



PRODUCT MANUAL

WHOLE SCAFFOLDING & FORMWORK SYSTEM(DESIGN) SERVICE SUPPLIER

QUALITY BUILDS FUTURE

WHOLE SCAFFOLDING & FORMWORK SYSTEM(DESIGN) SERVICE SUPPLIER

HUNAN ADTO BUILDING MATERIALS GROUP CO., LTD.

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ADTOMALL



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PRODUCT MANUAL

WHOLE SCAFFOLDING & FORMWORK SYSTEM(DESIGN) SERVICE SUPPLIER

OUR HISTORY

1998

ADTO GROUP
WAS
FOUNDED.

2005

CHANGSHA XIANGJIA
METAL MATERIAL
TRADING CO.,LTD
WAS SET UP.

2008

HUBEI FACTORY
WAS BUILT.

2009

ADTO WAS AWARDED
"RECOMMENDED
PRODUCTS" BY
CHINA SCAFFOLDING
& FORMWORK
ASSOCIATION.

2010

ADTO GROUP BECAME
A MEMBER OF CHINA
FORMWORK
ASSOCIATION.

2011

TIANJIN FACTORY
WAS BUILT.

2012

ADTO GROUP WAS
AWARDED "EXCELLENT
ENTERPRISE" BY
CHINA SCAFFOLDING
& FORMWORK
ASSOCIATION.

2014

ADTO GROUP WAS
AWARDED "TOP
SCAFFOLDING
SALES
ENTERPRISE" OF
CHINA.

2015

ADTO GROUP ONCE
AGAIN WAS AWARDED
"EXCELLENT
ENTERPRISE" BY
CHINA SCAFFOLDING
& FORMWORK
ASSOCIATION.

2016

ADTO GROUP MOVED
TO ADTO BUILDING.

2017

ADTO RINGLOCK
SYSTEM WAS
AWARDED
"RECOMMENDED
PRODUCTS" BY
CHINA SCAFFOLDING
& FORMWORK
ASSOCIATION.

2019

ADTO BUSINESS
UNION LAUNCHED.

ADTO GROUP BRIEF INTRODUCTION

Hunan ADTO Building Materials Group CO.,Ltd.(hereafter abbreviated as ADTO Group) was established in 1998. It is a building materials supplier integrating R&D, production, sales and logistics. Its products include all kinds of scaffolding products, all types of formworks, include aluminum, steel, plastic and film faced plywood. For those products, we owns four advanced manufacturing bases, equipped with top line machines in Tianjin , Hubei and other two provinces.

For the past few years, we has been accredited with many honorable titles including Hunan Top 100 Private Enterprises, Hunan Top 3 Import & Export Private companies, Hunan Largest Hardware Building Materials Exporter and National Hi-Tech Enterprise. Credit to our advanced equipment and experienced staff, we are proudly to be the golden supplier and long-term strategic partner for many national companies such as Sinopec and Sinochem.

There are more than 10 subsidiaries under ADTO Group. The following are some of them: Hubei ADTO Aluminum Formwork Manufacturing Co.,Ltd. , Tianjin Heshunchang Scaffolding Manufacturing Co.,Ltd. , Changsha ADTO Electric Material Technology Co.,Ltd., Changsha ADTO Aluminum Formwork Engineering Co.,Ltd., Changsha Xiangjia Metal Material Trading Co., Ltd., Changsha HSS Import & Export Co.,Ltd.

Quality and safety builds future is ADTO Group's belief. Since the foundation of our group company, we have rapidly grown to be the scaffolding & aluminum formwork leading brand in China with more than 50 national patents. Our products, Ringlock scaffolding system, ringlock shoring system, tube & coupler system, frame scaffolding system, props, aluminum formwork, are labelled the recommended products by China Construction Materials Leasing Association.

Our products has been widely sold to 50 countries in Europe, America, Asia, Australia and Africa. More than 8000 foreign customers have enjoyed our first-class and leading level products. ADTO Group is now operating in full sale since 2012 and has access to the National Model Top Grade Enterprise for Scaffolding and Formwork, Billions of network enterprises award of ALIBABA and Hunan International Well Known Brand.

While making new progress, ADTO has accelerated the innovation on capital operation to reinforce its big vision on development. With continually carrying out its purpose of providing customers with safe and the most competitive construction products & service, fulfilling its humanity concept of being faithful, grateful and altruistic, ADTO strives to be a global comprehensive construction materials facilitator with first class competitiveness and influence, to make a secure, efficient, harmonious, grateful world with all constructors in this industry.

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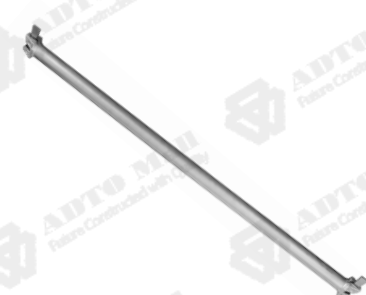
STANDARD

Code	Material	Length	Surface Treatment
ADTO01YPLG0013	Q345,48.3*3.2mm	500mm	Hot Dipped Galvanized
ADTO01YPLG0046	Q345,48.3*3.2mm	1000mm	Hot Dipped Galvanized
ADTO01YPLG0081	Q345,48.3*3.2mm	1500mm	Hot Dipped Galvanized
ADTO01YPLG0116	Q345,48.3*3.2mm	2000mm	Hot Dipped Galvanized
ADTO01YPLG0153	Q345,48.3*3.2mm	2500mm	Hot Dipped Galvanized
ADTO01YPLG0175	Q345,48.3*3.2mm	3000mm	Hot Dipped Galvanized
ADTO01YPLG0267	Q345,60*3.2mm	500mm	Hot Dipped Galvanized
ADTO01YPLG0268	Q345,60*3.2mm	1000mm	Hot Dipped Galvanized
ADTO01YPLG0269	Q345,60*3.2mm	1500mm	Hot Dipped Galvanized
ADTO01YPLG0270	Q345,60*3.2mm	2000mm	Hot Dipped Galvanized
ADTO01YPLG0271	Q345,60*3.2mm	2500mm	Hot Dipped Galvanized
ADTO01YPLG0272	Q345,60*3.2mm	3000mm	Hot Dipped Galvanized

Code	Material	Length	Surface Treatment
ADTO01YPML0018	SPIGOT FOR M48	Q235, 38*2.0*270mm	Hot Dipped Galvanized
ADTO01YPML0033	SPIGOT FOR M48	Q235,35*35*3.0*270mm	Hot Dipped Galvanized
ADTO01YPML0034	SPIGOT FOR M60	Q235, 50*2.5*300mm	Hot Dipped Galvanized

Code	Material	Length	Surface Treatment
ADTO01YPST0005	Base Collar	Q345, 57*3.5*280mm	Hot Dipped Galvanized
ADTO01YPST0019		Q345, 70*3.5*370mm	Hot Dipped Galvanized

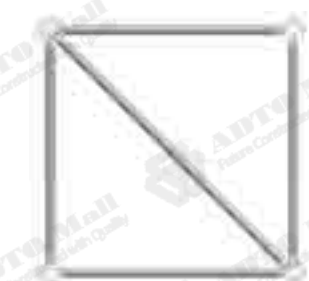
Code	Material	Length	Surface Treatment
ADTO01YPHG0078	Q235,48.3*3.2mm	600mm	Hot Dipped Galvanized
ADTO01YPHG0151	Q235,48.3*3.2mm	690mm	Hot Dipped Galvanized
ADTO01YPHG0268	Q235,48.3*3.2mm	900mm	Hot Dipped Galvanized
ADTO01YPHG0396	Q235,48.3*3.2mm	1200mm	Hot Dipped Galvanized
ADTO01YPHG0482	Q235,48.3*3.2mm	1500mm	Hot Dipped Galvanized
ADTO01YPHG0563	Q235,48.3*3.2mm	1800mm	Hot Dipped Galvanized
ADTO01YPHG0961	Q235,48.3*3.2mm	2072mm	Hot Dipped Galvanized
ADTO01YPHG0956	Q235,48.3*3.2mm	2572mm	Hot Dipped Galvanized
ADTO01YPHG0963	Q235,48.3*3.2mm	30 50mm	Hot Dipped Galvanized



Code	Material	Length	Surface Treatment
ADTO01YPMG1640	Q235,42x2.5mm	H 1500 L 600	Hot Dipped Galvanized
ADTO01YPMG1641	Q235,42x2.5mm	H 1500 L 900	Hot Dipped Galvanized
ADTO01YPMG1835	Q235,42x2.5mm	H 1500 L 1200	Hot Dipped Galvanized
ADTO01YPMG1643	Q235,42x2.5mm	H 1500 L 1500	Hot Dipped Galvanized
ADTO01YPMG1836	Q235,42x2.5mm	H 1500 L 1800	Hot Dipped Galvanized
ADTO01YPMG0986	Q235,48.3x2.5mm	H 2000 L 900	Hot Dipped Galvanized
ADTO01YPMG1092	Q235,48.3x2.5mm	H 2000 L 1200	Hot Dipped Galvanized
ADTO01YPMG1165	Q235,48.3x2.5mm	H 2000 L 1500	Hot Dipped Galvanized
ADTO01YPMG1242	Q235,48.3x2.5mm	H 2000 L 1800	Hot Dipped Galvanized
ADTO01YPMG1319	Q235,48.3x2.5mm	H 2000 L 2072	Hot Dipped Galvanized
ADTO01YPMG1456	Q235,48.3x2.5mm	H 2000 L 2572	Hot Dipped Galvanized
ADTO01YPMG1698	Q235 48.3x2.5mm	H 2000 L 3050	Hot Dipped Galvanized



Code	Material	Length	Surface Treatment
ADTO01YPMG0004	Q235,48.3*3.0mm	W900 L900	Hot Dipped Galvanized
ADT001YPMG0053	Q235,48.3*3.0mm	W1200 L1200	Hot Dipped Galvanized
ADTO01YPMG0072	Q235,48.3*3.0mm	W1500 L1500	Hot Dipped Galvanized
ADT001YPMG0119	Q235,48.3*3.2mm	W1800 L1800	Hot Dipped Galvanized



Code	Material	Length	Surface Treatment
ADTO01YPPJ0060	Q235,48.3*3.2mm	680mm	Hot Dipped Galvanized
ADTO01YPPJ0053	Q345,48.3*3.2mm	900mm	Hot Dipped Galvanized



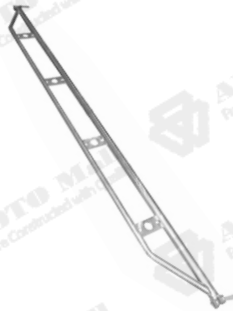
HEAVY TRUSS

Code	Material	Length	Surface Treatment
ADTO01YPHL0020	Q345,48.3*3.0mm	2072mm	Hot Dipped Galvanized
ADTO01YPHL0036	Q345,48.3*3.0mm	3050mm	Hot Dipped Galvanized
ADTO01YPHL0004	Q235,48.3*3.2mm	4140mm	Hot Dipped Galvanized
ADTO01YPHL0008	Q345,48.3*3.2mm	6000mm	Hot Dipped Galvanized



REINFORCED LEDGER

Code	Material	Length	Surface Treatment
ADTO01YPHG0869	Q235,48.3*3.2mm	1500mm	Hot Dipped Galvanized
ADTO01YPHG0872	Q345,48.3*3.2mm	1800mm	Hot Dipped Galvanized
ADTO01YPHG0893	Q235,48.3*3.2mm	2072mm	Hot Dipped Galvanized
ADTO01YPHG0913	Q235,48.3*3.2mm	3050mm	Hot Dipped Galvanized



