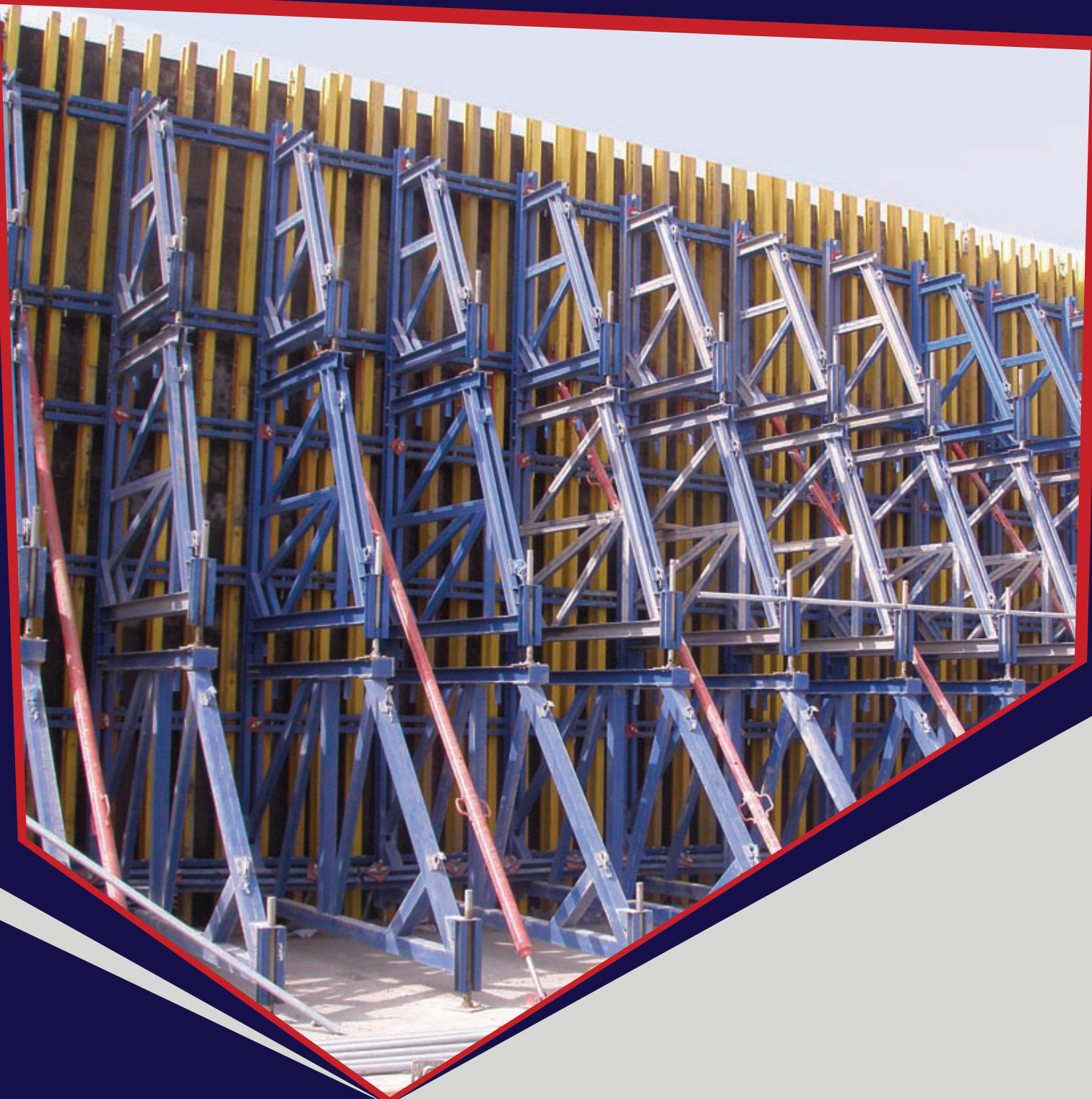




ACROW

Formwork Technology



Acrow One Side Shutter Formwork

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

ACROW
Formwork Technology





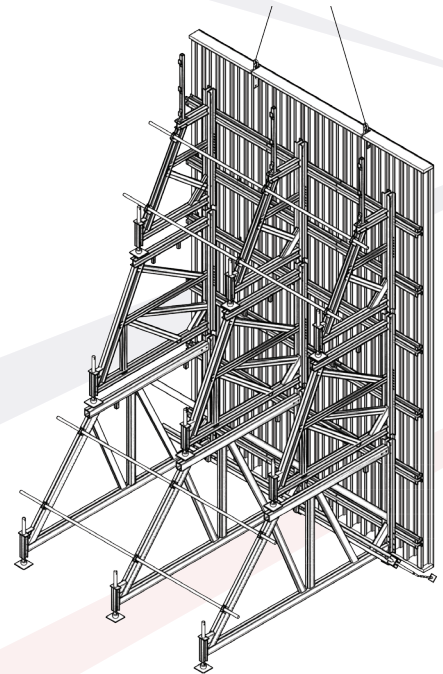


Contents

Introduction	2
Supporting Frame For Wall Height	3
