

# ALBERA

Rental & Services



## Catalogue

TUBULAR & RINGLOCK SCAFFOLDING SYSTEM  
TRUCK MOUNTED CRANE | MANPOWER SUPPLY

[www.albera.co.id](http://www.albera.co.id)



@alberaproserindo



@AlberaProsperindoID



@AlberaRental



PT. Albera Prosperindo

# WELCOME TO OUR COMPANY

## ABOUT US

**Albera Rental & Services** is established to provide the highest and affordable quality construction equipment especially in scaffolding and truck mounted cranes.

We have extensive stocks of scaffolding available from various leading brands in order to meet your rental demand and majority of our stocks are in accordance with international standard such as EN 39, EN 74 / BS1139, JIS A 8951, AS 1577 etc.

For Cranes, we do have telescopic and knuckle boom type from leading asia and european brands.



## #TUBULARSCAFFOLDING



### OUR OFFICE

Green Sedayu Bizpark DM1 No. 63,  
Jl. Daan Mogot KM. 18, Kalideres,  
Jakarta Barat 11840, Indonesia.



### OUR WAREHOUSE

Kawasan Graha Balaraja Industri  
Estate Kav. C No. 5A, Kp. Peuteuy  
RT001 / RW003 Tobat, Balaraja,  
Kab. Tangerang, Banten.



### CONTACT US

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marketing@albera.co.id

### OUR VISION

To create Albera as the hub of Scaffolding with Manpower and Truck crane rental.

### OUR MISSION

- \* Produce and provide products and services that are meeting client requirement and in timely manner.
- \* Providing innovative solution to client needs.

### COMPANY POLICY

We are committed to delivery client satisfaction through provision of cost efficient, quality product & services and timely delivery.



### FEATURES

- ◆ Applicable for various scaffold structures (independent, facade, suspended (include tower), cantilever) and falsework
- ◆ Due to its simple connection, it is easier to erect and disassemble.
- ◆ High safety standard and confirm to the related international Standard, such as BS, EN, JIS, SS and AS.
- ◆ High rigid construction can be achieved by bracing component and tie components in all direction.
- ◆ More layer platform can be built due to high capacity of the load bearing of the tube.
- ◆ A larger load bearing capacity.
- ◆ Low investment cost.



# #ScaffoldingPIPE

## Seamless Type

Outside Diameter x Length x Thickness :  
48,3 mm x 6 m x 4,0 mm

Surface Protection : Galvanized

BS 1139 / EN 39 Standard

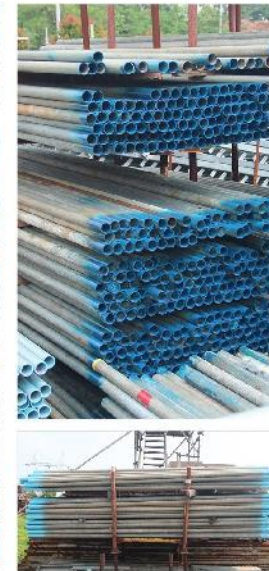
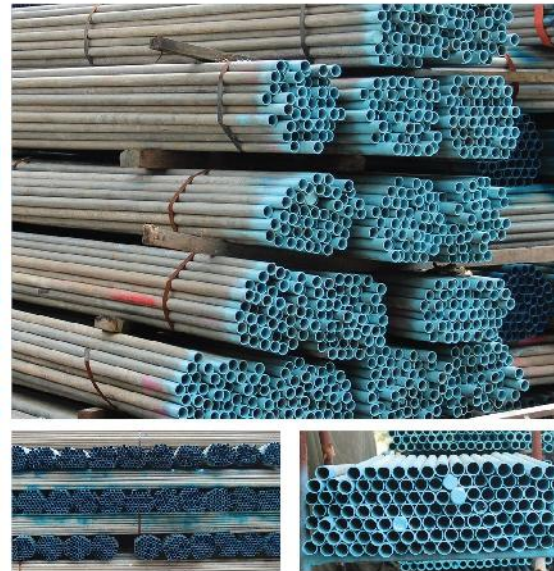


## Electric Resistance Welded (ERW)

Outside Diameter x Length x Thickness :  
48,3 mm x 6 m x 4,0 mm

Surface Protection : Galvanized

BS 1139 / EN 39 Standard



## Scaffolding Pipe Application :

A main item for creating a temporary structure used to support people and material in the construction or repair of buildings and other large structures.

