



ACROW

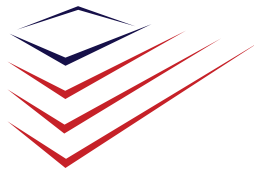
Formwork Technology



Acrow Ring Lock Shoring System

ACROW MISR Provides Full Site Service Based On More Than 35 Years Experience In The Field

ACROW
Formwork Technology



ACROW
Formwork Technology





Contents

Introduction	2
Advantages	3
Features	4
Ring Lock Standards Loadings	6
Application	7
Components	10

Introduction

Being one of the largest formwork and scaffolding companies, we are introducing the Ring lock system. Acrow all round kit (ARK) is one of the most popular and widely used systems in newly constructed projects. It can be used to act as a shoring system for slabs and for facades for external

plaster. In addition, the disappearance of the modular plain brace together with the no need for tubes or couplers in the diagonals is what makes the system easier and faster. Moreover, hot dip galvanization extends the service life of the ARK system components. The system components

are light and could be man handled easily. The ARK system also conforms to the latest occupational safety standards to provide the clients with applicable and cost effective solutions for the whole requirements.



Advantages

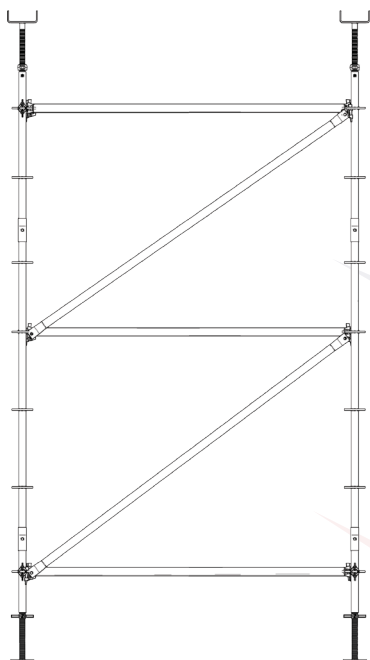
- It can be used for simple facades, complex industrial structural and sophisticated supporting structures.
- The latest technology together with the easy to handle system is what makes it a fast cost effective system.
- The Acrow scaffolding system is highly flexible, which enables it to be used for complicated layouts with varying heights.
- It is composed of a perforated steel disc with 4 small openings for ledger positions and 4 wide openings for aligning the ledgers and the diagonal braces at angles.
- Detailed information regarding the connectors load bearing capacity Due to the lightness of the system components All can be easily handled by one man.



