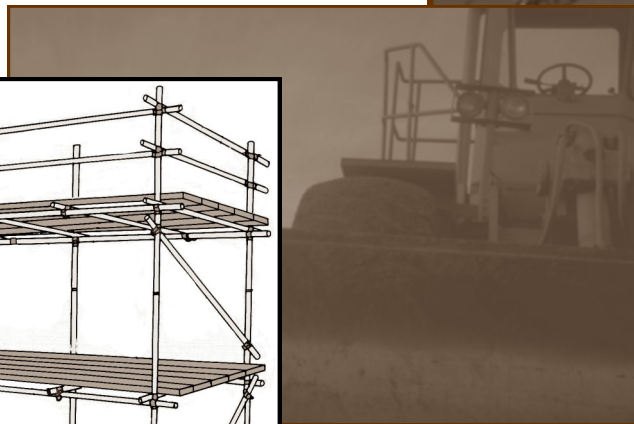
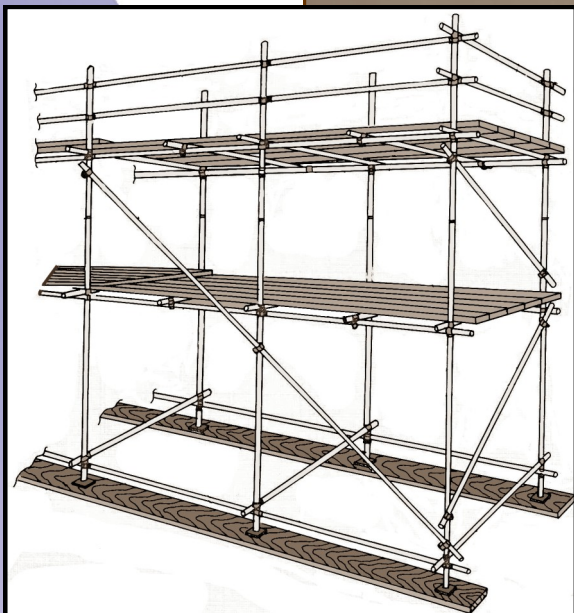




PT. Multi Sarana Gitatama

Product Catalog



**Jl. Karang Anyar No. 55 Block C-9
Jakarta 10740, Indonesia**

Telephone: +62 (21) 6244586 Fax: +62 (21) 6288141 Email: msg@multisarana.co.id



PT. Multi Sarana Gitatama

PT. Multi Sarana Gitatama is established on September 1994 with a vision to be a leading general supplier of building construction materials, heavy equipments and machineries in Indonesia and South East Asia region. Since the establishment, the company has worked and supplied to many well-established contractors from Indonesia, Japan, Australia, British, etc.

With our mission in striving to achieve highest commitment in providing and supplying excellent products and service quality to all our customers. We have built excellent reputation which is proven by our repeated track records in supplying construction materials, scaffolding and heavy equipments to big projects from multi-national contractors.

If you have any queries or require quotation on our products and services, please contact our headquarter.

Headquarter Office

Address: Jalan Karang Anyar No. 55 Block C-9
Jakarta 10740
Indonesia

Telephone: +62 (21) 6244586

Fax: +62 (21) 6288141

Contact Person: Hernanta

Email: msg@multisarana.co.id

Accessories

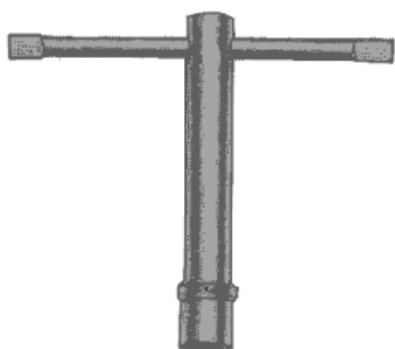
PT. Multi Sarana Gitatama offers various accessories and tools for construction works, form works, erecting frame systems, heavy machineries, etc.

The list of accessories and tools are not exhaustive.

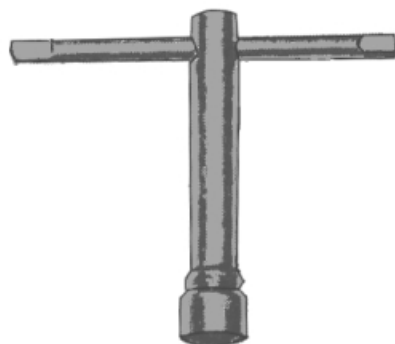
Please contact us for more information.