Supporting Frame Overview	4
Soldier & Turn Buckle Up To 4 m	5
Application	7
Components	11

Introduction

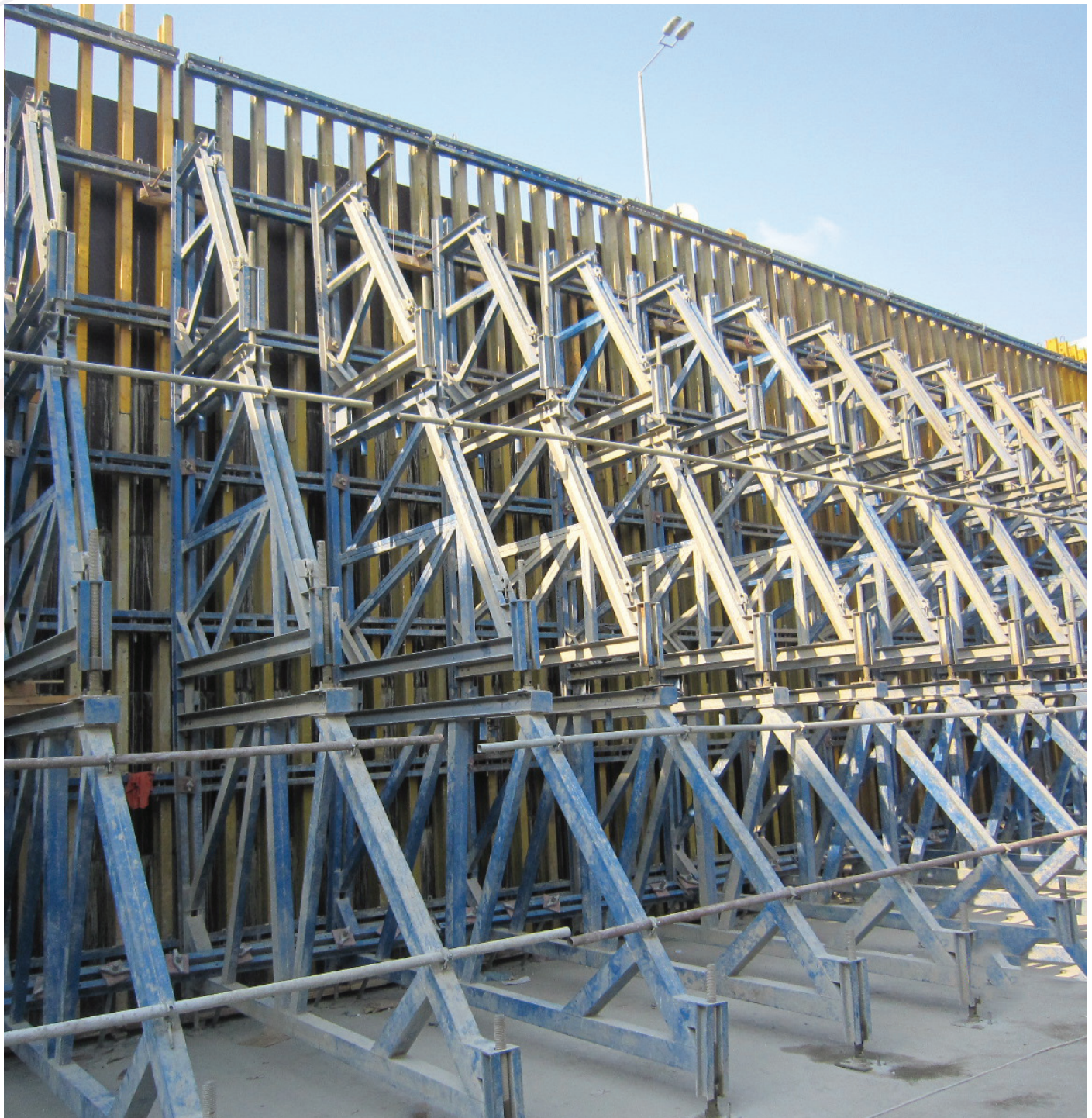
Due to long experience of Acrow misr as being enrolled in many major projects over the past 20 years, we are introducing our one sided wall shutter.