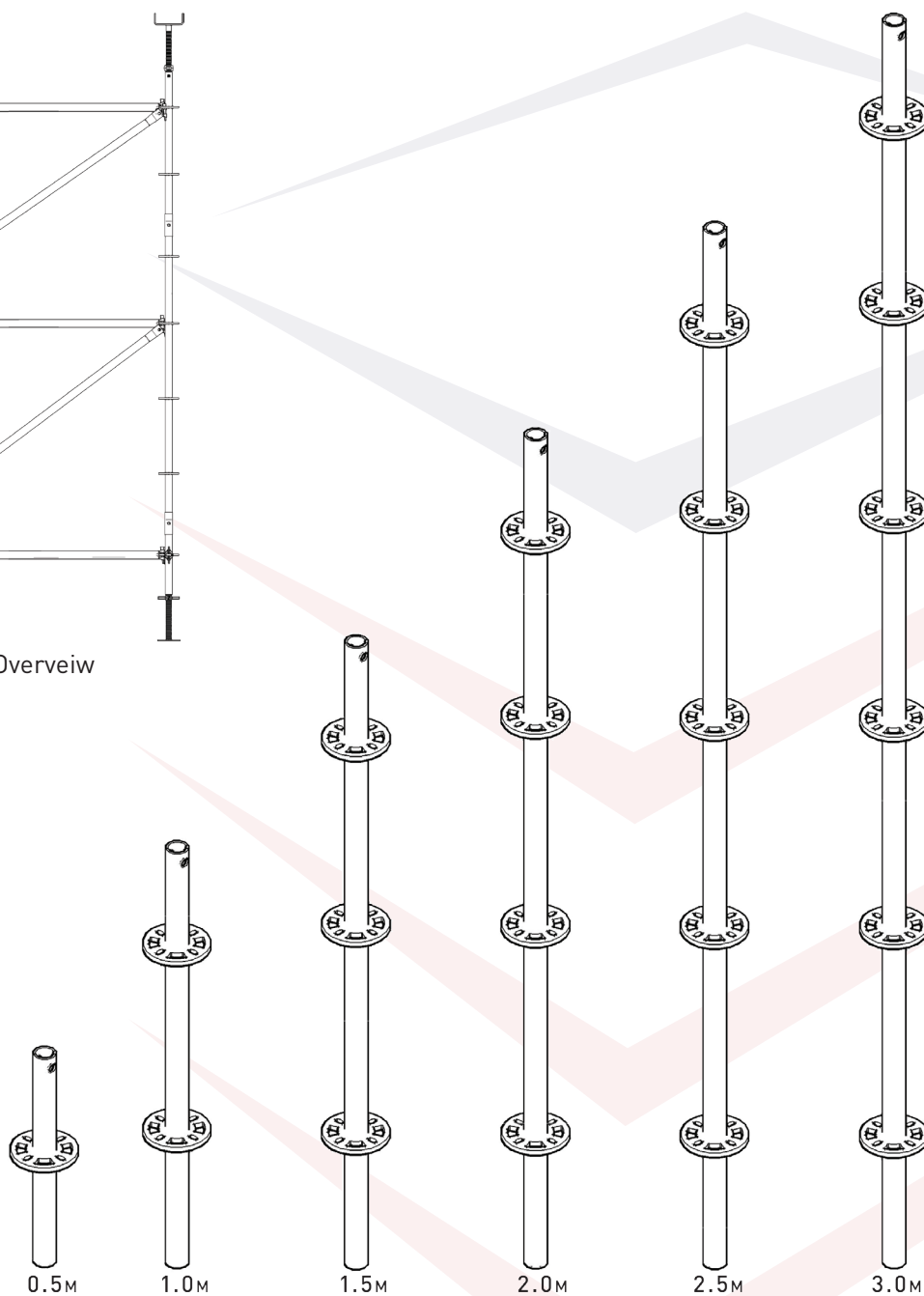
Features

1- Standards

The vertical ring has different lengths to enable for the highest vertical ring used in the standards shoring system scaffolding and grandstand.