## Good and Safe Scaffolding Practice :



## Electric Resistance Welded (ERW)

Outside Diameter x Length x Thickness :  
48,6 mm x 6 m x 2,4 mm

Surface Protection : Galvanized

JIS G3444 Standard



## Electric Resistance Welded (ERW)

Outside Diameter x Length x Thickness :  
48,3 mm x 6 m x 3,2 mm

Surface Protection : Galvanized

BS 1139 / EN 39 Standard



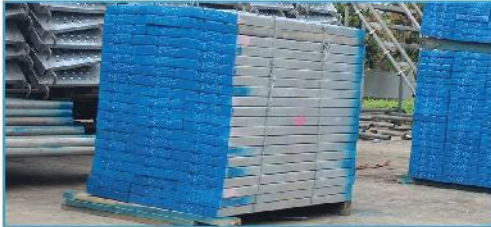
# #SteelPLANK

## 1 m Plank Size

Height x Width x Thickness x Length :  
250 mm x 40 mm x 1,2 mm x 1m

Surface Protection :  
Galvanized

SS 280 Standard



## 2 m Plank Size

Height x Width x Thickness x Length :  
250 mm x 40 mm x 1,2 mm x 2 m

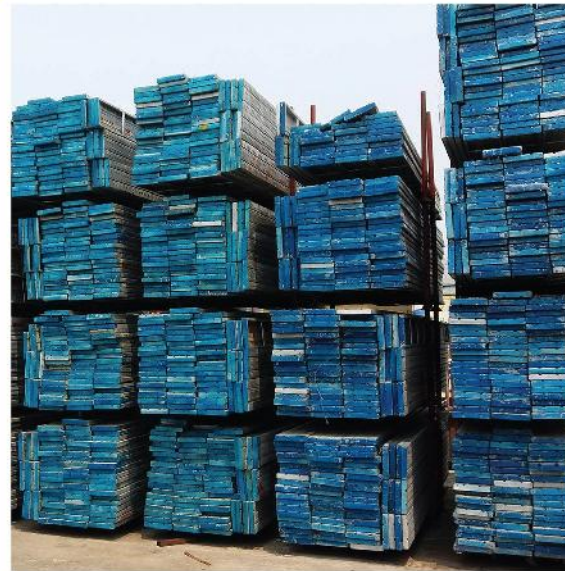
Surface Protection :  
Galvanized

SS 280 Standard



## Benefits

- ◆ **Stronger and Lighter** - Plank has a better load bearing and lighter comparing to the conventional wood board, so the planks are easier to install than the conventional wood/timber planks.
- ◆ **Anti slip** - The unique "hole patterns" design on the surface makes the planks free from slippery conditions.
- ◆ **Economical and reliable** - as it made from metal, Plank is Pre Galvanized (Zinc Electro Plating). These characteristics will give the planks much better reliability which in turns will generate cost saving comparing to the conventional wood or timber planks.
- ◆ **Easy for Inspection** - Visually, it is very easy to check and verify the quality and conditions of the Steel Plank.
- ◆ **Can be repaired or reworked** - If there is certain damage on the Steel Planks, it is easier to repair them such as by welding, painting etc.
- ◆ **Environmental friendly** - No need to cut trees plus the metal can be recycled.



## 3 m Plank Size

Height x Width x Thickness x Length :  
250 mm x 40 mm x 1,2 mm x 3 m

Surface Protection :  
Galvanized

SS 280 Standard



## 4 m Plank Size





Height x Width x Thickness x Length :  
250 mm x 40 mm x 1,2 mm x 4 m





Surface Protection :  
Galvanized




SS 280 Standard



# #COUPLER

Pressed Double Coupler		Specification
	<b>Application :</b> Use for connecting two tubes crossing at right angle.	<i>Slipping load test ( Δ1 )</i> : 7 kN <i>Slipping load test ( Δ2 )</i> : 10 kN <i>Failure load test</i> : 20 kN Nut Hex Size : 21 mm Surface protection : Zinc Electro Plating
	<b>Feature :</b> Stronger	
	<b>Recommended Usage :</b> On shore, mainland and medium duty.	
	  	