Supporting frame

Advantage for supporting frame for wall height up to 7.60 M:

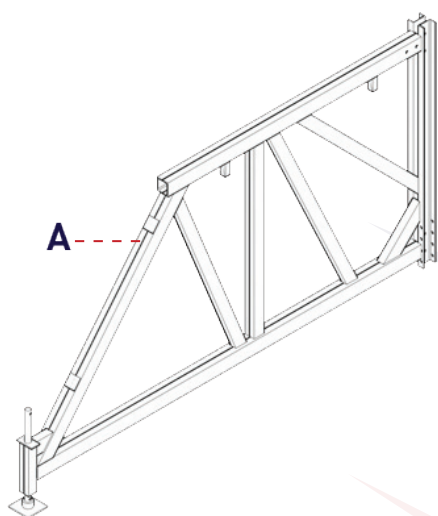
- The A, B, C acrow supporting frames with various combinations enables any wall height up to 7.60 m to be poured in one shot.
- For wall with variable heights, the A, B, C supporting frames can be separately used to shutter small heights, after that they can be connected together vertically to get a higher wall section.
- The modular supporting frames can be easily connected without the need of any additional parts.
- The top of any A, B, C supporting frame can be used as an access platform by adding handrail posts.
- The individual parts dimensions are fit for a lorry or sized container.
- It can be customized with different shuttering systems.
- Each frame can be braced using scaffolding tubes.



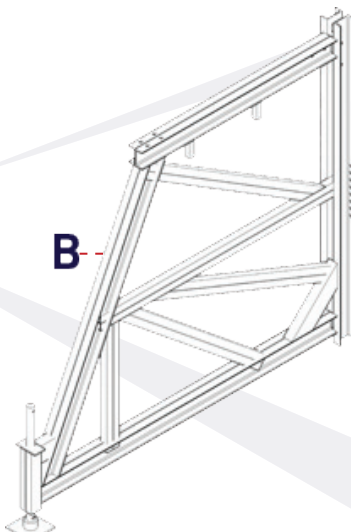
Supporting Frame Overview

The A, B, C supporting frames can be easily connected to get the variable heights in order to set the wall formwork height.

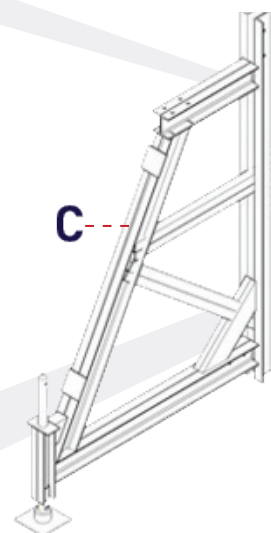
Different cases of using frame (A) or (B) or (C)