INTERMEDIATE TRANSOM

Code	Material	Length	Surface Treatment
ADTO01YPCL0032	Q235,48.3*3.2mm	900mm	Hot Dipped Galvanized
ADTO01YPCL0043	Q235,48.3*3.2mm	1200mm	Hot Dipped Galvanized
ADTO01YPCL0053	Q235,48.3*3.2mm	1500mm	Hot Dipped Galvanized
ADTO01YPCL0062	Q235,42*2.4mm	1800mm	Hot Dipped Galvanized



U TRANSOM (U LEDGER)

Code	Material	Length	Surface Treatment
ADTO01YPHG0974	Q235B,53*48*2.5	732	Hot Dipped Galvanized
ADTO01YPYO1614	Q235B,53*48*2.5	1088	Hot Dipped Galvanized
ADTO01YPYO1617	Q235B,53*48*2.5	1400	Hot Dipped Galvanized
ADTO01YPYO1615	Q235B,53*48*2.5	1572	Hot Dipped Galvanized
ADTO01YPYO1618	Q235B,53*48*2.5	2072	Hot Dipped Galvanized
ADTO01YPYO1616	Q235B,53*48*2.5	2572	Hot Dipped Galvanized
ADTO01YPYO1619	Q235B,53*48*2.5	3072	Hot Dipped Galvanized



ALUMINUM STAIR

Code	Material	Length
ADTO01YPLTZ0001	Aluminum 6061-T6	L 2572 H 2000
ADTO01YPLTZ0002	Aluminum 6061-T6	L 3072 H 2000



TOWER-TYPE STAIR ACCESS

ADVANTAGES

- 1. Safe stair access which confirms to ergonomics;
- 2. Applicable to various construction projects;
- 3. Can be used as emergency evacuation access in public areas;
- 4. Single and double segment stairs can be chosen;
- 5. Easy to assemble and dismantle;
- 6. Few components;
- 7. Versatile design to ensure compatible with various scaffolds;
- 8. Concise design and high load-bearing capacity;



These tower-type stair accesses have a height range up to 24m. Height over 24 m depends on structural analysis.

MATERIALS REQUIRED PER A UNIT OF SIZE WIDTH 1800MM X LENGTH 3600MM (Total Weight: 507.52kg)

Components Name	Size (mm)	QTY (under24m)	SteelGrade	Weight(kg)
Standard	48.3×3.25×1000	10pcs in total	Q345B	4.84
① Standard	48.3×3.25×1200	10pcs in total	Q345B	6.12
Standard	48.3×3.25×2000	10pcs/floor	Q345B	9.69
Ledger	48.3×3.25×900	8pcs/floor	Q345B	4.28
Ledger	48.3×3.25×1800	5pcs/floor	Q345B	7.72
LevelDiagonal Brace	48.3×3.25×(L=900 W=900)	2pcs/floor	Q345B	5.17
Vertical Diagonal Brace	48.3×3.25×(L=1800 H=2000)	6pcs/floor	Q345B	11.63
Dismountable Stair Case	L=1800 H=2000	1set/floor	Q235	47.78
Catwalk	500×1800、240×1800	2pcs/floor each	Q235	16.24 7.85
Base Collar	57×3.5×280	10pcs in total	Q345B	1.64
Adjustable Jack Base	M38×600	10pcs in total	Q235	3.57

① P.S.: Either 1200mm standard or 1000mm standard with base collar can be chosen. They reach the same effect.

SCAFFOLD WORKING TOWER

ADVANTAGES

- 1. Multiple usages: outdoor or indoor scaffolding;
- 2. Modular design to ensure easy and safe to assemble
- 3. Movable when installed casters;
- 4. Big platform so easy to work;
- 5. Can be moved at one time by a crane or other lifting machines.

These working platforms have a height range up to 8m when used independently; when connecting with tubes, the height can be up to 24m.



MATERIALS REQUIRED PER A UNIT OF SIZE 1200MM X 1800MM (Total Weight: 249.83kg)

Components Name	Size (mm)	QTY (under8m)	SteelGrade	Weight(kg)
Standard	48.3×3.25×1000	4pcs in total	Q345B	4.84
③ Standard	48.3×3.25×1200	4pcs in total	Q345B	6.12
Standard	48.3×3.25×2000	4pcs/floor	Q345B	9.69
Ledger	48.3×3.25×1200	6pcs/floor	Q345B	5.43
Ledger	48.3×3.25×1800	6pcs/floor	Q345B	7.72
Vertical Diagonal Brace	48.3×3.25×(L=1800 H=2000)	2pcs/floor	Q345B	11.63
Monkey Ladder	W=300 H=2000	1pcs/floor	Q235	5.75
Foldable Catwalk	L=1800 H=500	1set/floor	Q235	22.24
Catwalk	500×1800	1pcs/floor	Q235	16.24
Base Collar	57×3.5×280	4pcs in total	Q345B	1.64
Adjustable Base Jack	M38×600	4pcs in total	Q235	3.57

③ P.S.: Either 1200mm standard or 1000mm standard with base collar can be chosen. They reach the same effect.

ADTO COMMON RINGLOCK SHORING SYSTEM

ADVANTAGES

- 1. Modular design to ensure assembling and dismantling easily and fast;
- 2. Concise design and high loading capacity
- 3. Compressive strength up to 400KN;
- 4. Versatile components can be used in outdoor scaffolding or access towers;
- 5. Standard components, easy to maintain.

MATERIALS REQUIRED PER A UNIT OF SIZE 1500MM×1500MM(Total Weight: 208.3kg)

Components Name	Size (mm)	QTY	SteelGrade	Weight(kg)
Standard	60×3.25×2000	4pcs / floor	Q345B	11.97
④ Standard	60×3.25×1200	4pcs in total	Q345B	7.53
Ledger	48.3×3.25×1500	4pcs / floor	Q345B	6.53
Diagonal Brace	48.3×3.25×(L=1500 H=1500)	4pcs / floor	Q345B	9.43
Level Diagonal Brace	48.3×3.25×(L=1500 W=1500)	2pcs in total	Q345B	8.59
Base Collar	57×3.5×370	4pcs in total	Q345B	2.58
Base Jack	M48×600	4pcs in total	Q235	4.51
U Head Jack	M48×600	4pcs in total	Q235	5.23

④ P.S.: Either 1200mm standard or base collars can be chosen. They reach the same effect.

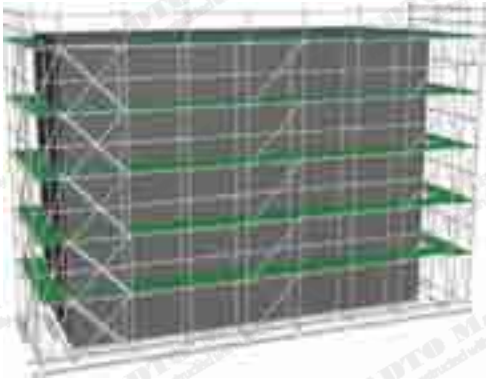


ADTO RINGLOCK SCAFFOLDING SYSTEM

RINGLOCK SCAFFOLDING SYSTEM DESIGN AND DESCRIPTION

Components required for a project of Length:12m, width:3.5m, Height:10m

N0.	Components Nane	Sizes (mm)	Quantity	Unit
1	Standard	48.3x3.25x2000	140	pc
2	Standard	48.3x3.25x1000	18	pc
3	Ledger	48.3x3.25x1800	198	pc
4	Ledger	48.3x3.25x900	120	pc
5	Diagonal Brace	48.3x3.25x1800x2000	25	pc
6	Diagonal Brace	48.3x3.25x900x2000	20	pc
7	Catwalk	240x45x1800	22	pc
8	Catwalk	500x50x1800	20	pc
9	Catwalk	240x50x900	4	pc
10	Catwalk	500x50x900	4	pc
11	Case	1800x2000x450	5	pc
12	Base Collar	57x3.25x280	28	pc
13	Adjustable U head Jack	M38x600	28	pc
14	Wall Connecting Part	two-step,three-span		



DESIGN EFFECT SKETCH
(CBM:200CBM STEEL VOLUME:3TONS)



CUPLOCK SYSTEM

Material: Q235B,Q345B
Tube: 48.3mm
Surface treatment: Self finish, painted, hot dipped galvanized
Thickness: 2.75~4.0mm
Compliance Standard : BS12811-2003

CUPLOCK STANDARD(VERTICAL)

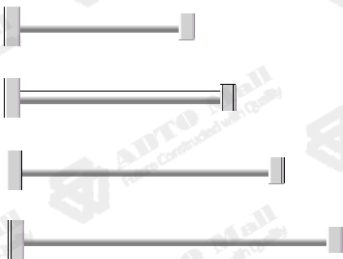
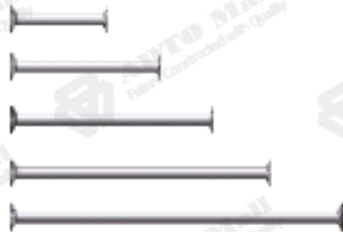
Cuplock standards are provided in nine basic size with cup joints welded at 500mm intervals. the surface can be painted orgalvanized. The captive mobile top cups are drop forged steel or malleable castings which endure rough site handing. whilethe fixed bottom cups are pressed from high quality steel.

Code	Length(m)	Weight(kg)	
		Self Finish	Hot Dipped Galvanized
ADTO01WKLG0001	L=0.50	2.42	2.57
ADTO01WKLG0009	L=1.00	4.84	5.13
ADTO01WKLG0017	L=1.50	7.25	7.69
ADTO01WKLG0031	L=2.00	9.67	10.25
ADTO01WKLG0038	L=2.50	12.08	12.81
ADTO01WKLG0048	L=3.00	14.5	15.37

SPIGOT CONNECTOR

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

Code	Length	Weight(kg)	
		Self Finish	Hot Dipped Galvanized
ADTO001WKML0001	0.25m	0.69	0.73



CUPLOCK LEDGER(HORIZONTAL)

The cuplock system utilizes a carefully selected range of ledger sizes to meet the varied demands of grids used in generalsupport of formwork, many of these can also be used for access structures. each has forged blade(or pressed blade)endswith the minimum projection to resist site damage.

Code	Length(m)	Weight(kg)	
		Self Finish	Hot Dipped Galvanized
ADTO01WKHG0006	L=0.60	2.38	2.52
ADTO01WKHG0015	L=0.90	3.44	3.65
ADTO01WKHG0023	L=1.20	4.51	4.78
ADTO01WKHG0027	L=1.30	4.87	5.16
ADTO01WKHG0036	L=1.80	6.65	7.05
ADTO01WKHG0045	L=2.50	9.14	9.69

INTERMEDIATE TRANSON

They are used where scaffold boards require intermediate support between the span of two ledgers, they have an integrallocking device to prevent movement during use.

Code	Length(m)	Weight(kg)	
		Self Finish	Hot Dipped Galvanized
ADTO01WKCL0008	1.2	5.96	6.32
ADTO01WKCL0011	1.3	6.32	6.70
ADTO01WKCL0016	1.8	8.10	8.59
ADTO01WKCL0020	2.5	10.66	11.30

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 ineach joint, parallel bracing is employed.