<b>BS 1139 / EN 74 Standard</b>		

Specification	Pressed Swivel Coupler	
<i>Slipping load test ( Δ1 )</i> : 7 kN <i>Slipping load test ( Δ2 )</i> : 10 kN <i>Failure load test</i> : 14 kN Nut Hex Size : 21 mm Surface protection : Zinc Electro Plating	<b>Application :</b> Use for connecting two tubes crossing at any angle.	
	<b>Feature :</b> Stronger.	
	<b>Recommended Usage :</b> On shore, mainland and medium duty.	
  		<b>BS 1139 / EN 74 Standard</b>




Specification	Drop Forged Double Coupler
<i>Slipping load test ( Δ1 )</i> : 10 kN <i>Slipping load test ( Δ2 )</i> : 15 kN <i>Failure load test</i> : 30 kN Nut Hex Size : 21 mm Surface protection : Galvanized	<b>Application :</b> Use for connecting two tubes crossing at right angle.
	<b>Feature :</b> Stronger and more corrosive resistant.
	<b>Recommended Usage :</b> Off shore and heavy duty.
  	





**BS 1139 / EN 74 Standard**



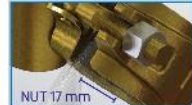




**Drop Forged  
FIXED Coupler**

**Drop Forged  
SWIVEL Coupler**

Drop Forged Swivel Coupler	Specification
<b>Application :</b> Use for connecting two tubes crossing at any angle.	<i>Slipping load test ( Δ1 )</i> : 10 kN <i>Slipping load test ( Δ2 )</i> : 15 kN <i>Failure load test</i> : 20 kN Nut Hex Size : 21 mm Surface protection : Galvanized
<b>Feature :</b> Stronger and more corrosive resistant.	
<b>Recommended Usage :</b> Off shore and heavy duty.	
  	

Pressed Double Coupler (JIS)		Specification
	<b>Application :</b> Use for connecting two tubes crossing at right angle.	Nut Hex Size : 17 mm Surface protection : Zinc Electro Plating
	<b>Feature :</b> Easy used.	
	<b>Recommended Usage :</b> Light duty.	
	  	
<b>JIS A 8951 Standard</b>		

Specification	Pressed Swivel Coupler (JIS)	
Nut Hex Size : 17 mm Surface protection : Zinc Electro Plating	<b>Application :</b> Use for connecting two tubes crossing at any angle.	
	<b>Feature :</b> Easy used.	
	<b>Recommended Usage :</b> Light duty.	
  		<b>JIS A 8951 Standard</b>

# #COUPLER



BS 1139 / EN 74 Standard

## Drop Forged Fixed Girder Coupler

**Application:**  
Connecting a tube to the flange of a structural member in right angle. It is used in a pair only.

**Feature:**  
Stronger and more corrosive resistant.

**Recommended Usage:**  
Heavy duty, Medium duty, Off Shore and On shore.

## Specification

**Nut Hex Size:** 21 mm  
**Slipping load test:**  
X : 10 kN Y : 30 kN Z : 6,5kN  
**Surface protection:**  
Galvanized



## Specification

**Nut Hex Size:** 21 mm  
**Slipping load test:**  
X : 10 kN Y : 30 kN Z : 6,5kN  
**Surface protection:**  
Galvanized



## Drop Forged Swivel Girder Coupler

**Application:**  
Connecting a tube to the flange of a structural member in any angle. It is used in a pair only.

**Feature:**  
Stronger and more corrosive resistant.

**Recommended Usage:**  
Heavy duty, Medium duty, Off Shore and On shore.



BS 1139 / EN 74 Standard



JIS Standard

## C-Clamp Fixed Coupler

**Application:**  
Connecting a tube to the flange of a structural member such as H-Beam and WF-Beam in right angle as a ties between scaffolding and structure. It is used in a pair only.

**Recommended Usage:**  
On Shore, Light duty.

## Specification

**Nut Hex Size:** 21 mm  
**Surface protection:**  
Zinc Electro Plating



## Specification

**Nut Hex Size:** 21 mm  
**Surface protection:**  
Zinc Electro Plating



## C-Clamp Swivel Coupler

**Application:**  
Connecting a tube to the flange of a structural member such as H-Beam and WF-Beam in any angle as a ties between scaffolding and structure. It is used in a pair only.