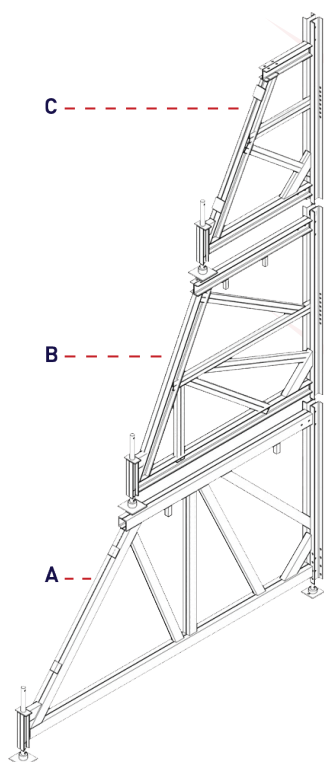
Supporting frame height = (2105) m
formwork height = (2600) m



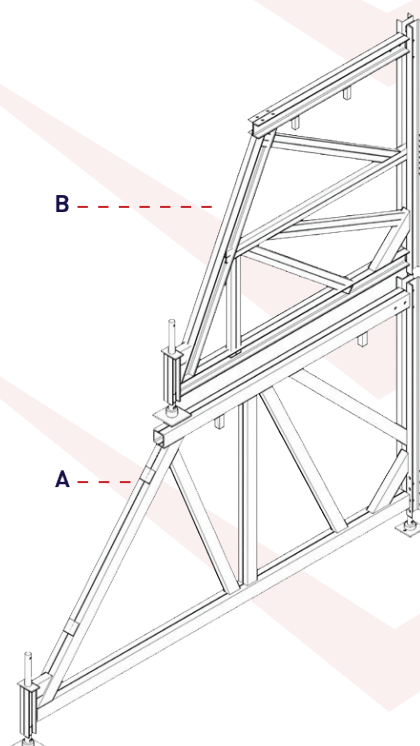
Supporting frame height = (2240) m
formwork height = (3000) m



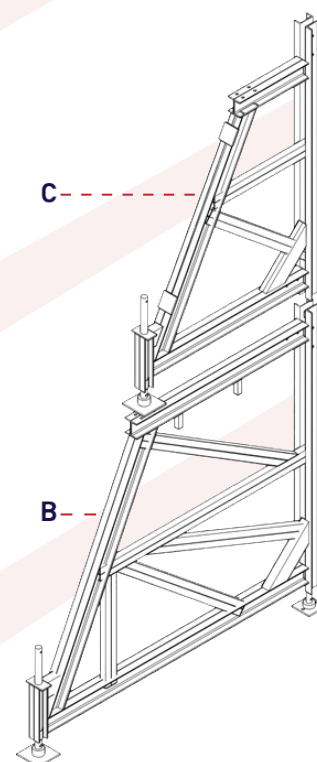
Supporting frame height = (2158) m
formwork height = (3000) m