Code	Specification	Weight(kg)	
		Self Finish	Hot Dipped Galvanized
ADTO01WKMG0002	H1.5L1.8*48.3*3	5.96	6.32
ADTO01WKMG0003	H1.5L2.5*48.3*3	6.32	6.70
ADTO01WKMG0004	H2.0L1.8*48.3*3	8.10	8.59
ADTO01WKMG0005	H2.0L2.5*48.3*3	10.66	11.30

SIDE BOARD SUPPORT

Code	Length(m)	Weight(kg)
ADTO001WKPJ0005	0.26	1.5
ADTO001WKPJ0012	0.52	2.4



BOARD/BEAM EXTENSION BRACKET

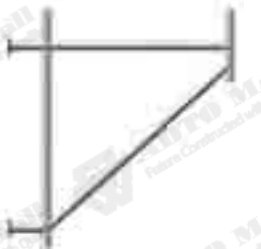
Designed to increase the overall width of the working platform by supporting two or three additional board beyond the inner face of the scaffold. It incorporates a cup joint at the outer end to allow the fitting of an inside ledger and a socket to support a handrail post.

Code	Description	Length(m)	Weight(kg)
ADTO01WKPJ0002	2 board	0.565	6.3
ADTO01WKPJ0014	3board	0.795	7.7



BEAM BRACKET

Code	Length(m)	Weight(kg)
ADTO01WKPJ0003	1	3.9
ADTO01WKPJ0015	1.5	5.3



CANTILEVER BEAM FRAME

Code	Length(m)	Weight(kg)
ADTO01WKPJ0004	1	15.7
ADTO01WKPJ0016	1.5	17.6



CANTILEVER FRAME

Code	Length(m)	Weight(kg)
ADTO01WKPJ0013	1	15.7
ADTO01WKPJ0019	1.5	17.6



Top cup
ADTO01WKPJ0009

Material: Malleable casting Iron; drop forged steel.
Type: 3 lugs&4 lugs.
Weight: 0.41kg-0.46kg.
Finish: self color.



Bottom cup
ADTO01WKPJ0010

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



Ledger Blade
ADTO01WKPJ0018 ADTO01WKPJ0011

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



KWIKSTAGE SYSTEM

AUSTRAL AND SOUTH AFRICA TYPE

Material: Q235B, Q345B
Surface treatment: Painted, Hot dipped galvanized

KWIKSTAGE STANDARD

Code	Material	Length	Suface Finish	Standard
ADTO01XXLG0029	Q235,48.3×4mm	3.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXLG0024	Q235,48.3×4mm	2.5m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXLG0019	Q235,48.3×4mm	2.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXLG0014	Q235,48.3×4mm	1.5m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXLG0010	Q235,48.3×4mm	1.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXLG0007	Q235,48.3×4mm	0.5m	Hot Dipped Galvanized	AS/NZS 1576



KWIKSTAGE LEDGER

Code	Material	Length	Suface Finish	Standard
ADTO01XXHG0015	Q235,48.3×3.2mm	3.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0013	Q235,48.3×3.2mm	2.4m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0007	Q235,48.3×3.2mm	1.8m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0011	Q235,48.3×3.2mm	1.2m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0009	Q235,48.3×3.2mm	1.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0008	Q235,48.3×3.2mm	0.8m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0006	Q235,48.3×3.2mm	0.7m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXHG0005	Q235,48.3×3.2mm	0.5m	Hot Dipped Galvanized	AS/NZS 1576



KWIKSTAGE TRANSOM

Code	Material	Length	Suface Finish	Standard
ADTO01XXJG0006	Q235,50×50×5mm	2.4m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0005	Q235,50×50×5mm	1.8m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0004	Q235,50×50×5mm	1.2m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0021	Q235,50×50×5mm	1.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0001	Q235,50×50×5mm	0.8m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0003	Q235,50×50×5mm	0.7m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXJG0002	Q235,50×50×5mm	0.5m	Hot Dipped Galvanized	AS/NZS 1576



KWIKSTAGE DIAGONAL BRACE

Code	Material	Length	Surface Finish	Standard
ADTO01XXMG0011	Q235,48.3×3.2mm	3.6m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXMG0008	Q235,48.3×3.2mm	3.2m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXMG0006	Q235,48.3×3.2mm	2.7m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXMG0001	Q235,48.3×3.2mm	2.1m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXMG0004	Q235,48.3×3.2mm	1.7m	Hot Dipped Galvanized	AS/NZS 1576



KWIKSTAGE TIE BAR

Code	Material	Length	Finish	Standard
ADTO01XXPJ0018	Q235,40×40×4mm	2.4m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXPJ0013	Q235,40×40×4mm	1.8m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXPJ0009	Q235,40×40×4mm	1.2m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXPJ0007	Q235,40×40×4mm	1.0m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXPJ0003	Q235,40×40×4mm	0.7m	Hot Dipped Galvanized	AS/NZS 1576
ADTO01XXPJ0002	Q235,40×40×4mm	0.5m	Hot Dipped Galvanized	AS/NZS 1576



KWIKSTAGE STEEL BOARD

Code	Material	Length	Finish	Standard
ADTO01TBAB0328	230×63mm	540mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0329	230×63mm	740mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0330	230×63mm	1030mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0331	230×63mm	1250mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0333	230×63mm	1810mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0335	230×63mm	2420mm	Hot Dipped Galvanized	AS/NZS 1577
ADTO01TBAB0338	230×63mm	3070mm	Hot Dipped Galvanized	AS/NZS 1577



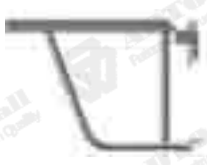
KWIKSTAGE ACCESSORIES



Hop Up Bracket(one Board)
ADTO01XXPJ0042



Hop Up Bracket (two Board)
ADTO01XXPJ0047



Hop Up Bracket (three Board)
ADTO01XXPJ0054



Wall Tie
ADTO01XXPJ0001



Toe Board Bracket
ADTO01XXPJ0061



Aluminum Stair
ADTO01XXTG0004



Ladder Access Transom
ADTO01XXPJ0025



Steel Stillage
ADTO01XXPJ0071



Stillage Cage
ADTO01XXPJ0065



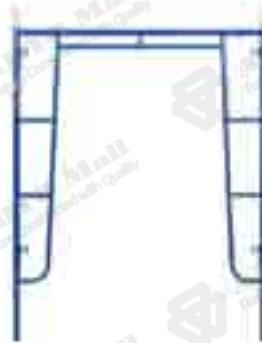
Brick Guard
ADTO01XXPJ0035

FRAME SYSTEM

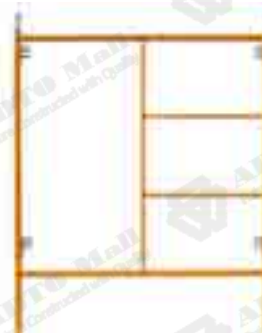
AMERICAN FRAME

AMERICAN STYLE SCAFFOLD

Code	Commodities and Description	Weight(lbs)
ADTO01MBMS0002	5'×6'4" WALK THRU FRAME	47.19lbs
ADTO01MBMS0018	5'×6'7" WALK THRU FRAME	48.92lbs
ADTO01MBMS0001	3'x4' WALK THRU FRAME	24.91lbs
ADTO01MBMS0010	3'x6'7" WALK THRU FRAME	40.52lbs
ADTO01MBMS0015	5'×6'4" BOX FRAME	46.28lbs
ADTO01MBMS0017	5'×6'7" BOX FRAME	45.86lbs



Code	Commodities and Description	Weight(lbs)
ADTO01MBMG0116	7'x4' Punch Hole Cross Brace	13.01lbs
ADTO01MBMG0110	8'x4' Punch Hole Cross Brace	12.83lbs
ADTO01MBMG0134	7'x3'x4' Double Punch Hole Cross Brace	13.00lbs
ADTO01MBMG0135	7'x4' Snap-on Cross Brace	12.50lbs
ADTO01MBMG0136	8'x4' Snap-on Cross Brace	13.78lbs
ADTO01MBMG0137	10'x4' Snap-on Cross Brace	16.33lbs




Snap On


Drop Lock


Flip Lock

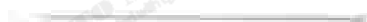

Speed Lock


C-lock


V-lock


Canadian Lock

Code	Commodities and Description	Weight(lbs)
ADTO01MBPJ0007	5' Punch Hole Guard Rail	5.11lbs
ADTO01MBPJ0008	7' Punch Hole Guard Rail	7.12lbs
ADTO01MBPJ0009	10' Punch Hole Guard Rail	11.01lbs



Code	Commodities and Description	Weight(lbs)
ADTO01MBPJ0010	5' Snap On Guard Rail	5.97lbs
ADTO01MBPJ0011	7' Snap On Guard Rail	7.96lbs
ADTO01MBPJ0012	10' Snap On Guard Rail	11.91lbs



FRAME SCAFFOLDING ACCESSORIES



ADTO01MBMS0020
2'x6' Steel
Access Ladder



ADTO01MBPJ0021
Ladder Bracket



ADTO01MBPJ0013
Guard Rail Post



ADTO01MBPJ0001
Side Bracket



ADTO01MTBT0064
Stairway Unit



ADTO01MBML0054
Coupling Pin-A



ADTO01MBML0053
Coupling Pin-B



ADTO01MBML0018
Coupling Pin-C



ADTO01MBPJ0018
Gravity Lock Pin



ADTO01MBPJ0019
Span Pin



ADTO01MBPJ0017
Roll Pin



ADTO01MBPJ0020
Spring Retainer Clip



ADTO01MBPJ0015
Toggle Pin



ADTO01MBPJ0016
Rivet Pin

MULTI-FUNCTIONAL SCAFFOLD



ADTO01MBMS0019
Baker scaffold



ADTO01MBPJ0005
Guardrail sets



ADTO01MBPJ0006
18" Outrigger



ADTO01PJCM0080
5" caster

Description	Finish	Quantity (pcs)	Unit Weight (lbs)	Total Weight (lbs)
29"W x 65"H Ladder Frame	Powder Coat	2	24.93	49.86
60"L Platform Truss	Powder Coat	2	21.6	43.2
Plywood Platform	Powder Coat	1	29.65	29.65
5" Caster	Electric Galv.	4	5.07	20.28
Safety Snap Pin	Electric Galv.	8	0.13	1.04
Carton Package				8.81
Total:				152.84

STEEL TUBE WITH FITINGS

Item No.	Description	OD	Weight(LBS)	Surface Finish
ADTO01KJAM0005	4' Steel Tube w/Fittings	1.9"	9.68	Hot Dipped Galvanized
ADTO01KJAM0006	6' Steel Tube w/Fittings	1.9"	13.47	Hot Dipped Galvanized
ADTO01KJAM0007	8' Steel Tube w/Fittings	1.9"	17.24	Hot Dipped Galvanized
ADTO01KJAM0008	10' Steel Tube w/Fittings	1.9"	21.01	Hot Dipped Galvanized
ADTO01KJAM0009	13' Steel Tube w/Fittings	1.9"	26.65	Hot Dipped Galvanized
ADTO01KJAM0010	16' Steel Tube w/Fittings	1.9"	32.32	Hot Dipped Galvanized



SIDEWALK SHED

SIDEWALK BRIDGE LEG

Code	Specification	Weight (lbs)	Surface Finish
ADTO01ZCMS0027	8' Bridge Legs	64.56	Hunter Green/Galvanized
ADTO01ZCMS0043	9' Bridge Legs	66.20	Hunter Green/Galvanized
ADTO01ZCMS0029	10' Bridge Legs	71.83	Hunter Green/Galvanized
ADTO01ZCMS0031	11' Bridge Legs	77.73	Hunter Green/Galvanized
ADTO01ZCMS0033	12' Bridge Legs	83.39	Hunter Green/Galvanized
ADTO01ZCMS0035	13' Bridge Legs	89.00	Hunter Green/Galvanized
ADTO01ZCMS0037	14' Bridge Legs	94.63	Hunter Green/Galvanized
ADTO01ZCMS0039	16' Bridge Legs	106.00	Hunter Green/Galvanized
ADTO01ZCMS0041	20' Bridge Legs	128.98	Hunter Green/Galvanized