Box Spanner D and B

Spanner for removing cones used in form-works.



Product Code	Description
SCRB-1	Spanner Cone B Remover



Product Code	Description
SCRD-1	Spanner Cone D Remover

Form Tie Spanner

Spanner for fasten and removing Form Tie and Inner Unit.



Product Code	Description
SFT-1	Form Tie Spanner

Clamp / Coupler Systems

PT. Multi Sarana Gitatama provides a wide range of high quality clamps / couplers. These clamps / couplers are used to join two pipes or scaffoldings together with an easy to use mechanism to erect or dismantle scaffolding structures.

Fixed / Right Angle Clamps 3mm



Product Code	Description
CU-1	Fixed (Right-Angled) Coupler with universal clamp size (42.7 - 48.6). Brand: KUNGKANG
C-1	Fixed (Right-Angled) Coupler with size 42.7 x 42.7. Brand: KUNGKANG
E-1	Fixed (Right-Angled) Coupler with size 42.7 x 48.6. Brand: KUNGKANG
B-1	Fixed (Right-Angled) Coupler with size 48.6 x 48.6. Brand: KUNGKANG

Swivel Clamps 3mm



Product Code	Description
CU-3	Swivel (Right-Angled) Coupler with universal clamp size (42.7 - 48.6). Brand: KUNGKANG
C-3	Swivel (Right-Angled) Coupler with size 42.7 x 42.7. Brand: KUNGKANG
E-3	Swivel (Right-Angled) Coupler with size 42.7 x 48.6. Brand: KUNGKANG
B-3	Swivel (Right-Angled) Coupler with size 48.6 x 48.6. Brand: KUNGKANG

Fixed / Right Angle Clamps - Heavy Duty



Product Code	Description
CUH-1	Heavy Duty Fixed (Right-Angled) Coupler with universal clamp size (42.7 - 48.6) Material: Drop Forged Brand: KUNGKANG

Clamp / Coupler Systems

Swivel Clamps - Heavy Duty



Product Code	Description
CUH-3	Swivel Clamp Heavy Duty with the universal clamp size (42.7 - 48.6) Material: Drop Forged Brand: KUNGKANG

Fixed / Right Angled Clamps 5mm (British Type)



Product Code	Description
CUBR-1	Fixed (Right-Angled) Coupler 5 mm (British Type) for size 48.3. Brand: KUNGKANG

Swivel Clamps 5mm (British Type)



Product Code	Description
CUBR-3	Swivel Coupler 5 mm (British Type) for size 48.3. Brand: KUNGKANG

Fixed / Right Angle Beam Clamps



Product Code	Description
CUB-1	Fixed / Right Angled Beam Clamp with the universal clamp size (42.7 - 48.6). Brand: KUNGKANG

Clamp / Coupler Systems

Swivel Beam Clamps



Product Code	Description
CUB-3	Swivel Beam Clamp with the universal clamp size (42.7 - 48.6). Brand: KUNGKANG

Fixed / Right Angled Beam Clamps - Heavy Duty



Product Code	Description
CUBH-1	Fixed / Right Angled Beam Clamp Heavy Duty with the universal clamp size (42.7 - 48.6) Material: Drop Forged Brand: KUNGKANG

Swivel Beam Clamps - Heavy Duty



Product Code	Description
CUBH-3	Swivel Beam Clamp Heavy Duty with the universal clamp size (42.7 - 48.6) Material: Drop Forged Brand: KUNGKANG

Board Retaining Couplers / Plank Clamps



Product Code	Description
CP-1	Board Retaining Coupler / Plank Clamp. Brand: KUNGKANG

Clamp / Coupler Systems

Board Retaining Couplers / Plank Clamps -- Heavy Duty



Product Code	Description
CPH-1	Board Retaining Coupler / Plank Clamp Heavy Duty. Brand: KUNGKANG

Putlog Coupler



Product Code	Description
CPL-1	Putlog Coupler. Brand: KUNGKANG

Sleeve Coupler

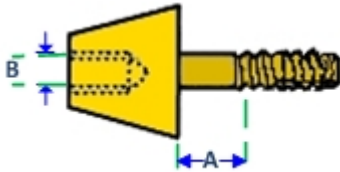


Product Code	Description
CS-1	Sleeve Coupler. Brand: KUNGKANG

Cone Systems

PT. Multi Sarana Gitatama offers various types of cones for form-works and structural-works. The list of various cones are not exhaustive. Please contact us for more information.