**Recommended Usage:**  
On Shore, Light duty.



JIS Standard



BS 1139 / EN 74 Standard

## Putlog Coupler

**Application:**  
Fixing board bearer which support the plank to ledger.

**Feature:**  
More flat working platform can be done with putlog coupler.

**Recommended Usage:**  
On Shore, Mainland and Medium duty.

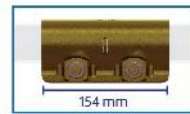
## Specification

**Nut Hex Size:** 21 mm  
**Safe working load:** 0,63 kN  
**Surface protection:**  
Hot Dipped Galvanized



## Specification

**Nut Hex Size:** 21 mm  
**Slipping load test:** 10 kN  
**Bending moment:** 1,4 kN  
**Surface protection:**  
Zinc Electro Plating



## Sleeve Coupler

**Application:**  
Joining two tubes in concentric, horizontal and diagonal direction by end to end coaxially.

**Feature:**  
Stronger.

**Recommended Usage:**  
Medium duty, On shore and Mainland.



BS 1139 / EN 74 Standard



BS 1139 / EN 74 Standard

## Inner Joint Pin

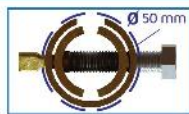
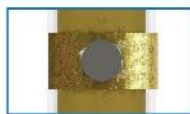
**Application:**  
Joining two tubes in concentric (vertical) direction only.

**Feature:**  
Stronger.

**Recommended Usage:**  
Medium duty, On shore and Mainland.

## Specification

**Nut Size:** 21 mm  
**Surface protection:**  
Zinc Electro Plating



## Specification

**Surface protection:**  
Zinc Electro Plating



## Ladder Clamp

**Application:**  
Fixing the ladder to the bearer ladder. It is used in a pair only.

**Feature:**  
Stronger.

**Recommended Usage:**  
On Shore, Mainland and Medium duty.



BS 1139 / EN 74 Standard

# #COUPLER



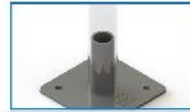
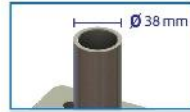
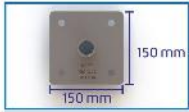
BS 1139 / EN 74 Standard

## Base Plate

Application:  
Spreading load from standard to ground / sole plate.

## Specification

Dimension Size:  
150 mm x 150 mm x 5 mm  
Surface protection:  
Galvanized



BS-EN 12811-1 Standard

## Screw Jack Base

Application:  
Levelling standard of the scaffolding at the same height.

## Specification

Area Size:  
150 mm x 150 mm x 5 mm  
Max adjusting height : 450 mm  
Overall height : 600 mm  
Surface protection:  
Zinc Electro Plating



BS 1139 / EN 74 Standard

## Board Retaining Coupler

Feature :  
1. Conform with plank AS 1577 Standard  
2. Conform with plank SS 280 Standard

## Specification

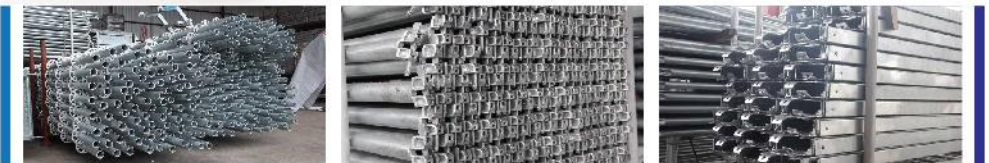
Surface protection:  
Galvanized



# #RINGLOCKSCAFFOLDING

## FEATURES

- Vertical, Horizontal and Diagonal element are assembled by secure wedge connections.
- Easily and fast to assembly (erect), dismantly, alter which it lead to productivity increasing.
- Surface protection by galvanized.
- Modular part, easy for packaging and storing.

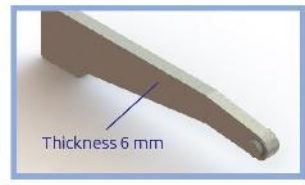
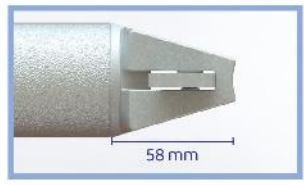
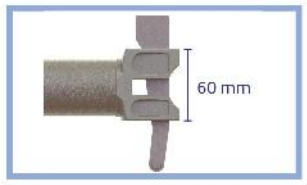


# #RINGLOCK



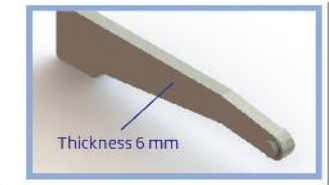
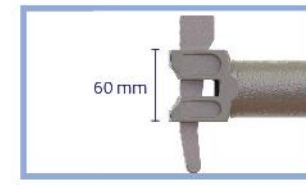
Ledger	
Length	Specification
0,65 M	Surface Protection : Galvanized Dimension: Ø outside x thickness: 48.3 x 3.0 mm Wedge thickness: 6 mm
0,90 M	
1,20 M	
1,40 M	
1,80 M	

The ledger is used in different length as support for steel deck as a structural element. The ledger is also used as a guard rail or knee rail for side protection.