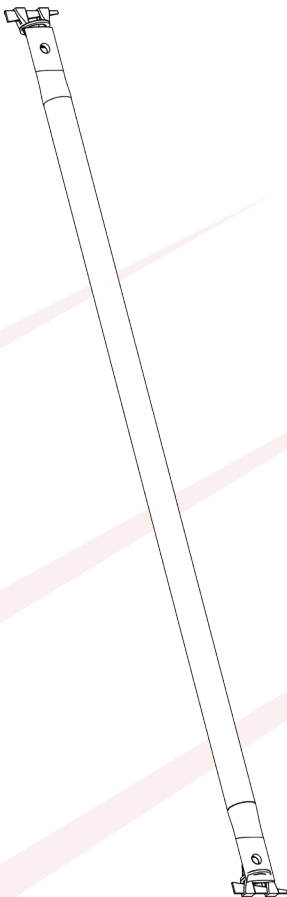
Model Overveiw



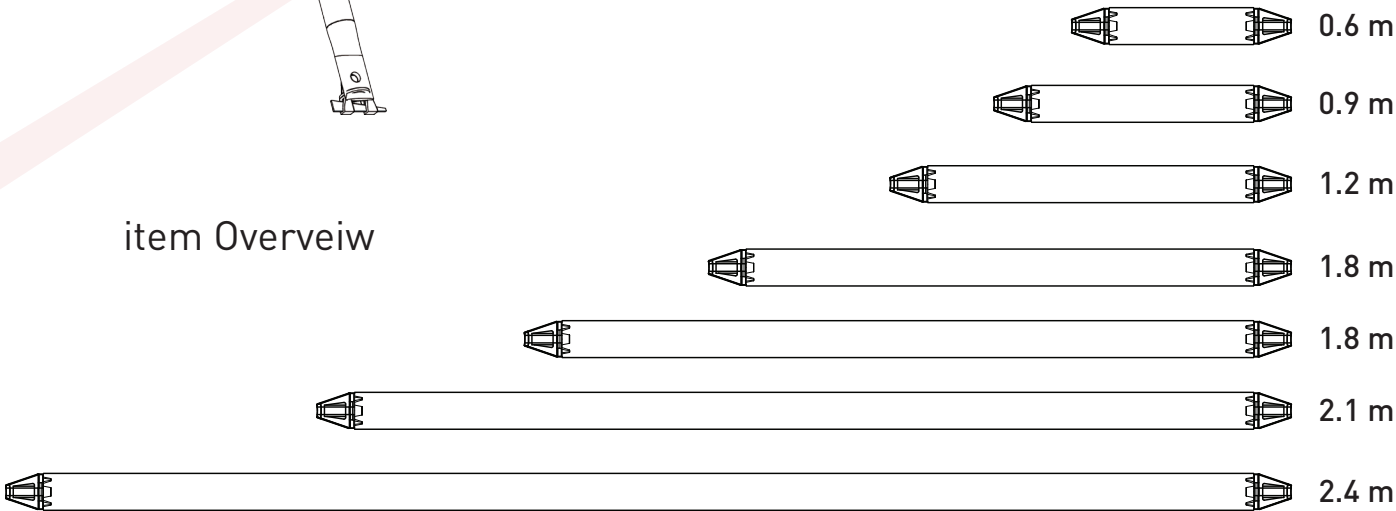
Features

2 - Ledger

The ledger is the horizontal member used to connect the standards in both the longitudinal and transversal directions. Ledger sizes vary from 0.6 m to 2.4 m.