HORIZONTAL GIRT

Code	Specification	Weight (lbs)	Surface Finish
ADTO01ZCMS0003	3' Gurtz Green	4.20	Hunter Green/Galvanized
ADTO01ZCMS0007	8' Gurtz Green	10.80	Hunter Green/Galvanized



DIAGONAL BRACE

Code	Specification	Weight (lbs)	Surface Finish
ADTO01ZCMS0012	10'4" Diagonal Brace	9.7	Hunter Green/Galvanized



CORRUGATED SHEET

Code	Specification	Weight (lbs)	Surface Finish
ADTO01ZCMS0017	8' Corrugated Sheet	21.00	Hot Dipped Galvanized
ADTO01ZCMS0015	10' Corrugated Sheet	26.30	Hot Dipped Galvanized
ADTO01ZCMS0016	12' Corrugated Sheet	31.70	Hot Dipped Galvanized



HEAD CLIP

Code	Specification	Weight (lbs)	Surface Finish
ADTO01ZCMS0014	Head Clip	3	E-Galvanized



ALUMINUM SCAFFOLD PLANKS

Code	Product Description	Weight (Lbs)
ADTO07LBTB0001	3'L x19.25"W Aluminum Plank	14.5
ADTO07LBTB0002	4'L x19.25"W Aluminum Plank	18.2
ADTO07LBTB0003	5'L x19.25"W Aluminum Plank	21.8
ADTO07LBTB0004	6'L x19.25"W Aluminum Plank	25.4
ADTO07LBTB0005	7'L x19.25"W Aluminum Plank	29.1
ADTO07LBTB0026	8'L x19.25"W Aluminum Plank	32.7
ADTO07LBTB0006	9'L x19.25"W Aluminum Plank	36.3
ADTO07LBTB0007	10'L x19.25"W Aluminum Plank	39.9



PLYWOOD SCAFFOLD PLANKS

Code	Product Description	Weight (Lbs)
ADTO07LBMB0001	3'L x19"W Plywood Plank	17.4
ADTO07LBMB0002	4'L x19"W Plywood Plank	22.2
ADTO07LBMB0003	5'L x19"W Plywood Plank	25.7
ADTO07LBMB0004	6'L x19"W Plywood Plank	30.8
ADTO07LBMB0005	7'L x19"W Plywood Plank	35.7
ADTO07LBMB0006	8'L x19"W Plywood Plank	37.7
ADTO07LBMB0007	9'L x19"W Plywood Plank	42.9
ADTO07LBMB0008	10'L x19"W Plywood Plank	45.4



STEEL SCAFFOLD PLANKS WITH FLAT HOOK

Code	Product Description	Weight (Lbs)
ADTO01TBAC0322	3'L x9"W Steel Plank	13.6
ADTO01TBAC0323	4'L x9"W Steel Plank	17.7
ADTO01TBAC0324	5'L x9"W Steel Plank	21.7
ADTO01TBAC0325	6'L x9"W Steel Plank	25.8
ADTO01TBAC0326	7'L x9"W Steel Plank	29.8
ADTO01TBAC0327	8'L x9"W Steel Plank	33.9
ADTO01TBAC0328	9'L x9"W Steel Plank	38.0
ADTO01TBAC0329	10'L x9"W Steel Plank	42.0



MAIN FRAME

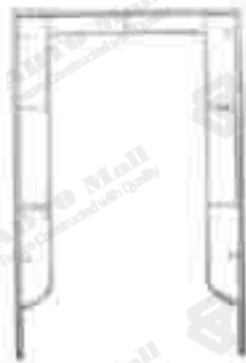
WALK THROUGH FRAME

Material: Pre-galvanized Steel pipes or Q235 steel pipes
Surface: Above code are for Pre-galvanized surface.



TYPE 1

Code	Width x Height	Weight
ADTO01MBMA0130	1219*1930mm(42*2.2mm, 25*1.5mm)	15.2kg
ADTO01MBMA0131	1219*1930mm(42*2.0mm, 25*1.5mm)	14.3 kg
ADTO01MBMA0056	1219*1700mm(42*2.2mm, 25*1.5mm)	13.7 kg
ADTO01MBMA0057	1219*1700mm(42*2.0mm, 25*1.5mm)	12.8 kg
ADTO01MBMA0026	914*1930mm(42*2.0mm, 25*1.5mm)	13.4kg



TYPE 2

Code	Width x Height	Weight
ADTO01MBMA0009	1219*1700mm (42*2.2mm,25*1.5mm)	13.4 kg
ADTO01MBMA0064	1219*1700mm (42*2.0mm,25*1.5mm)	12.6 kg
ADTO01MBMA0032	1219*1524mm (42*2.2mm,25*1.5mm)	12.4 kg
ADTO01MBMA0038	1219*1524mm (42*2.0mm,25*1.5mm)	11.4 kg
ADTO01MBMA0016	914*1700mm(42*2.0mm,25*1.5mm)	12.3kg



MASON FRAME

Material: Pre-galvanized Steel pipes or Q235 steel pipes
Surface: Above code are for Pre-galvanized surface.



TYPE 1

Code	Width x Height	Weight
ADTO01MBMA0349	1219*1930mm (42*2.2, 25*1.5mm)	16.4kg
ADTO01MBMA0341	1219*1930mm (42*2.0, 25*1.5mm)	15.2kg
ADTO01MBMA0317	1219*1700mm (42*2.2, 42*2.0mm)	16.8kg
ADTO01MBMA0320	1219*1700mm (42*2.2, 25*1.5mm)	14.6kg
ADTO01MBMA0318	1219*1700mm (42*2.0, 25*1.5mm)	13.5kg
ADTO01MBMA0197	914*1700mm (42*2.2, 25*1.5mm)	13.0kg

TYPE 2

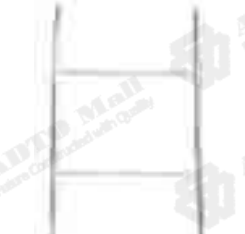
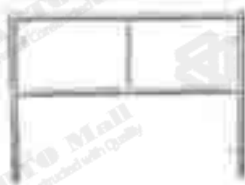
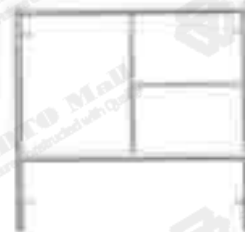
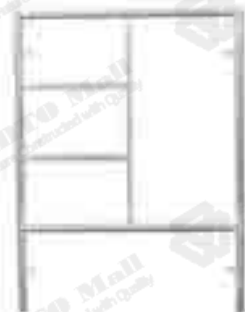
Code	Width x Height	Weight
ADTO01MBMA0053	1219*1524mm (42*2.0, 25*2.0mm)	23.7 kg
ADTO01MBMA0287	1219*1219mm (42*2.2, 25*1.5mm)	11.7 kg
ADTO01MBMA0285	1219*1219mm (42*2.0, 25*1.5mm)	10.8 kg
ADTO01MBMA0194	914*1524mm (42*2.0, 25*1.5mm)	10.9 kg

TYPE 3

Code	Width x Height	Weight
ADTO01MBMA0227	1219*914mm (42*2.2, 42*2.2mm)	10.0 kg
ADTO01MBMA0234	1219*914mm (42*2.2, 25*1.5mm)	8.0 kg
ADTO01MBMA0231	1219*914mm (42*2.0, 25*1.5mm)	8.7 kg
ADTO01MBMA0185	914*914mm (42*2.2, 25*1.5mm)	7.9 kg

HORIZONTAL FRAME

Code	Width x Height	Weight
ADTO01MBMA0377	1050 x 1829mm (Main tube:42*1.8mm, Other tube: 25*1.4mm)	8.6kg
ADTO01MBMA0373	1050 x 1829mm (Main tube: 42*2.0mm, Other tube: 42*1.8mm)	11.2kg



CROSS BRACE

Code	AxBxC	Weight
ADTO01MBMG0010	1219*1524*1952mm(21.3*1.5mm)	2.9 kg
ADTO01MBMG0099	1219*1219*1724mm(21.3*1.5mm)	2.5 kg
ADTO01MBMG0058	1219*1829*2198mm(21.3*1.5mm)	3.2 kg
ADTO01MBMG0100	610*1219*1363mm(21.3*1.5mm)	2.0 kg
ADTO01MBMG0101	610*1219*1928mm(21.3*1.5mm)	2.8 kg
ADTO01MBMG0029	914*1829*2045mm(21.3*1.5mm)	3.0 kg
ADTO01MBMG0031	914*1219*1524mm(21.3*1.5mm)	2.3 kg



LOCK PIN

Code	DiameterxLength	Weight
ADTO001MBPJ0023	12*45mm	0.04kg



JOINT PIN

Code	Outer DiameterxLength	Weight
ADTO01MBML0040	36*225mm(Y)	0.34kg
ADTO01MBML0034	36*225mm(N)	0.34kg



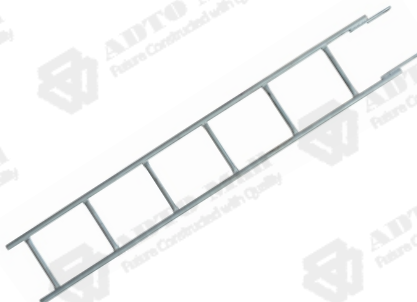
STAIR CASE

Code	WidthxLengthxHeight	Weight
ADTO01MTBT0038	W450* 2677mm(L1829*H1955mm)	25.55kg
ADTO01MTBT0027	W450* 2515mm(L1829*H1725mm)	23.34kg
ADTO01MTBT0009	W450* 2370mm (L1500*H2000mm)	23.31kg
ADTO01MTBT0046	W450* 2828.4mm(L2000 *H2000mm)	26.18 kg
ADTO01MTBT0016	W1000* 2690.7mm(L1800*H2000mm)	52.02kg
ADTO01MTBT0047	W1000* 2828mm (L2000 *H2000mm)	52.59kg



MONKEY LADDER

Code	WidthxLength	Weight
ADTO01MTGT0025	300*2000mm(25*1.5,25*1.5mm)	5.7kg
ADTO01MTGT0001	300*3000mm(25*1.5,25*1.5mm)	7.9kg
ADTO01MTGT0018	300*4000mm(25*1.5,25*1.5mm)	10.3kg
ADTO01MTGT0015	300*6000mm(32*2.0,25*1.5mm)	22.1kg



TUBE AND COUPLER SYSTEM

SCAFFOLDING TUBE

BS1139-1990/EN 39-2001 STANDARD GALVANIZED SCAFFOLDING TUBE

Code	Specification
ADTO02GCJG0030	48.3*3.2*6000mm
ADTO02GCJG0033	48.3*4.0*6000mm

JIS G3444-2004 STANDARD GALVANIZED SCAFFOLDING TUBE

Code	Specification	Material
ADTO02GCJG0025	48.6*2.2*6000mm	STK500
ADTO02GCJG0026	48.6*2.4*6000mm	STK500
ADTO02GCTK0006	48.6*2.2*6000mm	STK400
ADTO02GCTK0012	48.6*2.4*6000mm	STK400

OTHER SIZES COMMONLY USED FOR SCAFFOLDING MATERIALS

Code	OD(mm)	Wall Thickness (mm)	Length(m)	Surface Finish
ADTO02GCJG0067	38	3.8	6	Black
ADTO02GCJG0068	38	4.0	6	Black
ADTO02GCJG0069	42.3	1.8	6	Black
ADTO02GCJG0070	42.3	2.0	6	Black
ADTO02GCJG0071	42.3	2.2	6	Black
ADTO02GCJG0072	48.3	1.6	6	Black
ADTO02GCJG0001	48.3	1.8	6	Black
ADTO02GCJG0002	48.3	2.0	6	Black
ADTO02GCJG0006	48.3	2.75	6	Black
ADTO02GCJG0007	48.3	3.0	6	Black
ADTO02GCJG0073	60.3	1.6	6	Black
ADTO02GCJG0012	60.3	1.8	6	Black
ADTO02GCJG0013	60.3	2.0	6	Black

Remarks: hot dipped galvanized, pregalvanized and painted surface are available.