Horizontal Brace	
A x B	Specification
0,9 x 1,2 M	Surface Protection : Galvanized Dimension: Ø outside x thickness: 48.3 x 2.5 mm Wedge thickness: 6 mm
0,9 x 1,4 M	
0,9 x 1,8 M	
1,2 x 1,8 M	
1,4 x 1,8 M	

The horizontal brace increases the stiffness of the scaffold construction in horizontal plan.



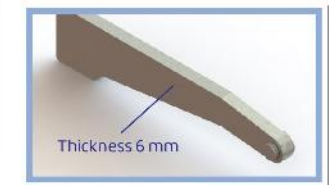
Standard	
Length	Specification
1 M	Surface Protection : Galvanized Dimension: Tube : Ø outside x thickness: 48.3 x 3.2 mm Rosette : Ø outside x thickness: 123 x 10 mm Spigot : Ø outside x thickness: 39 x 3.0 mm
2 M	
3 M	
4 M	

The standard bears the load from the scaffold down to the earth. The standard tube has a rosette and a spigot at the top and drilled holes at both ends.



Vertical Brace	
A x B	Specification
0,9 x 2,0 M	Surface Protection : Galvanized Dimension: Ø outside x thickness: 48.3 x 2.5 mm Wedge thickness: 6 mm
1,2 x 2,0 M	
1,4 x 2,0 M	
1,8 x 2,0 M	

The vertical brace increases the stiffness of the scaffold construction in vertical plan.





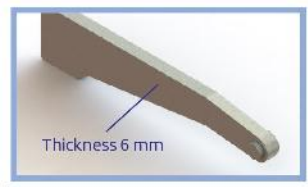
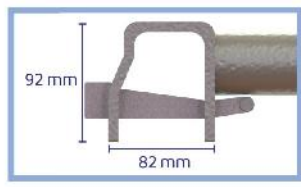
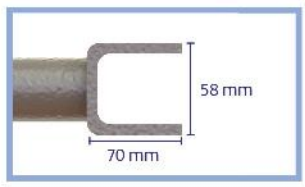
# #RINGLOCK



## Intermediate Transom

Length	Specification
0,90 M 1,20 M 1,40 M	Surface Protection : Galvanized Dimension: Ø outside x thickness: 48.3 x 3.0 mm Wedge thickness: 6 mm

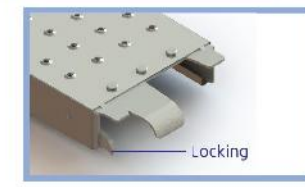
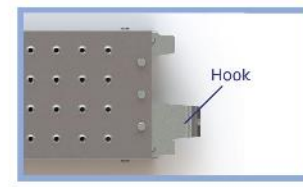
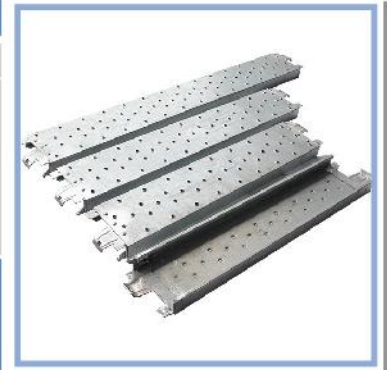
The intermediate transom is used to bear Steel plank and make shorten the free space within a scaffold bay that can be decked with scaffold board.



## Plank with Hook

Length	Specification
1,2 M 1,4 M 1,8 M	Surface Protection : Galvanized Dimension: width x height x thickness: 241 x 70 x 1.7 mm

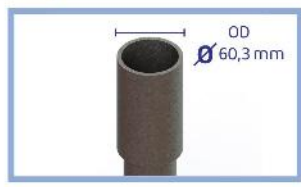
The steel plank with hook is used to build a platform. The steel decks are made from light-weight steel sheet with a non-skid surface.