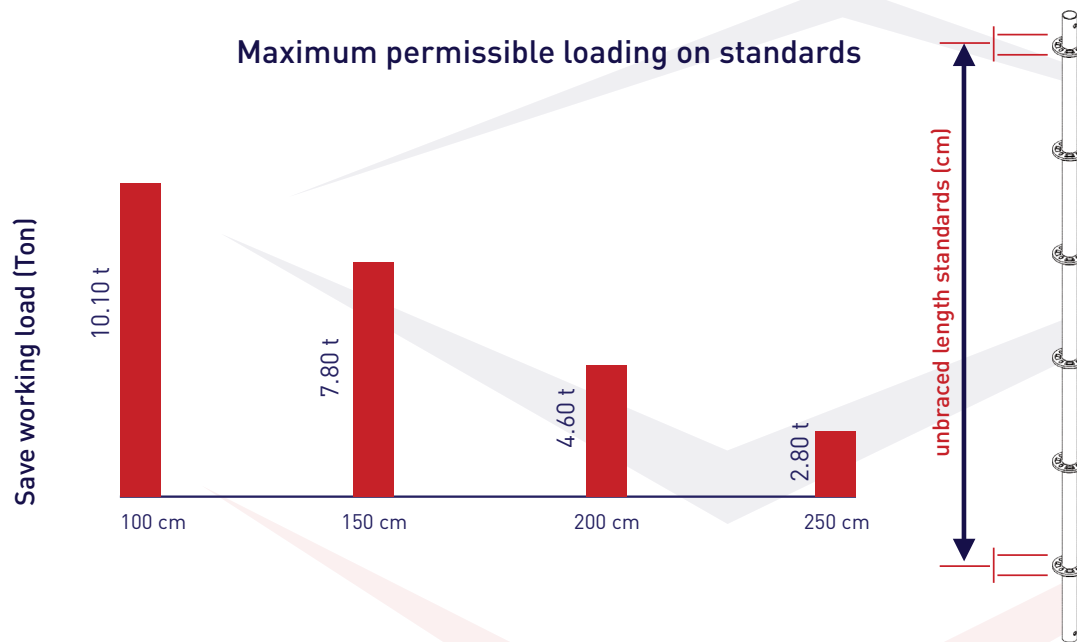
item Overveiw



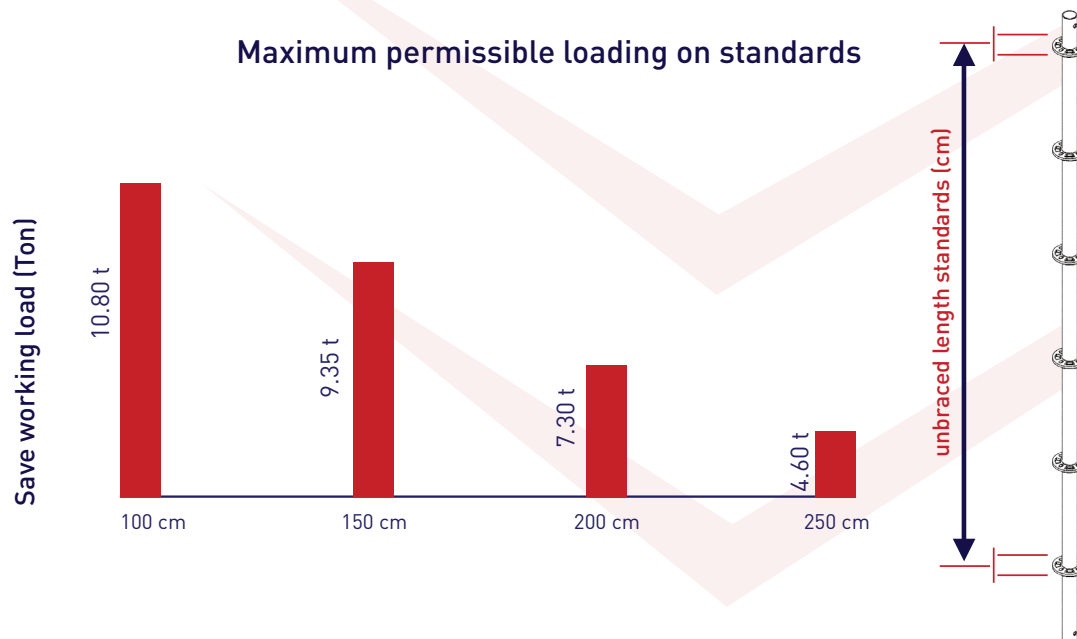
Ring Lock Standards loadings

Technical Data

•Restrained From 2 Directions



•Restrained From 4 Directions

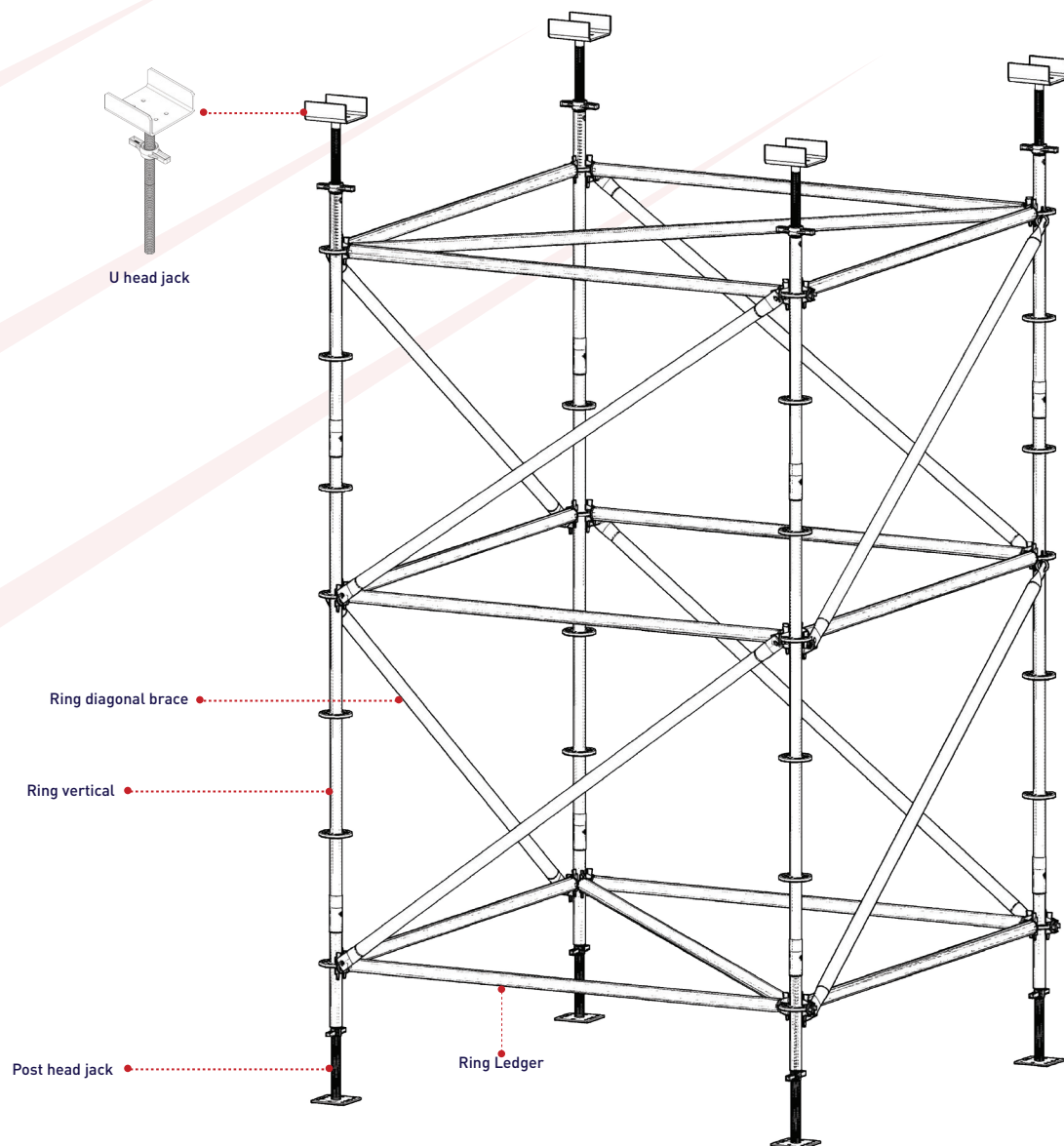


Application

Ring lock can be used as:

- Shoring
- Scaffolding
- Staircase

Ring lock use as shoring

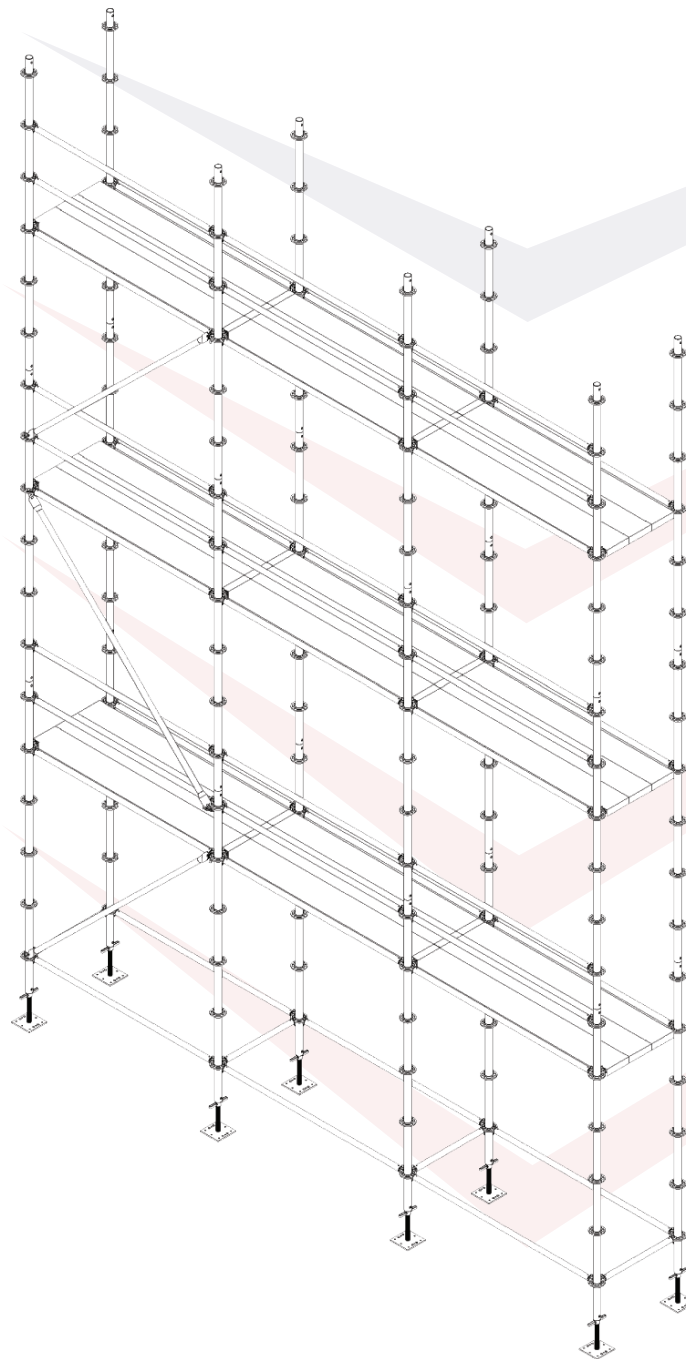


Application

Ring lock scaffolding concept:

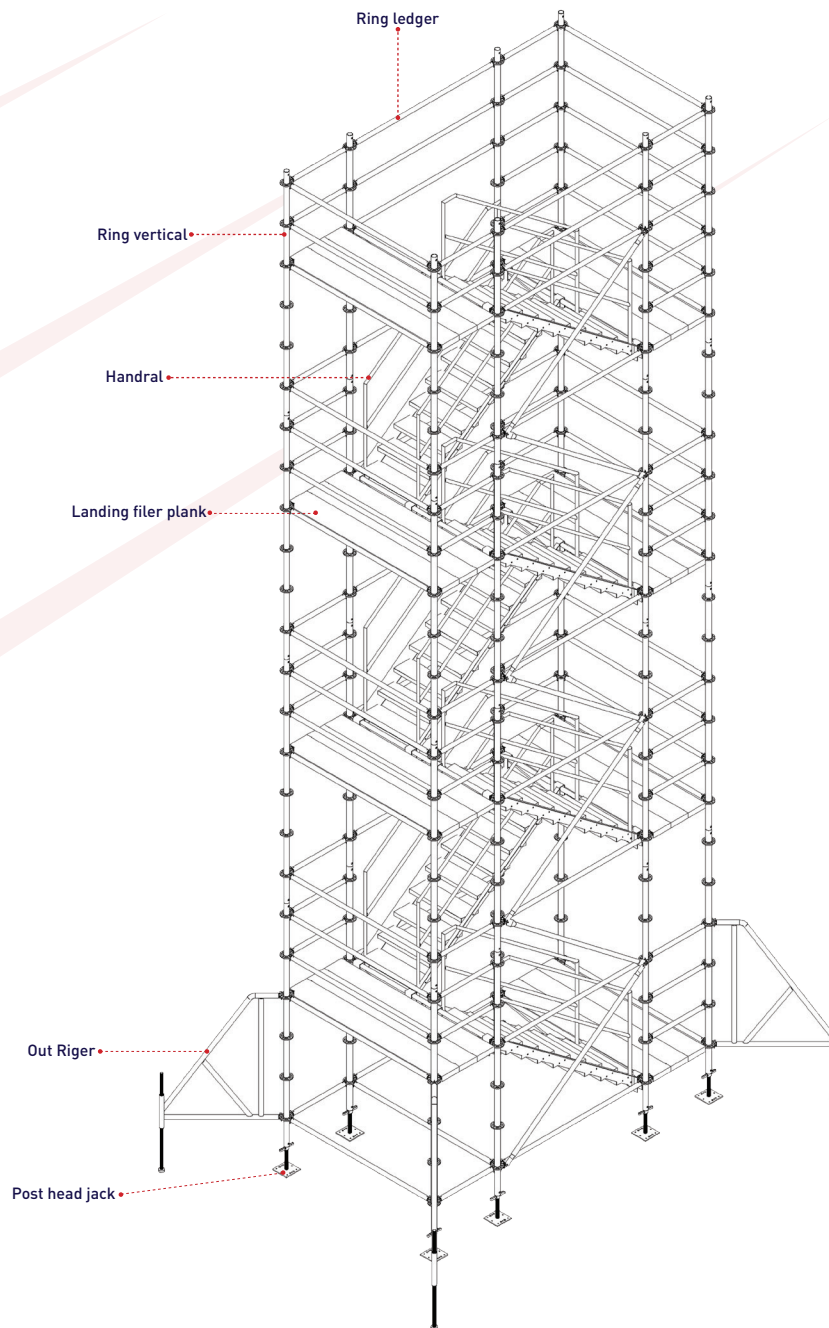
- Improve safety during erection.
- Improve logistics for erecting.
- Reduce the necessary amount of investment.
- Improve the material scaffolding use,

Ring lock use as scaffolding

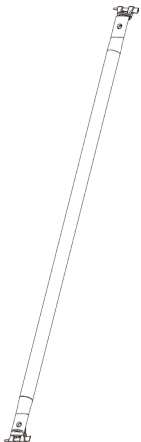
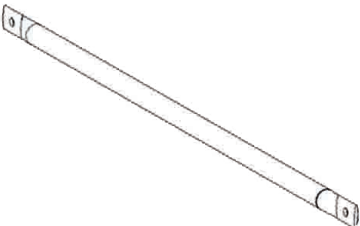


Application

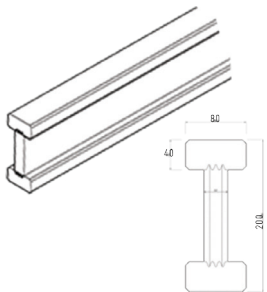
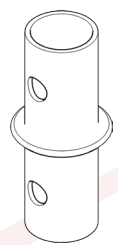
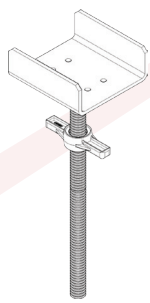
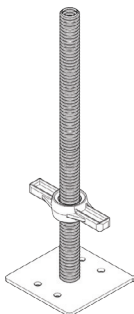
Ring lock use as staircase



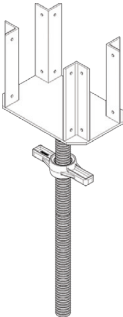
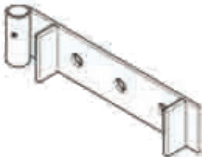
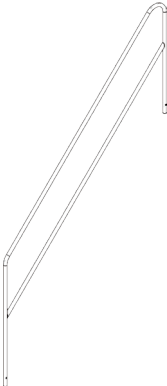
Components