connecting A,B and C to get formwork height (7600) m



connecting A and B to get formwork height (5000) m



connecting B and C to get formwork height (5000) m

Vertical Solider Up To 4.0 M

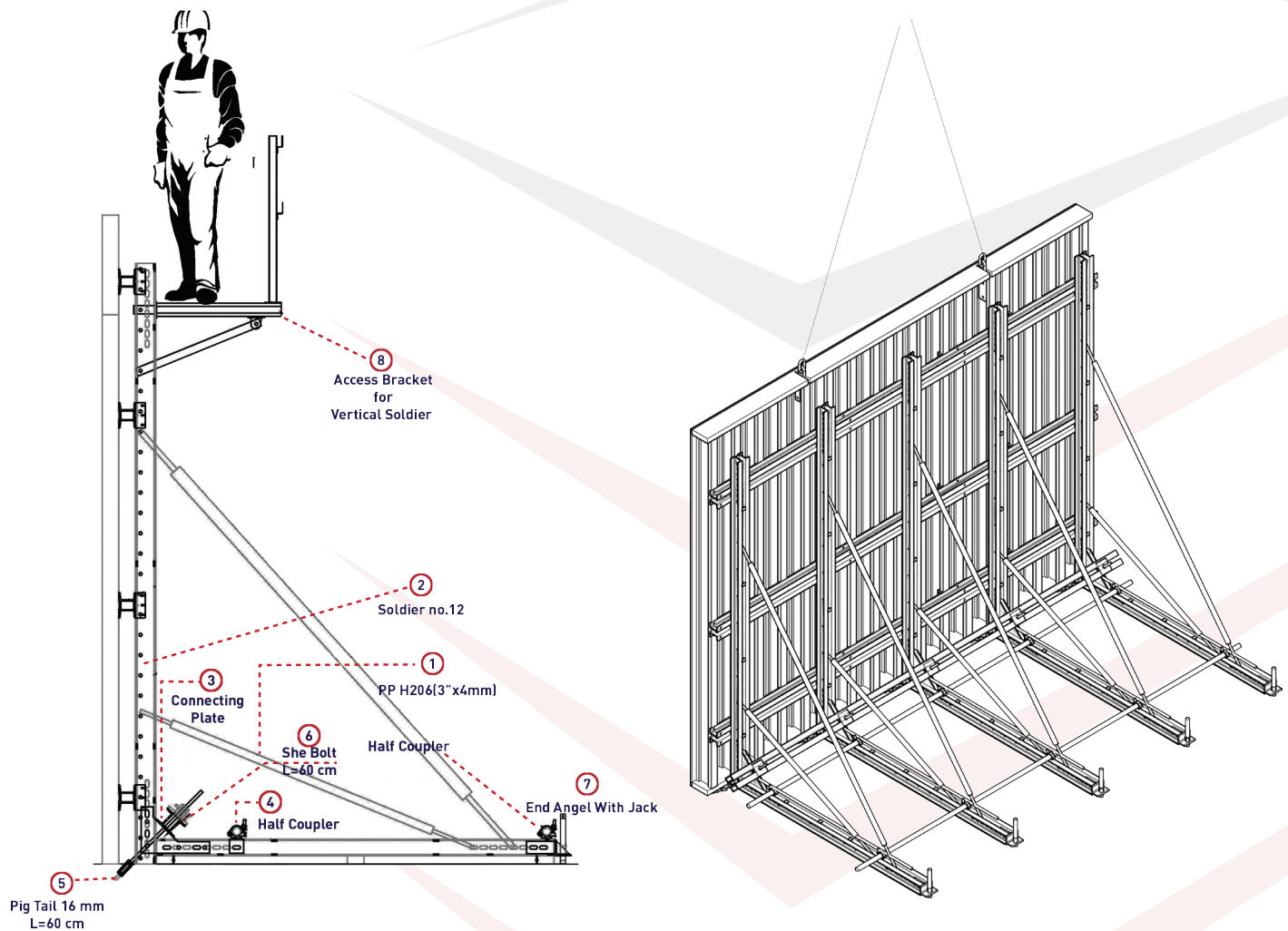
- Acrow one-sided wall form is strong and flexible. The distance between elements is calculated according to the wall height and the concrete pressure. The form is plumbed using jacks at the base
- Supporting elements transfer the forces through the anchors embedded in the concrete and the rear pressure jack on the bracket.



Vertical Solider Overview

Solider and turn buckle up to 4.00 m:

- PPH 206 (3»x4mm)
- Solider # 12
- Connecting plate
- Half coupler C/W bolt and nut
- Pigtail anchor
- She bolt C/W wing nut and steel washer
- Rear jack
- Access bracket for vertical solider



Applications

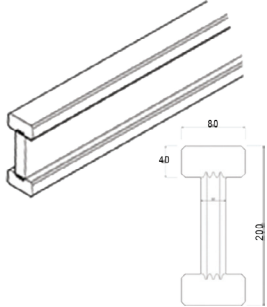
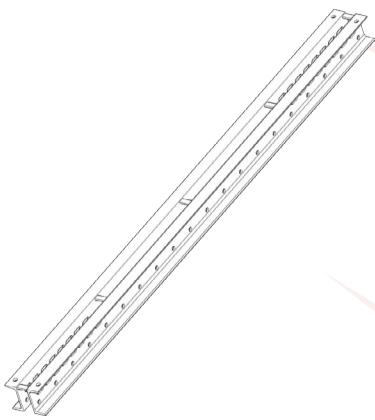
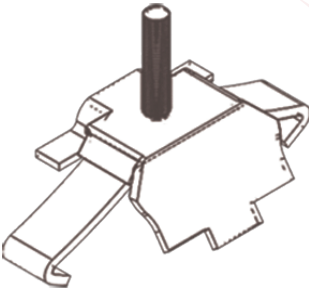
Vertical Soldier & Turn Buckle Up to 4.00m