## Base Collar

Size	Specification
-	Surface Protection : Galvanized Dimension: Tube : Ø outside x thickness: 48.3 x 3.2 mm Rosette : Ø outside x thickness: 123 x 10 mm

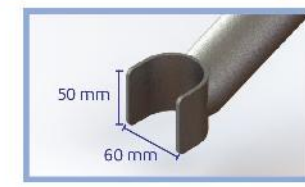
The base collar with a single rosette is placed over the base jack and enables an easy base out of the scaffold.



## Side Bracket

Length	Specification
0,65 M	Surface Protection : Galvanized Horizontal Tube: Ø outside x thickness: 48.3 x 3.2 mm Support Tube: Ø outside x thickness: 48.3 x 2.5 mm Wedge thickness: 6 mm

The side bracket can be used to expand the working platform. It can be used for one steel plank or two steel planks.



# #RINGLOCK



## Stairway

Size	Specification
1,8 x 2 M	Surface Protection : Zinc Electro Plating Square Tube: length x width x thickness: 60 x 40 x 2 mm Stair Tread: length x width x thickness: 460 x 250 x 1.8 mm

The stairway is used for access to higher lift or from one platform to another platform.



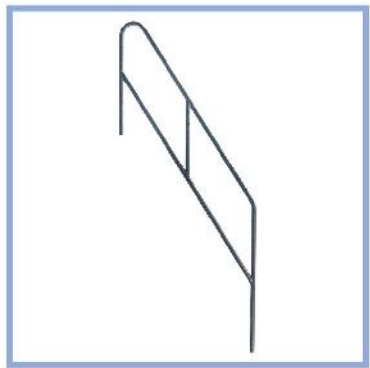
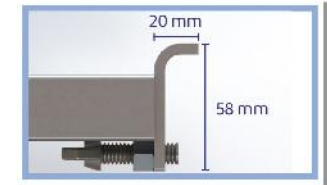
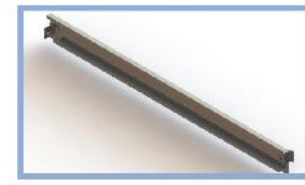
Hook



## Toe Board

Length	Specification
0,9 M 1,2 M 1,4 M 1,8 M	Surface Protection : Zinc Electro Plating

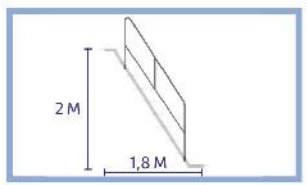
The limitation of working area.



## Guard Rail

Size	Specification
-	Surface Protection : Zinc Electro Plating Tube: Ø outside x thickness: 32 x 2 mm

Guardrail is used to prevent worker from falling off an elevated area and to guide in a safe way to a higher lift of the scaffold.



## Locking Pin

Size	Specification
Ø 9 mm	Surface Protection : Zinc Electro Plating

The locking pin can be used to securing the joint.

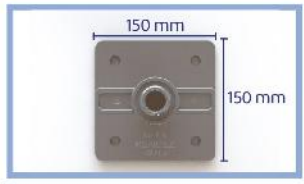


# #RINGLOCK



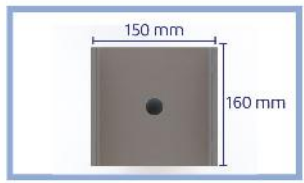
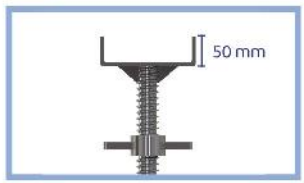
Size	Specification
	Surface Protection : Galvanized Max Adjustable height: 450 mm Base Plate: 150 x 150 x 5 mm

A metal base plate embodying a screwjack. It is used for levelling the scaffold standard at the same height.



Size	Specification
	Surface Protection : Galvanized Tread Tube length: Ø outside x thickness: 38 x 5 mm U-Head: 150 x 160 x 50 x 5 mm

U-Head can used with tubular and modular scaffolding to hold timber beams and formwork accessories in place.



## FEATURES

- Multifunction lifting machine.
- Strong lifting performance.
- Often to used for load handling.
- Carrying heavy materials.
- Exert large forces on various part.



## # TELESCOPIC CRANE

### UP TO 5-6 TON

#### SPECIFICATION

Lifting Moment : **14 tm**  
Hydraulic Outreach : **11,4 M**

#### FEATURES

- + **Swing Reducer with a build-in brake**  
Holds and fixes the crane boom tightly for driving truck.
- + **Large Overlap Mechanism**  
Large overlap of one boom to another boom maximize boom's durability and power.
- + **Cushion Device for Extension Cylinder**  
Provides smooth and precise operation of boom.