Item	Description	Code no.	Weight (kg)
	Ringlock vertical		
	L=0.50 m	6221177029579	2.90
	L=1.00 m	6221177029586	5.93
	L=1.50 m	6221177029593	8.90
	L=2.00 m	6221177029609	11.86
	L=2.50 m	6221177029616	14.50
	L=3.00 m	6221177029623	17.00
	Ring ledger		
	L=0.60 m	6221177029630	1.70
	L=0.90 m	6221177029647	2.60
	L=1.20 m	6221177029654	3.50
	L=1.50 m	6221177029661	4.35
	L=1.80 m	6221177029678	5.25
	L=2.10 m	6221177029685	6.10
	L=2.40 m	6221177029692	8.40
	Diagonal Brace		
	L=0.60 m x 1.5	6221177008871	4.60
	L=0.90 m x 1.5	6221177008888	4.98
	L=1.20 m x 1.5	6221177008895	5.47
	L=1.50 m x 1.5	6221177008901	6.05
	L=1.80 m x 1.5	6221177008918	6.67
	L=2.10 m x 1.5	6221177008925	7.35
	L=2.40 m x 1.5	6221177008932	8.06
	L=0.60 m x 2.0	6221177008949	5.95
	L=0.90 m x 2.0	6221177008956	6.25
	L=1.20 m x 2.0	6221177029746	6.65
	L=1.50 m x 2.0	6221177029715	7.15
	L=1.80 m x 2.0	6221177029722	7.65
	L=2.10 m x 2.0	6221177008994	8.25
	L=2.40 m x 2.0	6221177009007	8.90

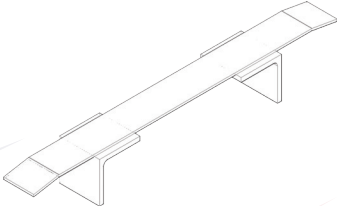
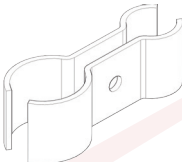
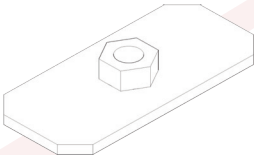
Components

Item	Description	Code no.	Weight (kg)
	L =2.50 m L =2.90 m L =3.00 m L =3.30 m L =3.60 m L =3.90 m L =4.50 m L =4.90 m L =5.90 m	6221177024062 6221177024079 6221177024086 6221177024093 6221177024109 6221177024116 6221177024130 6221177024147 6221177024154	12.50 14.50 15.00 16.50 18.00 19.50 22.50 24.50 29.50
	Frame Connector	6221177006341	0.50
	Acrow U-Head Jack Solid	6221177025939	7.40
	Post Head Jack Solid	6221177013097	5.47

Components

Item	Description	Code no.	Weight (kg)
	U-head Jack angle type (for H20)	6221177025892	8.70
	handrail connection type 2 for Soldier	6221177010119	2.70
	Stair Handrail	6221177020309	24.08
	Broken Beam	6221177010102	41.12

Components

Item	Description	Code no.	Weight (kg)
	Landing filler	6221177020255	4.06
	Handrial to Handrial Clip	6221177005986	3.65
	Fixing plate	6221177003876	0.25
	Outrigger for ringlock	6221177013110	28.85

ACROW

Formwork Technology



Acrow H20 & solidor



Acrow One shutter solidor



Acrow V.M.C



Acrow Tech-Form



Acrow Cuplock



Acrow Bridge table form



Acrow Circular column



Acrow climbing system



Acrow shorbrace Table form



Acrow Big steel panel



Acrow European prop



Acrow Vari form



Acrow Prop table form



Acrow frame



Acrow early striking system



Acrow Ring lock

www.acrow.co



20 OFFICE

AFRICA

EGYPT

Head Quarter

Factory: Wady Houf, Helwan

Tel.: [+202] 23690 616 / 23690 739

[+202] 23695 700 / 23699 976

Fax: [+202] 23695 260

E-mail: info@acrow.co

Alexandria Branch

27 Dr. mahmoud Daoud st.

Tel.: [+203] 4200 289

E-mail: acrowalex@acrow.co

MOROCCO

221 BVD Zerkouni , 3ème et 4ème

etage - B.N. 06/08, Casablanca

20100, Morocco

Tel. : [+212] 522 945 912

Mob. : [+212] 660 675 640

E-mail: acrowmorocco@acrow.co

ALGERIA

Siege Social, cité des travailleurs lot. 09

groupe 02 Dar El beida, Algiers

Tel.: +213 (0) 23 74 74 37

Tel.: +213 (0) 23 74 74 35

Fax: +213 (0) 23 74 74 37

E-mail: acrow-dz@acrow.co

NIGERIA

Block D, Plot 23, Water Corporation
drive, VI, Lagos.