SCAFFOLDING COUPLERS

 British Pressed Double Coupler 48.3mm/0.83-0.87kg ADTO01KJEN0004	 British Pressed Swivel Coupler 48.3mm/1.02-1.05kg ADTO01KJEN0003	 British Sleeve Coupler 48.3mm/1.0kg ADTO01KJEN0002	 Pressed Putlog Coupler 48.3mm/0.62kg ADTO01KJEN0007
 110° Pressed Swivel Coupler 48.6mm/0.58-0.65kg ADTO01KJJI0003	 110° Pressed Double Coupler 48.6mm/0.58-0.65kg ADTO01KJJI0005	 90° Pressed Swivel Coupler 48.6mm/0.59-0.65kg ADTO01KJKO0002	 90° Pressed Double Coupler 48.6mm/0.59-0.65kg ADTO01KJKO0007
 JIS Swivel Girder Clamp 48.6mm/0.98kg ADTO01KJJI0004	 Pressed Limpet Coupler 0.32kg ADTO01KJEN0006	 Ladder Clamp 48.3mm/0.5kg ADTO01KJEN0001	 British Inner Joint Pin 48.3mm/0.72kg ADTO01KJEN0008
 British Drop Forged Double Coupler 48.3mm/0.97-1.05kg ADTO01KJEN0013	 British Drop Forged Swivel Coupler 48.3mm/1.12-1.25kg ADTO01KJEN0012	 Drop Forged Half Coupler 48.3mm/0.9kg ADTO01KJAM0013	 Drop Forged Joint Pin 48.3mm/1.1kg ADTO01KJEN0017
 Girder Coupler 48.3mm/1.5kg ADTO01KJEN0010	 Board Retaining Coupler 48.3mm/0.61-0.63kg ADTO01KJEN0009	 Ladder Clamp 48.3mm/0.50kg ADTO01KJEN0014	 Drop Forged Putlog Coupler 48.3mm/0.63kg ADTO01KJEN0015
 US Drop Forged Double Coupler 1.5kg ADTO01KJAM0002	 US Drop Forged Swivel Coupler 1.8kg ADTO01KJAM0001	 German Drop Forged Double Coupler 1.07kg ADTO01KJGE0002	 German Drop Forged Swivel Coupler 1.27kg ADTO01KJGE0001



SCAFFOLD & FORMWORK ACCESSORIES

STEEL BOARD

Available Size:0.5m to 4m (other sizes are available on request)
Material:Pre-galvanized steel strip
Compliance Standard: BS EN 12811-1:2003, 2004 AS/NZS1577:2013

TYPE 1 STEEL PLANK

Code	Width x Height x Thickness x Length	Weight
ADTO01TBAB0024	210x 45 x 1.2 x 1000mm	3.6kg
ADTO01TBAB0026	210 x 45 x 1.2 x 2000mm	7.0kg
ADTO01TBAB0028	210 x 45 x 1.2 x 3000mm	10.4kg
ADTO01TBAB0029	210 x 45 x 1.2 x 4000mm	13.8kg

ADTO01TBAB0085	240 x 45 x 1.2 x 1000mm	4.0kg
ADTO01TBAB0087	240 x 45 x 1.2 x 2000mm	7.7kg
ADTO01TBAB0089	240x 45 x 1.2 x 3000mm	11.4kg
ADTO01TBAB0090	240 x 45 x 1.2 x 4000mm	15.1kg

ADTO01TBAB0148	250 x 50 x 1.2 x 1000mm	4.2kg
ADTO01TBAB0150	250 x 50 x 1.2 x 2000mm	8.1kg
ADTO01TBAB0152	250 x 50 x 1.2 x 3000mm	12.0kg
ADTO01TBAB0153	250 x 50 x 1.2 x 4000mm	15.9kg

ADTO01TBAB0200	250 x 40 x 1.2 x 1000mm	4.0kg
ADTO01TBAB0202	250 x 40 x 1.2 x 2000mm	7.7kg
ADTO01TBAB0204	250 x 40 x 1.2 x 3000mm	11.4kg
ADTO01TBAB0205	250 x 40 x 1.2 x 4000mm	15.2kg

Code	Width x Height x Thickness x Length	Weight
ADTO01TBAB0328	230 x 63 x 1.8 x 540mm	3.8kg
ADTO01TBAB0329	230 x 63 x 1.8 x 740mm	5.0kg
ADTO01TBAB0330	230 x 63 x 1.8 x 1030mm	6.6kg
ADTO01TBAB0331	230 x 63 x 1.8 x 1250mm	7.9kg
ADTO01TBAB0333	230 x 63 x 1.8 x 1810mm	11.6kg
ADTO01TBAB0335	230 x 63 x 1.8 x 2420mm	15.0kg
ADTO01TBAB0338	230 x 63 x 1.8 x 3070mm	18.7kg



Code	Width x Height x Thickness x Length	Weight
ADTO01TBAB0258	225 x 38 x 1.5 x 1000mm	4.5kg
ADTO01TBAB0260	225 x 38 x 1.5 x 2000mm	8.7kg
ADTO01TBAB0262	225 x 38 x 1.5 x 3000mm	13.0kg
ADTO01TBAB0286	225 x 38 x 1.5 x 4000mm	17.2kg

ADTO01TBAB1046	225 x 38 x 1.8 x 1000mm	5.3kg
ADTO01TBAB1048	225 x 38 x 1.8 x 2000mm	10.4kg
ADTO01TBAB0268	225 x 38 x 1.8 x 3000mm	15.4kg
ADTO01TBAB1051	225 x 38 x 1.8 x 4000mm	20.5kg

ADTO01TBAB0270	225 x 38 x 2.0 x 1000mm	5.8kg
ADTO01TBAB0272	225 x 38 x 2.0 x 2000mm	11.5kg
ADTO01TBAB0274	225 x 38 x 2.0 x 3000mm	17.1kg
ADTO01TBAB0275	225 x 38 x 2.0 x 4000mm	22.7kg

TYPE 2 - CATWALK

Available Size: 0.5m to 3m (other sizes areavailable on request)

Material: Pre-galvanized steel strip

Compliance Standard: BS EN 12811-1:2003, EN1004:2004; AS/NZS 1577: 2013

Code	Width x Height x Thickness x Length	Weight
ADTO01TBAC0152	210 x 45 x 1.5 x 1800mm	8.8kg
ADTO01TBAC0155	210 x 45 x 1.5 x 2000mm	9.7kg
ADTO01TBAC0317	210 x 45 x 1.5 x 2400mm	11.4kg
ADTO01TBAC0160	240 x 45 x 1.5 x 900mm	5.3kg
ADTO01TBAC0162	240 x 45 x 1.5 x 1200mm	6.6kg
ADTO01TBAC0164	240 x 45 x 1.5 x 1500mm	8.1kg
ADTO01TBAC0305	250 x 50 x 1.5 x 1500mm	9.0kg
ADTO01TBAC0306	250 x 50 x 1.5 x 1800mm	10.5kg
ADTO01TBAC0307	250 x 50 x 1.5 x 2000mm	11.4kg
ADTO01TBAC0211	300 x 50 x 1.5 x 600mm	5.2kg
ADTO01TBAC0214	300 x 50 x 1.5 x 1200mm	7.9kg
ADTO01TBAC0218	300 x 50 x 1.5 x 1829mm	11.7kg
ADTO01TBAC0057	420 x 45 x 1.2 x 1500mm	11.4kg
ADTO01TBAC0072	420 x 45 x 1.2 x 2000mm	14.7kg
ADTO01TBAC0004	420 x 45 x 1.2 x 1829mm	13.6kg
ADTO01TBAC0015	450 x 45 x 1.2 x 1829mm	13.5kg
ADTO01TBAC0100	480 x 45 x 1.2 x 900mm	7.8kg
ADTO01TBAC0081	480 x 45 x 1.2 x 1200mm	9.9kg
ADTO01TBAC0083	480 x 45 x 1.2 x 1500mm	12.7kg
ADTO01TBAC0277	500 x 50 x 1.2 x 1500mm	13.7kg
ADTO01TBAC0286	500 x 50 x 1.2 x 1800mm	16.2kg
ADTO01TBAC0035	500 x 50 x 1.2 x 1829mm	15.3kg



TYPE 3 - STEEL PLANK WITH HOOK

Code	Width x Height x Thickness x Length	Weight
ADTO01TBAC0236	230 x 63 x 1.8 x 914mm	6.7kg
ADTO01TBAC0224	230 x 63 x 1.8 x 1200mm	8.0kg
ADTO01TBAC0225	230 x 63 x 1.8 x 1219mm	8.2kg
ADTO01TBAC0344	230 x 63 x 1.8 x 1300mm	8.7kg
ADTO01TBAC0226	230 x 63 x 1.8 x 1500mm	9.7kg
ADTO01TBAC0227	230 x 63 x 1.8 x 1524mm	10.4kg
ADTO01TBAC0229	230 x 63 x 1.8 x 1800mm	11.5 kg
ADTO01TBAC0051	230 x 63 x 1.8 x 1829mm	12.2 kg
ADTO01TBAC0230	230 x 63 x 1.8 x 2070mm	13.0kg
ADTO01TBAC0231	230 x 63 x 1.8 x 2134mm	14.1kg
ADTO01TBAC0232	230 x 63 x 1.8 x 2400mm	14.9kg
ADTO01TBAC0233	230 x 63 x 1.8 x 2438mm	15.9kg
ADTO01TBAC0234	230 x 63 x 1.8 x 2743mm	17.7 kg
ADTO01TBAC0235	230 x 63 x 1.8 x 3048mm	19.6 kg



TYPE 4 - STEEL PLANK WITH HOOK

Code	Width x Height x Thickness x Length	Weight
ADTO01TBAC0330	230 x 63 x 1.8 x 600mm	4.5kg
ADTO01TBAC0332	230 x 63 x 1.8 x 900mm	6.2kg
ADTO01TBAC0322	230 x 63 x 1.8 x 914mm	6.3kg
ADTO01TBAC0334	230 x 63 x 1.8 x 1200mm	7.9kg
ADTO01TBAC0323	230 x 63 x 1.8 x 1219mm	8.1kg
ADTO01TBAC0344	230 x 63 x 1.8 x 1300mm	8.5kg
ADTO01TBAC0337	230 x 63 x 1.8 x 1500mm	9.6kg
ADTO01TBAC0324	230 x 63 x 1.8 x 1524mm	9.8kg
ADTO01TBAC0238	230 x 63 x 1.8 x 1800mm	11.3kg
ADTO01TBAC0325	230 x 63 x 1.8 x 1829mm	11.5kg
ADTO01TBAC0329	230 x 63 x 1.8 x 2134mm	13.8kg
ADTO01TBAC0328	230 x 63 x 1.8 x 2438mm	15.5kg
ADTO01TBAC0327	230 x 63 x 1.8 x 2743mm	17.2kg
ADTO01TBAC0326	230 x 63 x 1.8 x 3048mm	19.0kg



TYPE 5 - DECKS (O-TYPE & U TYPE)

Code	Item	Width x Height x Length
ADTO01TBAC0346	O-Steel Deck Fit with tublar transom/Ledger HDG	320 x 76mm x 0.73m
ADTO01TBAC0347		320 x 76mm x 0.75m
ADTO01TBAC0348		320 x 76mm x 1.09m
ADTO01TBAC0349		320 x 76mm x 1.57m
ADTO01TBAC0350		320 x 76mm x 2.07m
ADTO01TBAC0351		320 x 76mm x 2.57m
ADTO01TBAC0352		320 x 76mm x 3.07m
ADTO01TBAC0353		320 x 76mm x 0.73m
ADTO01TBAC0355	U-Steel Deck Fit with U transom/Ledger HDG	320 x 76mm x 0.75m
ADTO01TBAC0354		320 x 76mm x 1.09m
ADTO01TBAC0356		320 x 76mm x 1.57m
ADTO01TBAC0357		320 x 76mm x 2.07m
ADTO01TBAC0358		320 x 76mm x 2.57m
ADTO01TBAC0359		320 x 76mm x 3.07m



ADJUSTABLE STEEL PROP

Material: Q235 Steel Pipe
Surface: E-galvanized, pre-galvanized,hot dipped galvanized, paint and powder-coated are available.