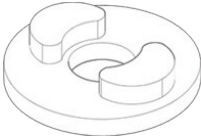
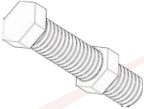
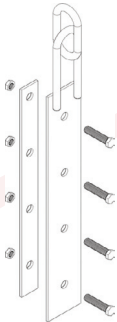
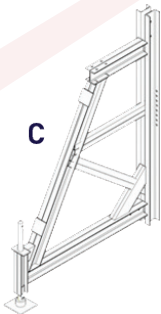
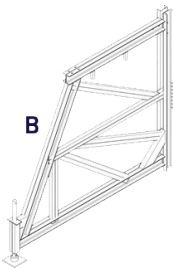
Supporting frame for wall height up to 7.60 m



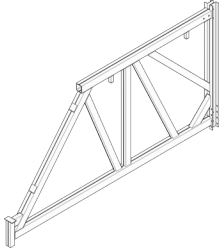
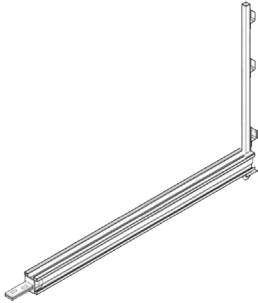
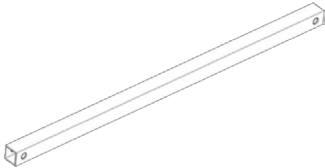
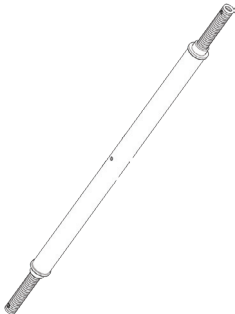
Components

Item	Description	Code no.	Weight (kg)
	Timber H20 Beam		
	Timber H20 L =2.50 m	6221177024062	11.25
	Timber H20 L =2.90 m	6221177024076	13.05
	Timber H20 L =3.30 m	6221177024093	14.85
	Timber H20 L =3.60 m	6221177024109	16.20
	Timber H20 L =3.90 m	6221177024116	17.55
	Timber H20 L =4.50 m	6221177024130	20.22
	Timber H20 L =4.90 m	6221177024147	22.05
	Timber H20 L =5.90 m	6221177024154	26.55
	Soldier I12 (slotted & Holes)		
	L= 1.17 m (slotted & Holes)	6221177020941	31.60
	L= 1.47 m (slotted & Holes)	6221177020958	39.70
	L= 1.78 m (slotted & Holes)	6221177020965	48.10
	L= 2.39 m (slotted & Holes)	6221177020972	64.50
	L= 3.00 m (slotted & Holes)	6221177033026	81.00
	L= 3.61 m (slotted & Holes)	6221177020989	97.50
	L= 4.22 m (slotted & Holes)	6221177020996	113.95
	L= 4.83 m (slotted & Holes)	6221177021009	130.45
	L= 5.44 m (slotted & Holes)	6221177021016	146.35
	L= 6.05 m (slotted & Holes)	6221177021023	163.35
	H20 Connection	6221177006891	0.70

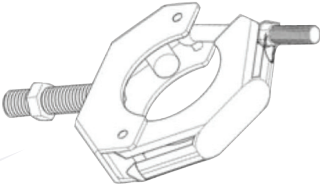
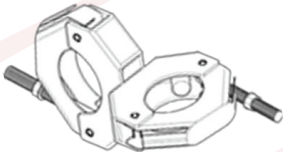
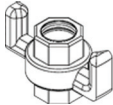
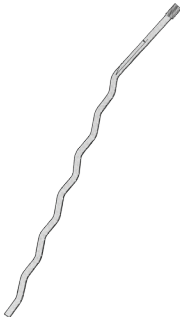
Components