Tel. : [+234] 818 0000 295

Mob. : [+234] 6061 7290 99

Email : acrownigeria@acrow.co

KENYA

Nairobi

Kiungani Rd, off Mombasa Rd,

Nairobi, Kenya

Tel. : [+254] 772324535

E-mail: acrowkenya@acrow.co

TANZANIA

Dar EsSalam

Oyster Bay Masaki, Dar EsSalam

Tel. : [+255] 768 696 314

E-mail: acrowtanzania@acrow.co

14 BRANCH

ASIA

KSA

Riyadh Office

Office No. 13A- Sultan Business Building

- Almaathar Ash shamali district - Sultan

Ben Abdulaziz Street - Riyadh

Tel. : [+966] 11 216 0504

Fax : [+966] 11 216 0503

Mob. : [+966] 55 001 2693

E-mail: acrowriyadh@acrow.co

Jeddah Office

Office No. 15 - 4th Floor - Zahid

Building - Alsalamah district - Mohamed

Ibrahim Masoud Street - Jeddah

Tel. : [+966] 12 691 7941

Fax : [+966] 12 275 1037

Mob. : [+966] 50 001 3206

E-mail: acrowjeddah@acrow.co

Dammam Office

Office 2, Alsalam Building, Madinat

Alummal Dist., King Fahd Road

Tel. : [+966] 13 805 4151

Fax : [+966] 11 216 0503

Mob. : [+966] 55 468 7057

E-mail: dammam@acrow.co

Madinah Al Munawwarah

Office 6, First Floor, Ghos Building, In

Front Of Saudi Post, Sultanah Street,

Almadinah

Tel. : [+966] 11 216 0504

Fax : [+966] 11 216 0503

Mob. : [+966] 55 775 8197

E-mail: almadinah@acrow.co

Tabuk City

Al Muruj District

Prince Mamdouh Bin Abdul Aziz Street

Building Name : Tabuk Business Center

Building No.2786

PO.Box : 47312

Second Floor , Office No.203

Tel. : [+966] 11 216 0504

Fax : [+966] 11 216 0503

Mob. : [+966] 55 001 2693

E-mail: acrowriyadh@acrow.co

UAE

Dubai

Office 1002, The Onyx Tower 2- The
greens - Dubai.

Tel. : [+971] 43439498

Fax : [+971] 43439598

Mob. : [+971] 528228811

E-mail: acrowgulf@acrow.co

Abu Dhabi

Office 816, Al Junaibi Tower, Al Muroor
Road - Abu Dhabi.

Mob. : [+971] 588113383

E-mail: acrowad@acrow.co



EUROPE

ROMANIA

Acrow SRL

Strada Intrarea Panduri 4, Rudeni 077046,
Romania

Mob. : [+40] 721 297 342

E-mail: acrow.romania@acrow.co

KUWAIT

Al Aridiyah , Block 2 , Building 92,
Kuwait Khalid Ali Al Kharafi &
Bros.Co.W.LL

Tel.: [+965] 22083000 – Ext [240]

Fax: [+965] 22083001

E-mail: acrowkuwait@acrow.co

BAHRAIN

Acrow Bahrain Co. W.L.L

Office 1718, building 1260, Road 2421
Block 324 , Juffair, Manama , Kingdom of Bahrain

Mob. : [+973] 35 176 860

E-mail: acrowbahrain@acrow.co

QATAR

Acrow Qatar

Salwa Road, Red Tag building,
1st floor, Doha
P.O. Box No.: 15104

Tel.: [+974] 44582357

Fax: [+974] 44582376

E-mail: acrowqatar@acrow.co

OMAN

Acrow LLC

Office 23, Bin Hayl 2 Building , Bawshar
St ,Muscat , Sultanate of Oman

Tel. : [+968] 24 112 791

Mob. : [+968] 92 543 734

E-mail: acrowmuscat@acrow.co

JORDAN

Jordan - Amman - Al Jandawil - Hosni
Subar Str - Building no 05 - Third Floor

Mob. : [+962] 797 603 936

E-mail: acrow.jordan@acrow.co