HEAVY DUTY PROP

Code	Min	Max	Internal Tube	External Tube
ADTO01ZCGC0023	1.8m	3.5m	48*2.0mm	60*2.0mm
ADTO01ZCGC0041	2.0m	3.6m	48*2.0mm	60*2.0mm
ADTO01ZCGC0004	2.2m	3.9m	48*2.0mm	60*2.0mm
ADTO01ZCGC0013	2.2m	4.0m	48*2.0mm	60*2.0mm
ADTO01ZCGC0042	3.0m	5.0m	48*3.0mm	60*3.0mm

LIGHT DUTY PROP

Code	Min	Max	Internal Tube	External Tube
ADTO01ZCGC0043	1.7m	3.0m	40*1.8mm	48*1.8mm
ADTO01ZCGC0044	1.8m	3.2m	40*1.8mm	48*1.8mm
ADTO01ZCGC0045			48*1.8mm	56*1.8mm
ADTO01ZCGC0046	2.0m	3.6m	40*1.8mm	48*1.8mm
ADTO01ZCGC0047			48*1.8mm	56*1.8mm
ADTO01ZCGC0048	2.2m	3.9m	48*1.8mm	56*1.8mm
ADTO01ZCGC0049	2.2m	4.0m	40*1.8mm	48*1.8mm
ADTO01ZCGC0050			48*1.8mm	56*1.8mm

PUSH-PULL PROP

Code	Min	Max	Internal Tube	External Tube
ADTO01ZCGC0051	2.2m	4.1m	48*2.0mm	60*2.0mm
ADTO01ZCGC0052	2.5m	4.5m	48*2.0mm	60*2.0mm
ADTO01ZCGC0053	3.0m	5.0m	48*2.0mm	60*2.0mm

PUSH-PULL PROP

						
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



ADJUSTABLE SCREW JACK

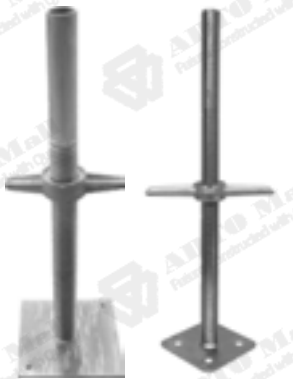
Surface: Painted, Electro-galvanized, Hot Dipped Galvanized.

BASE JACK

Code	Product Description	Specification	Weight
ADTO01SGPB0013	Solid Base Jack	Screw Jack: 30*400mm, Base plate: 120*120*4mm	2.61kg
ADTO01SGPB0011		Screw Jack: 30*600mm, Base plate: 120*120*4mm	3.58 kg
ADTO01SGPB0054		Screw Jack: 32*400mm, Base plate: 120*120*5mm	3.06kg
ADTO01SGPB0031		Screw Jack: 32*600MM, Base plate: 120*120*4mm	4.01kg
ADTO01SGPB0003		Screw Jack 34*610mm Base Plate: 150*150*6mm	5.4kg
ADTO01SGPB0098		Screw Jack: 34*400MM, Base plate: 120*120*4mm	3.25kg
ADTO01SGPB0071		Screw Jack: 34*600MM, Base plate: 120*120*4mm	4.51kg
ADTO01SGPB0128	Hollow Base Jack	Screw Jack: 38*4*600mm, Base plate: 150*150*5mm	3.39kg
ADTO01SGPB0168		Screw Jack: 38*4*660mm, Base plate: 150*150*6mm	3.77kg
ADTO01SGPB0166		Screw Jack: 38*4*760mm, Base plate: 150*150*5mm	3.93kg
ADTO01SGPB0235		Screw Jack: 48*4*600mm, Base plate: 150*150*6mm	4.51kg
ADTO01SGPB0243		Screw Jack: 48*4*900mm, Base plate: 150*150*6mm	5.97kg

U HEAD JACK

Code	Product Description	Specification	Weight
ADTO01SGUB0017	Solid U Head Jack	Screw Jack: 30*400mm, Base plate: 150*150*50*4mm	3.35kg
ADTO01SGUB0008		Screw Jack: 30*600mm,Base plate: 150*120*50*4mm	4.08kg
ADTO01SGUB0052		Screw Jack: 32*400mm,Base plate: 120*120*50*4mm	3.28kg
ADTO01SGUB0056		Screw Jack: 32*600MM,Base plate: 150*120*50*4mm	4.55kg
ADTO01SGUB0093		Screw Jack: 34*400MM,Base plate: 105*100*50*4mm	3.44kg
ADTO01SGUB0065	Hollow U Head Jack	Screw Jack: 34*600MM,Base plate: 150*120**50*4mm	5.01kg
ADTO01SGUB0120		Screw Jack: 38*4*600mm,Base plate: 150*150*50*5mm	3.99kg
ADTO01SGUB0132		Screw Jack: 38*4*660mm,Base plate: 170*150*80*6mm	5.04kg
ADTO01SGUB0130		Screw Jack: 38*4*760mm,Base plate: 165*150*50 *5mm	4.61kg
ADTO01SGUB0191		Screw Jack: 48*4*600mm,Base plate: 150*150*50*8mm	5.23kg
ADTO01SGUB0200		Screw Jack: 48*4*900mm,Base plate: 200*200*50*8mm	8.68kg





LADDER BEAM

STEEL LADDER BEAM

Available Size: Other sizes are available.
Material: Q235 Steel pipes
Surface: Hot dipped galvanized, painted

Code	Specification	Weight
ADTO01HLLA0004	300*1000mm(48.3*4.0mm, 48.3*4.0mm)	12.8kg
ADTO01HLLA0008	300*2000mm(48.3*4.0mm, 48.3*4.0mm)	24.5kg
ADTO01HLLA0012	300*3000mm(48.3*4.0mm, 48.3*4.0mm)	38.0kg
ADTO01HLLA0040	300*4000mm(48.3*4.0mm, 48.3*4.0mm)	50.3kg
ADTO01HLLA0019	300*6000mm(48.3*4.0mm, 48.3*4.0mm)	76.0kg
ADTO01HLLA0003	300*1000mm(48.3*3.2mm, 48.3*3.2mm)	10.0kg
ADTO01HLLA0007	300*2000mm(48.3*3.2mm, 48.3*3.2mm)	20.0kg
ADTO01HLLA0011	300*3000mm(48.3*3.2mm, 48.3*3.2mm)	30.960
ADTO01HLLA0015	300*4000mm(48.3*3.2mm, 48.3*3.2mm)	40.960
ADTO01HLLA0045	300*6000mm(48.3*3.5mm, 48.3*3.5mm)	65.7kg



ALUMINUM LADDER BEAM

Material: 6082-T6

Code	Specification	Weight
ADTO01HLLA0082	731.7*3000mm (48.3*4.5mm, 48.3*2.6mm)	16.60kg
ADTO01HLLA0083	731.7*4000mm(48.3*4.5mm, 48.3*2.6mm)	21.9kg
ADTO01HLLA0084	731.7*5000mm (48.3*4.5mm, 48.3*2.6mm)	27.21kg
ADTO01HLLA0085	450*6000mm (48.3*4.5mm, 48.3*2.6mm)	28.25kg



ACCESSORIES

FORMWORK ACCESSORIES

TIE ROD

Code	Specification	Material
ADTO01PJCM0107	12mm*6m	Q235
ADTO01PJCM0108		45#
ADTO01PJCM0109	17mm*6m	Q235
ADTO01PJCM0110		45#



Washer Plate
0.57kg
ADT001PJCM0067



Tie Nut
0.9kg
ADT001PJCM0056



Wing Nut
0.28kg
ADT001PJCM0050



Tie Nut
0.60kg
ADT001PJCM0053



Steel Cone
0.615kg
ADT001PJCM0061



Water Stop
0.48kg
ADT001PJCM0071



Hexagonal Long Nut
0.21kg
ADT001PJCM0060



PVC PIPE
ADTO03PJVP0001



Wedge and Pin
0.02-0.22kg



Steel prop
10-12kg



Flat Tie
0.2-0.8kg



Pull push PROP
20-25kg



Waler Coupler
0.61kg



Waler
50*50/40*60mm



Pvc Sleeve
0.3-0.4kg/m



Spacer
50*50mm/0.2-0.4kg

FORMWORK PRODUCTS



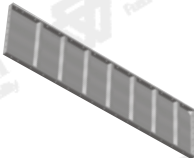
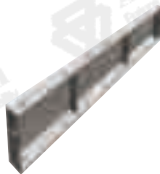
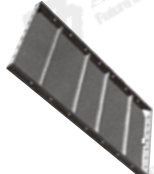
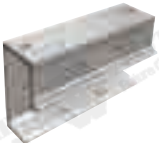
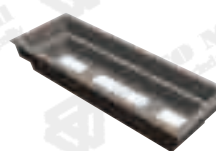
ALUMINUM FORMWORK SYSTEM

FAST BUILD SOLUTION FOR SHEAR WALL STRUCTURE

AADTOSC7300005AF



ALUMINUM FORMWORK COMPONENTS

 WALL PANEL Wall panel and Cylinder panel Components. Standard wall panel and non-standard wall panel are both used.	 INNER CORNER Main component which connect the panel of inner corner.	 BEAM PANEL Connect the wall panel and the top wall panel.	 END OF WALL PANEL PANEL COVER Shape like WEP, and it was set on the beam.	 WALL PANEL Use for top wall and have both standard and non-standard type.
 BEAM SLAB ARCH Connect the wall panel and tower panel	 MIDDLE BEAM It's a beam for floor building and it was used for connect the wall panel when install the floor.	 JOIN BAR Supporting materials when using MB and EB for install the floor with props.	 FLOOR INNER CORNER Inner component for connect the wall panel and top floor panel.	 FLOOR OUTER CORNER Outer component for connect the wall panel and top floor panel.
 WALL END PANEL Component for the end of the wall panel. Forming the wall panel to different type by pressing one side or two as different angle. Such as: end panel with eage, end panel without eage, connect from the left hand, connect from the right hand and so on. It must be consistent with the floor panel when installing.	 FLOOR ANGLE PANEL Connect the wall panel and helpful discharge the wall panel. It can be fastened with nut when installing.	 PRE- EMBEDDED BOX Used for reserving hole which can transfer the panels in two floor buildings.	 END BEAM Connect the wall panel when installing it. It's the component for wall panel structure. It was installed at the end of the floor panel.	 PROP HEAD Connect the join beam when installing the floor panel. It's a beam panel for floor structure. It was installed between two floor panels. And it can unloading load for floor panel.



