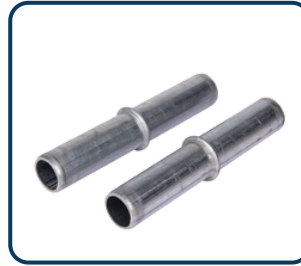
**UNIVERSAL JACK**  
EN74/BS1139  
Solid/Hollow  
600mm/700mm/650mm/750mm  
HDG/Painted



**FENCE COUPLER**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**JORDAN CLAMP**  
EN74 / BS1139  
48.3mm\*48.3mm  
HDG



**JOINT PIN / SPIGOT PIN**  
EN74 / BS1139  
48.3mm  
HDG



**SAFETY NET**  
high density polyethylene  
2.9m x 50m



**SCAFFOLD LIFTING BAG**  
Oxford Fabric  
30KG , 50KG



**GIN WHEEL**  
BS 851692 (1998)  
250KG CAPACITY



**SCAFFOLD SPANNER**  
Heavy Duty  
Stainless Steel



**SCAFFOLD TOOL BELT**  
Heavy Duty  
Leather



**TOOL SAFETY LANYARD**  
Heavy Duty



**SPIRIT LEVEL**  
Die Cast Aluminium  
Magnetic Base



**FALL ARREST BLOCK**  
Available in Various Size



**SCAFFOLDING GIN WHEEL ROPE**  
18mm Polypropylene rope  
All sizes Available



**SCAFFOLD COUPLER COVER**  
Brand - Akodsaf  
High quality HDPE  
48.3mm for Tube caps  
50.0mm for Dual caps



**SCAFFOLD THREAD CAP**  
Brand - Akodsaf  
High quality HDPE



**SCAFFOLD TUBE END CAP**  
Brand - Akodsaf  
High quality HDPE  
48.3mm for Tube caps



**SCAFFOLD SAFE TAG**  
Brand - Akodsaf  
High Quality



**SCAFFOLD SIGN FRAME**  
Heavy Duty  
Suitable for 48.3mm



**SCAFFOLD SWING GATE**  
Brand - Akodsaf  
Powdercoated Yellow  
Suitable for 48.3mm



**SCAFFOLD SAFETY LIGHT**  
Battery operated  
High Quality  
Suitable for 48.3mm



**SCAFFOLD HAMMER**  
Brand - Akodsaf  
High Quality  
Anti-slip

# ALUMINUM LADDERS



**Material:** Aluminum 6063-T5

**Thickness:** 1.2-3 mm according to your requirement

**Loading capacity:** 150KGS Light weight, portable, durable ,anti-corrosion ,water proof , environment-friendly Sizes and designs can be customized. OEM & ODM partners are warmly welcomed.



Dual-Purpose Ladder



Multi-Purpose Ladder



Triple section Extension Ladder



Telescopic Ladder



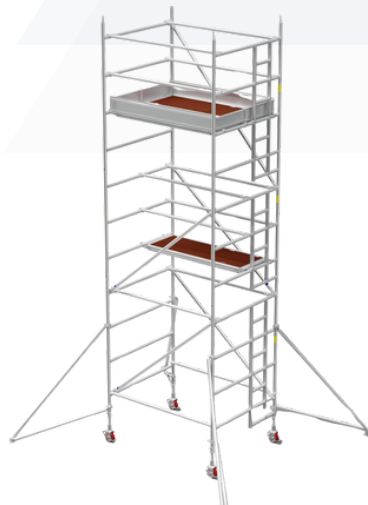
A Type Ladder



Step Ladder



Rope operated Extension Ladder



Aluminum Mobile Tower



Straight Ladder



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