Cone Type B



Cone for Form Tie Type B.

To order, please specify concrete panel thickness (A) and inner unit diameter (B).

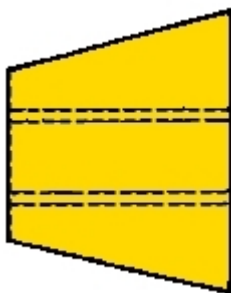
Product Code	Panel Type	Diagrams	
		A (mm)	B (mm)
CMB-5	Metal	For metal	W5/16
CMB-3			W3/16
CWB-1205	Ply Wood	12	W5/16
CWB-1203			W3/16
CWB-1605		16	W5/16
CWB-1603			W3/16
CWB-2405		24	W5/16
CWB-2403			W3/16

Note

A - Panel thickness

B - Inner unit diameter

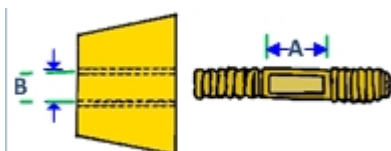
Cone Type D



Cone for Form Tie Type D.

Product Code	Description
CD-1	Inner Unit W1/2 is only used.

Cone for Beam



To order, please specify panel thickness (A) and inner unit diameter (B).

Cone Systems

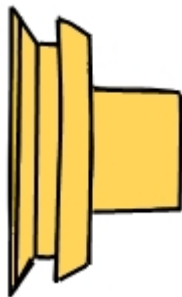
Tapered P Cone



Cone for support the leaning panel constructure.

Product Code	Description
CP-1	For the leaning panel constructure.

Bedding Plug



Cone for sealing the hole which is made because the Form Tie Cone is removed after the concrete has set.

Product Code	Description
CBH-1	The Bedding Cone is used to seal the hole which is made because a cone is removed after a concrete has set.

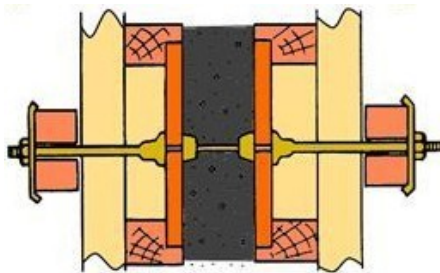
Form Systems

PT. Multi Sarana Gitatama offers various types of durable and high-tension form-works equipments and materials, such as form-tie, wall-tie and washers.

The list of various form-system equipments are not exhaustive.

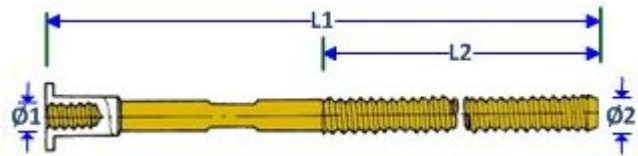
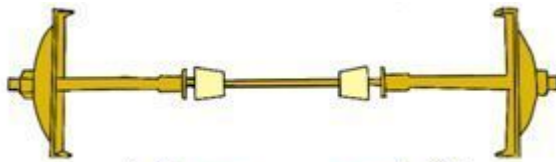
Please contact us for more information.

Form Tie B



Form tie with both sides are exposed.