STEEL FORMWORK SYSTEM

T-FORM

RAPID ERECTION AND EARLY STRIPPING SLAB FORMWORK SOLUTION

AADTOSC7300009TF



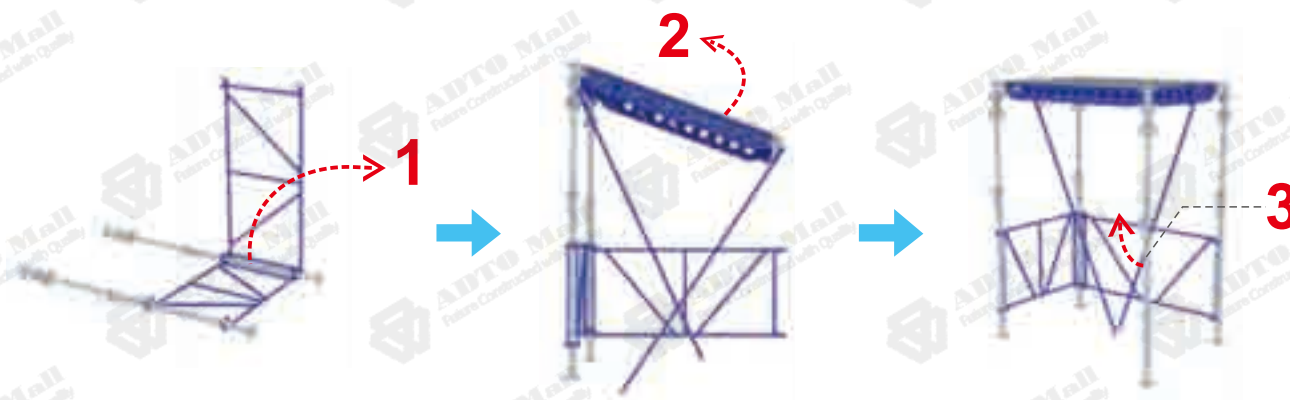
HAND-HELD DESIGN

Largest size panel 1800x1200mm only 44kg
(Every person max. operating weight 22kg)



ONLY PANEL & PROP

Easy to be managed, storage,
repair and search.



SUPER-FAST FORMWORK ERECTION

Everage rate: 1 person 100 m² /day



DUAL SHORING SYSTEM AVAILABLE

– Prop or Ringlock





B-FORM

EASY ERECTION AND DISMANTLE
COLUMN AND WALL FORMWORK SYSTEM

AADTOSC7300009BF



SUPER-FAST FORMWORK ERECTION

Everage rate: 20 min complete column form setup



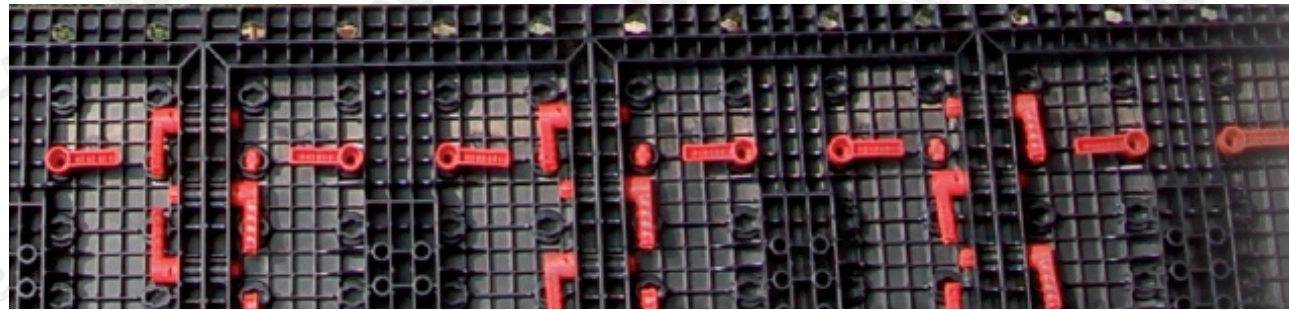
SIZE (POSITION) ADJUSTABLE

Suitable for any dimension wall & column

MULTIPLE-APPLICATION

Single-side wall; Climbing form





PLASTIC FORMWORK SYSTEM

SUPER LIGHT ANTI-CORROSIVE FORMWORK SOLUTION

AADTOSC7300009PFG



The only light, reusable and modular system for concrete wall production

light

Weighting just 24 lb, ADTO PlasticForm can be handled quickly on site without having to use cranes or other mechanical lifting devices.

fast

Light and easy to assemble, it can be installed by a single person.

modular

All elements are 24 inches long and only the elements necessary for the pour are used.

reusable

ADTO PlasticForm is cost effective as it can be reused **minimum 100 times** when properly used and maintained.

dismantling

Concrete does not stick to plastic; dismantling is extremely easy; the forms can be cleansed using just a little water, without any need of detergent.

storage

ADTO PlasticForm can be safely and conveniently stored in a damp and wet environment.



TIMBER FORMWORK



HIGH QUALITY PLYWOOD

CIRCULAR COLUMN FORMWORK



Application For concrete forming of circular columns
Installation Treat inner ply film with concrete release agent firstly.
Fix the steel belts horizontally according to the lines.
If the height is more than 3000mm , please install it long-short stack.

From feedback on site, only 2 skilled workers can install 15 circular columns in 8 hours. Inner Diameter	Thickness	Standard Height	Parts
250-550mm	15mm	3000mm	2
600-1250mm	18mm	3000mm	2
1300-1550mm	22mm	3000mm	2
1600-4200mm	22mm	2400mm	4-10
Diameter at 50mm increment , height can be cut or stack			

TIMBER FORMWORK(FILM FACED PLYWOOD)



Size	1220×2440mm,915×1830mm,1250×2500mm
Thickness	12mm,15mm,18mm(as your request)
Glue	MR,E1,E2,WBP,MLM
Core	Poplar,Hardwood,Eucalyptus,birch,Combi, Bamboo
Surface	Dynea brown film, Polypropylene layer
Moisture content	7%-13%
Grade	A,B,AB,C
Application	Furniture,Construction,Decoration
Loading	8pallets/20ft,16pallets/40ft,18pallets/40HQ
Packaging	Bottom is pallets inner covered by plastic film. Outer protected by plywood or carton and then steel tape for strength
Supply ability	6000Cubic meter per Month
Certificate	FSC,CE,CARB,ISO9001:2000,F17

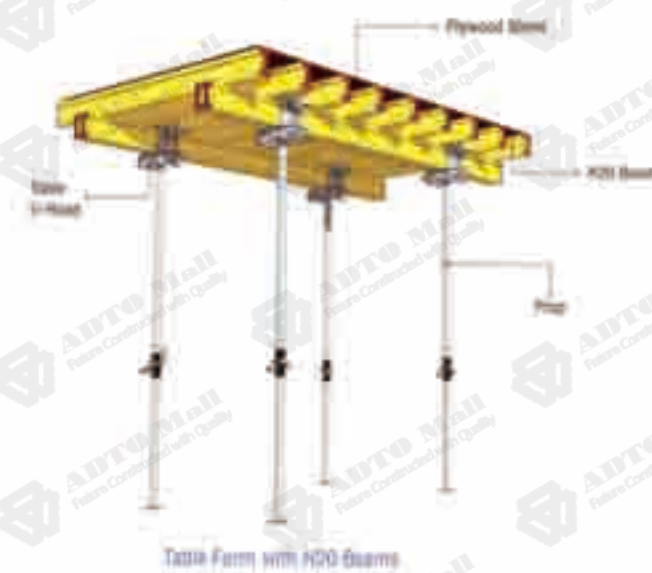


H BEAM FORMWORK



VERSATILE ECO-FRIENDLY FORMWORK SOLUTION

AADTOSC7300009HB



TIMBER BEAM

Advantages

- 1.High dimensional stability, long service life
- 2.Wide application in girder-based formwork system
- 3.Customized length

H20 wooden timber beam 200*80*40 5.2KG/M Poplar core plywood

ADTO07MGZL0001



ALUMINUM BEAM

Advantages

- 1.Light weight
- 2.High strength
- 3.Corrosion resistance
- 4.High turnover frequency
- 5.High Residual
- 6.Low average cost

Material:6061-T6 Aluminum

Below are the main sizes we do

Pic	Code	Product Name	Size	Weight(kg/m)	Material
	ADTO07LALX002	Aluminum beam	123*85mm	2.82	6061-T6
	ADTO07LALX003	Aluminum beam	165*120mm	5.4	6061-T6
	ADTO07XCML004	Aluminum beam	123*75mm	2.21	6061-T6
	ADTO07XCML005	Aluminum double beam with wood	120*80mm	2.65	6061-T6
	ADTO07XCML0046	Aluminum single beam with wood	167*127mm	4.99	6061-T6



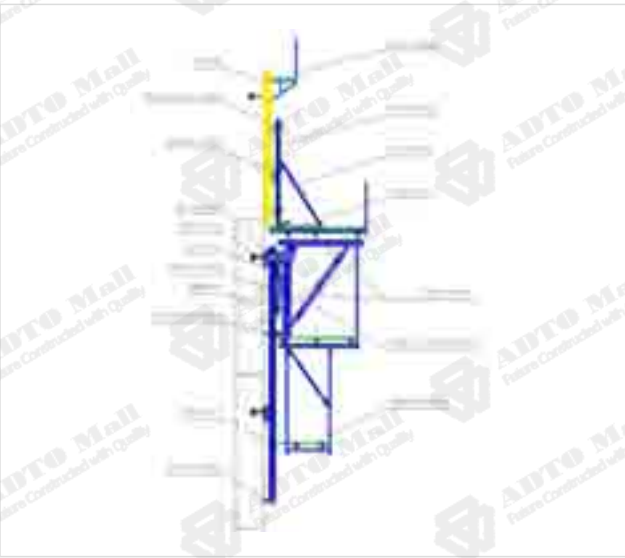
CLIMBING FORMWORK



HYDRAULIC AUTO-CLIMBING FORMWORK & CRANE LIFT CLIMBING FORMWORK

The preferred formwork system for High-rise Building and Bridge Construction

AADTOSC7300009SCB



SHAFT PLATFORM



SIMPLE & CONVENIENCE SAFETY WORKING PLATFORM IN LIFT CASE

AADTOSC7300009SPL

The shaft platform is mainly used in the concrete pouring of elevator well, equipment well, stair well of high-rise building and so on. Concrete lateral pressure is entirely supported by wall-through tie-rods; additional reinforcement is not needed. The construction is easy, rapid and economical.



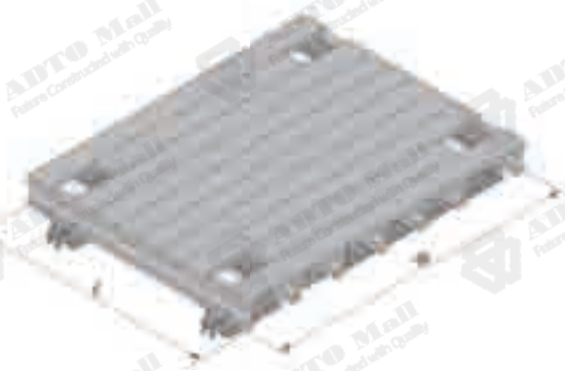
System Introduction

The shaft platform is mainly made up of platform board, timber beam beam clamp, shaft beam and anchor system.