Item	Description	Code no.	Weight (kg)
	COMPENSATION WASHER	6221177033200	0.126
	Bolt M 16 * 80 mm Bolt M 16 * 100 mm	2012090028596 2012060027918	0.087 0.10
	Crane splice (4holes)	6221177022167	4.00
	Strong Back (T1/3) C/W Jacks (A)	6221177028339	274.00
	Strong Back (T2/3) C/W Jacks (B)	6221177028325	320.00

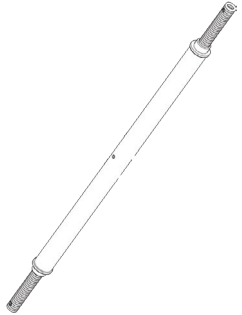
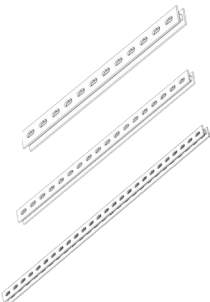
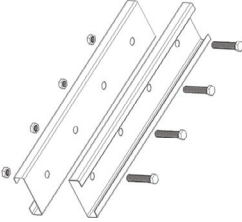
Components

Item	Description	Code no.	Weight (kg)
	Strong Back (T3/3) C/W Jacks (C)	6221177028312	410.00
	Access Bracket For Horizontal Solider	6221177003159	19.00
	Diagonal Tube For Access Bracket	6221177008840	5.370
	Turn Buckle For Access Bracket Push Pull PPS 131 Push Pull PPS 161 Push Pull PPS 201	6221177014254 6221177014278 6221177014292	9.00 9.83 13.14

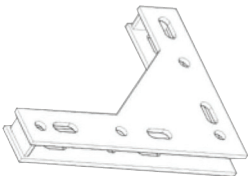
Components

Item	Description	Code no.	Weight (kg)
	Half Swivel Coupler	6221177006914	0.84
	Swivel Coupler	6221177006884	1.50
	Steel Washer 120 * 120 *10 Steel Washer 150 * 150 *15	6221177032739 6221177032746	1.08 2.53
	She Bolt Nut For (c.t.r) 16 She Bolt Nut For (c.t.r) 19 She Bolt Nut For (c.t.r) 22	6221177032753 6221177032760 6221177032777	0.44 0.77 0.96
	Pig Tail 16 L =60 cm Pig Tail 19 L =60 cm Pig Tail 22 L =60 cm	6221177032784 6221177032791 6221177032807	1.01 1.42 1.91

Components

Item	Description	Code no.	Weight (kg)
	She Bolt For (c.t.r) 16 mm L= 50 cm	6221177032814	1.90
	She Bolt For (c.t.r) 16 mm L= 60 cm	6221177032821	2.30
	She Bolt For (c.t.r) 19 mm L= 50 cm	6221177032838	2.40
	She Bolt For (c.t.r) 19 mm L= 60 cm	6221177032845	2.90
	She Bolt For (c.t.r) 22 mm L= 50 cm	6221177032852	3.15
	She Bolt For (c.t.r) 22 mm L= 60 cm	6221177032869	3.70
	Turn Buckle Heavy		
	Push Pull PPH304	6221177014117	34.32
	Push Pull PPH353	6221177014124	35.531
	Push Pull PPH354	6221177014131	38.11
	Push Pull PPH403	6221177014148	33.45
	Push Pull PPH404	6221177014155	35.65
	Push Pull PPH454	6221177014162	40.20
	Push Pull PPH501	6221177014179	43.15
	Tube 1.5" X 2.5 mm	2005030002701	3.37
	Splice 99 cm	6221177022273	9.95
	Splice 147 cm	6221177032562	14.78
	Splice 211 cm	6221177032579	21.20
	Girder splice 60cm (single)	6221177022174	2.30

Components

Item	Description	Code no.	Weight (kg)
	Rivet pin L =7.50 cm Rivet pin L =12.50 cm	6221177012281 6221177012304	0.118 0.20
	Spring clip large	6221177022617	0.03
	Small wedge	6221177027636	0.35
	Big wedge	6221177027629	0.85
	Connecting Plate	6221177006419	14.902

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