### UP TO 7-9 TON

#### SPECIFICATION

Lifting Moment : **19 tm**  
Hydraulic Outreach : **13,6 M**

#### FEATURES

- + **Swing Reducer with a build-in brake**  
Holds and fixes the crane boom tightly for driving truck.
- + **Large Overlap Mechanism**  
Large overlap of one boom to another boom maximize boom's durability and power.
- + **Cushion Device for Extension Cylinder**  
Provides smooth and precise operation of boom.

### UP TO 10-12 TON

#### SPECIFICATION

Lifting Moment : **29 tm**  
Hydraulic Outreach : **14,5 M**

#### FEATURES

- + **Swing Reducer with a build-in brake**  
Holds and fixes the crane boom tightly for driving truck.
- + **Large Overlap Mechanism**  
Large overlap of one boom to another boom maximize boom's durability and power.
- + **Cushion Device for Extension Cylinder**  
Provides smooth and precise operation of boom.

### UP TO 13-15 TON

#### SPECIFICATION

Lifting Moment : **45 tm**  
Hydraulic Outreach : **25,3 M**

#### FEATURES

- + **Swing Reducer with a build-in brake**  
Holds and fixes the crane boom tightly for driving truck.
- + **Large Overlap Mechanism**  
Large overlap of one boom to another boom maximize boom's durability and power.
- + **Cushion Device for Extension Cylinder**  
Provides smooth and precise operation of boom.

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## #ARTICULATEDCRANE

### UP TO 5-6 TON

#### SPECIFICATION

Lifting Moment : **14 tm**  
Hydraulic Outreach : **8,10 M**

#### FEATURE

- + Steel with high yield strength
- + Fully sandblasted structure
- + Hexagonal booms
- + Flanged valves
- + Bilateral controls
- + Load Limiting Device
- + Fixed Outrigger
- + Self-tapping bushings
- + SAE JIC 15141I fittings
- + Turning hook
- + Mounting kit included

### UP TO 7-9 TON

#### SPECIFICATION

Lifting Moment : **23,4 tm**  
Hydraulic Outreach : **11,92 M**

#### FEATURE

- + Steel with high yield strength
- + Fully sandblasted structure
- + Hexagonal booms
- + Flanged valves
- + Bilateral controls
- + Load Limiting Device
- + Fixed Outrigger
- + Hydraulic opening cylinders
- + Extra wide Outriggers
- + Self-tapping bushings
- + SAE JIC 15141I fittings
- + Turning hook
- + Mounting kit included

### UP TO 10-12 TON

#### SPECIFICATION

Lifting Moment : **29,6 tm**  
Hydraulic Outreach : **9,7 M**

#### FEATURE

- + Steel with high yield strength
- + Fully sandblasted structure
- + Hexagonal booms
- + Flanged safety valves
- + Regenerating valves on hydraulic extensions
- + Bilateral controls
- + Load Limiting Device
- + Stabilizers with hydraulic extensions
- + Self-tapping bushings
- + Turning hook
- + Mounting kit included
- + Red Power

### UP TO 13-15 TON

#### SPECIFICATION

Lifting Moment : **41 tm**  
Hydraulic Outreach : **11,9 M**

#### FEATURE

- + Steel with high yield strength
- + Fully sandblasted structure
- + Hexagonal booms
- + Flanged safety valves
- + Return Filter
- + Load Limiting Device
- + Fixed Outrigger
- + Self lubricating bushings
- + SAE JIC 15141I fittings
- + Turning hook
- + Mounting kit included
- + Articulated Outrigger plate
- + Hydraulic opening cylinders
- + Sliding pads on the telescopic element
- + Regenerating valves on hydraulic extensions
- + Red Power
- + Power boost



### Tool Box Meeting

Tool box meeting first to delivery task for each team and also as a reminder how to work properly.

## #MANPOWERSUPPLY



Certified and skilled scaffolders



Team work and coordination between scaffolders



Professional and Ethical



Focus on doing their job done



Help and remind between co-workers



Safety first

# ALBERA

## Rental & Services



TUBULAR & RINGLOCK SCAFFOLDING SYSTEM  
TRUCK MOUNTED CRANE | MANPOWER SUPPLY