The sketch is shown below



"L" is the timber beam length, "W" can vary from 1.45m to 5.8m, and shaft beam has a few specifications to meet the shaft wells' dimension.



ALUMINUM LADDER



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

INDUSTRIAL LADDER



Dual-purpose Ladder
ADTO007LTIL0003



Multi-purpose Ladder
ADTO007LTIL0029



Multi-purpose Ladder
ADTO007LTIL0029



Multi-purpose
Fiberglass Ladder
ADTO07LTFB0020



2 section extension
Ladder
ADTO07LTIL0034



3 section extension ladder
ADTO07LTIL0045



Rope operated
Extension Ladder
ADTO007LTIL0075



Rope operated
Fiberglass Ladder
ADTO07LTFB0007



Single Straight Ladder
ADTO07LTIL0027

HOUSEHOLD LADDER



A Type Fiberglass Ladder
ADTO07LTFB0031



A Type Ladder
ADTO007LTHL0037



Household step ladder
ADTO007LTHL0026



Telescopic Ladder
ADTO07LTHL0006



Car wash/working platform
ADTO07LTHL0036



Step Stool
ADTO007LTHL0033

SCAFFOLDING AND STAIR



Aluminum Scaffolding
ADTO07ASSR0001



Aluminum Scaffolding
ADTO07LTIL0085



Aluminum Stair
ADTO07LTIL0092



Aluminum beam
ADTO07LTIL0093

CONJUNCTION NET & WORKING GLOVES



ADTO protective gloves are ideal for construction, farm planting, gardening, mining, petroleum, auto repair, chemical industry, and so on. Different types of gloves have different function, such as : wearproof, anti-slip, anti-acid & alkali, and breathable. We can do the gloves as your requests.



Main Products



ADTO06STST0003
ADTO-G1 Cotton Knitted Gloves

- * Size: 8, 9, 10
- * Color: bleaching / natural white
- * Wearproof and flexible



ADTO06STST0004
ADTO-G2 PVC Dotted Cotton Gloves

- * Size: 8, 9, 10
- * Color: black/ blue/ yellow
- * Bleaching cotton yarn / Natural white cotton yarn
- * Anti-slip, wearproof and flexible



ADTO06STST0005
ADTO-G3 Latex Coated Gloves

- * Size: 8, 9, 10
- * Color: red/ green
- * Anti-slip, wearproof and flexible



ADTO06STST0005
ADTO-G4 Latex Coated Gloves

- * Size: 8, 9, 10
- * Color: red/green
- * Bleaching cotton yarn / Natural white cotton yarn
- * Anti-slip, wearproof and flexible



ADTO06STST0006
ADTO-G5 Latex Coated Wrinkled Gloves

- * Size: 8, 9, 10
- * Color: orange
- * Yellow cotton yarn
- * Anti-slip, wearproof and flexible



ADTO06STST0006
ADTO-G6 Latex Coated Wrinkled Gloves

- * Size: 8, 9, 10
- * Color: green
- * Yellow cotton yarn
- * Anti-slip, wearproof and flexible



ADTO06STST0007
ADTO-G7 Latex Coated Wrinkled Gloves

- * Size: 8, 9, 10
- * Color: blue
- * Grey cotton yarn
- * Anti-slip, wearproof and flexible



ADTO06STST0007
ADTO-G8 Leather Gloves

- * Size: 8, 9, 10
- * Natural leather + cloth
- * Anti-slip, wearproof and flexible



Production Line

CONSTRUCTION SAFETY NET

Construction Safety Net is also named Scaffolding Safety Net or Debris Net, which is regarding minimum safety and health instructions to be enforced in temporary or mobile construction sites such as scaffolding, state that where scaffolding exists in areas open to the public, it must be appropriately enclosed using a scaffold protection cover manufactured with specific products, to ensure building site safety. Construction site experts request precise guarantees to ensure protection against plaster, stone, construction equipment or materials which could accidentally fall from scaffolding and harm people or property.



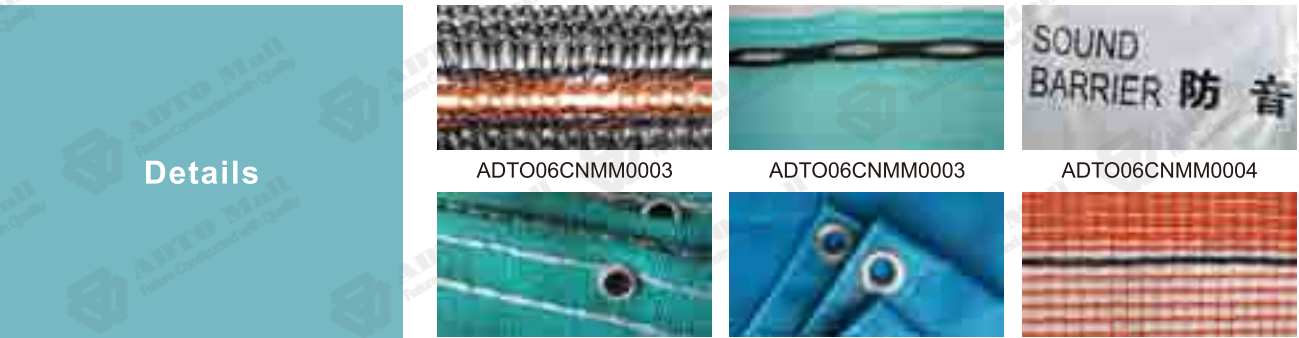
Specification

- Weight:** 50g/m² to 520g/m² as the request.
- Material:** polyethylene, PVC, polyester, UV, fire-resistance.
- Color:** green, blue, orange, black, dark green, or as the request.
- Size:** 1.8m*5.1m, 1.7m*46m, 3m*50m, or as the request.

Color



Details



Package



REINFORCING BAR CONJUNCTION



ADTO reinforcing bar conjunctions, also commonly called screw couplers, rebar couplers, reinforcing bar couplers, steel bar couplers or rebar connectors, are designed to splice different diameter concrete reinforcing bars. They are available to connect bar sizes from 12mm to 50mm. It has the following advantages:

- a. high tensile & yield strength
- b. easy operation
- c. environment protection
- d. high efficiency

CHINESE STANDARD

Code	Size	Thread	Length (mm)	Outer Diameter (±0.5mm)	Inner Diameter (mm)
MATERIAL: 45# High Quality Carbon Structural Steel					
ADTO01PJCM0081	D12	1.75P	33	18.3	10.30(0~+0.1)
ADTO01PJCM0082	D14	2.5P	38	21.3	12.28(0~+0.2)
ADTO01PJCM0083	D16	2.5P	38	24.3	14.28(0~+0.2)
ADTO01PJCM0084	D18	2.5P	43	26.3	16(+0.1~+0.3)
ADTO01PJCM0085	D20	2.5P	48	29.3	18(+0.1~+0.3)
ADTO01PJCM0086	D22	2.5P	53	31.5	20(+0.1~+0.3)
ADTO01PJCM0087	D25	3.0P	58	37	23(+0.15~+0.35)
ADTO01PJCM0088	D28	3.0P	63	41	26(+0.15~+0.35)
ADTO01PJCM0089	D32	3.0P	73	47	29.8(0~+0.2)
ADTO01PJCM0090	D36	3.0P	83	52.2	33.8(0~+0.2)
ADTO01PJCM0091	D40	3.0P	88	57.2	37.5(0~+0.2)
ADTO01PJCM0092	D50	4.0P	108	78.5	47.2(0~+0.2)

KOREAN STANDARD

Code	Size	Outer Diameter	Length	Thread	Inner Diameter
Material: HRB500					
ADTO01PJCM0093	d13a	20	30	M13*1.5P	11.50~11.55
ADTO01PJCM0094	d16a	24	38	M16*2.0P	14.10~14.15
ADTO01PJCM0095	d19a	29	45	M20*2.5P	17.60~17.65
ADTO01PJCM0096	d19d		48.5		
ADTO01PJCM0097	d22a	34	50	M22.5*2.5P	20.10~20.15
ADTO01PJCM0098	d22d		53.5		
ADTO01PJCM0099	d25a	38.5	58	M25.5*3.0P	22.65~22.75
ADTO01PJCM0100	d25d		62		
ADTO01PJCM0101	d29a	43	65	M29.5*3.5P	26.10~26.15
ADTO01PJCM0102	d29d		69		
ADTO01PJCM0103	d32a	48	70	M32.5*3.5P	29.10~29.20
ADTO01PJCM0104	d32d		74		
ADTO01PJCM0105	d35a	53	75	M36*4.0P	32.20~32.25
ADTO01PJCM0106	d35b		88		

UPSETTING FORGING MACHINE AND THREADING MACHINE

Upsetting splice is a parallel threaded rebar mechanical splice designed for the connection of concrete reinforcement bars, for diameters 16~40mm.

The full performance of upsetting rebar splices is stronger than the reinforcement bar and guarantees bar break under tensile stress.



Treading Machine



Upsetting Forging Machine



Treading Machine
(thread length max. 80mm)



Treading Machine
(thread length max.310)

PROFESSING STEP

The ends of the bars to be joined are cut square and enlarged by cold forging to increase their corediameter and So ensure that the joint is stronger than the bar. The couplers are usually supplied attached to the reinforcing bar.

- 1.First use the upsetting machine to thicken the end of the rebar end.
- 2.Then use the steel bar threading (cut) machine to make thread on the end of rebar.3.Connect the two rebar end with the upsetting rebar couplers.



Parallel Rolling Threading Machine

PARALLEL ROLLING THREADING MACHINE

Machining diameter (mm): 14- 40

PROCESSING STEP

Rib peeling thread rolling connecting with rebar coupler

PRESSING MACHINE

PROCESSING STEP

- 1.Marking the sleeve and the bars and prepare the hydraulic tool, hydraulic pump and place the proper grip dies.
- 2.Insert the sleeve half way onto the continuation bar, using the marking as guide.
- 3.Start applying the required pressure on the sleeve.
- 4.Stop the swaging at the specified pressure for the given bar diameter and repeat this process as many times as required per model.
- 5.Place the continuation bars into the sleeves of the first bar and repeat swaging process on the continuation bar.



Pressing Machine



OUR VISION: BUILDING MATERIALS INTEGRATED SERVICE SUPPLIER

OUR MISSION: TO PROVIDE BUILDING MATERIALS ONE-STOP SERVICE

AIM: TO PROVIDE CUSTOMERS SAFE AND COMPETITIVE BUILDING MATERIALS PRODUCTS AND SERVICES

| CERTIFICATES



ADTO SLOGAN OF SAFETY

6S Management

Execution improved, quality and safety assured, we make your benefits maximized by 6S Management.

Professional Team

With abundant technical force and more than 20 professionals, we supply innovative and practical high quality products.

Strict QC

With professional QC team, rigorous QC process, we assure products quality and your benefits.

Guaranteed Products

Using high-quality material, modern technology and strict QC, every process is inspected by professional, we manufacture products of safety and assurance.

Best Service

Professional team and full-hearted service, we offer you warmth and remove from worries.

ADTO GROUP OVERSEAS SALES AND SERVICES NETWORK

ADTO GROUP opened up overseas market in 2006 and products are exported to more than 50 countries and regions in Oceanic southeast Countries, Middle East, Europe, America, Africa.