Parts	Quantity (pcs)	Inner Unit Diameter
Form Tie with a nut	2	W 5/16 . W 3/8
Inner Unit B	1	W 5/16 . W 3/8
Plastic Cone	2	W 5/16 . W 3/8
Flat Rib Washer	2	Common

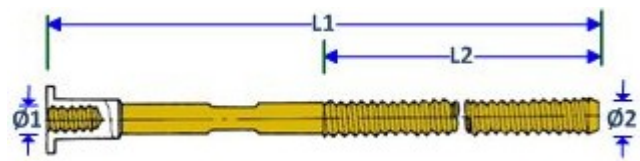
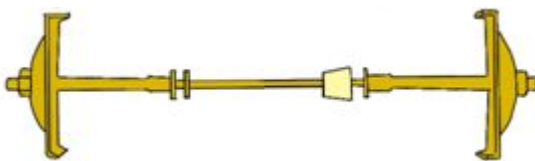


Product Code	Description	L1 (mm)	L2 (mm)	Remarks
FTC-1	Form Tie with a nut (Common for B, C and BC)	310	145	Ø1 = W 5/16 = W 3/8
		250	145	
		180	95	Ø2 = W 1/2
		150	95	
				with a nut



Product Code	Description
FTIB-1	Inner Unit Form B. Both sides exposed. W 5/16 . W 3/8

Parts	Quantity (pcs)	Inner Unit Diameter
Form Tie with a nut	2	W 5/16
Inner Unit BC	1	W 5/16
Plastic Cone	1	W 5/16
Flat Rib Washer	2	Common



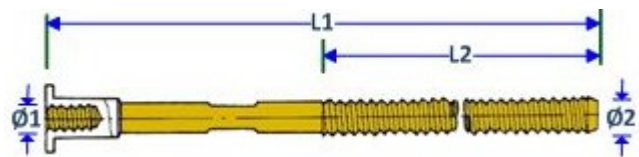
Product Code	Description	L1 (mm)	L2 (mm)	Remarks
FTC-1	Form Tie with a nut (Common for B, C and BC)	310	145	Ø1 = W 5/16 = W 3/8
		250	145	
		180	95	Ø2 = W 1/2 with a nut
		150	95	



Product Code	Description
FTIBC-1	Inner Unit Form BC. One side finished and other side exposed. W 5/16

A schematic diagram of a double-acting hydraulic cylinder. It shows a central black piston rod passing through two yellow cylindrical chambers. The left chamber has a red cross-hatched area representing pressurized fluid behind the piston head. The right chamber has a similar red cross-hatched area behind the piston rod end. The piston rod is connected to two grey circular components at the ends, which represent mounting or connection points.

Parts	Quantity (pcs)	Inner Unit Diameter
Form Tie with a nut	2	W 5/16
Inner Unit C	1	W 5/16
Flat Rib Washer	2	Common



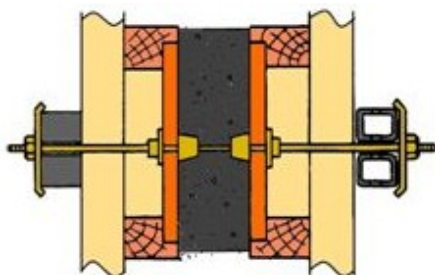
Product Code	Description	L1 (mm)	L2 (mm)	Remarks
FTC-1	Form Tie with a nut (Common for B, C and BC)	310	145	Ø1 = W 5/16 = W 3/8
		250	145	
		180	95	Ø2 = W 1/2 with a nut
		150	95	



Product Code	Description
FTIC-1	Inner Unit Form C. Both sides finished W 5/16

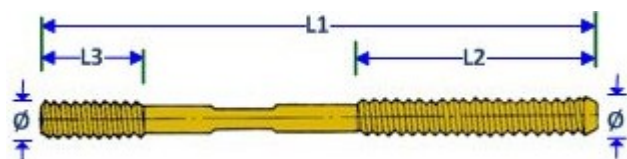
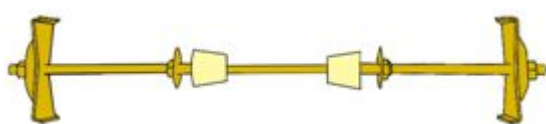
Form Systems

Form Tie D



Form tie with both sides are exposed.

Parts	Quantity (pcs)	Inner Unit Diameter
Form Tie D with a nut	2	W 1/2
Inner Unit D	1	W 1/2
Plastic Cone D	1	W 1/2
Flat Rib Washer	2	Common



Product Code	Description	L1 (mm)	L2 (mm)	L3 (mm)	Remarks
FTD-1	Form Tie D	360	120	80	Ø1 = W 1/2
		300	120	80	
		250	120	80	with a nut



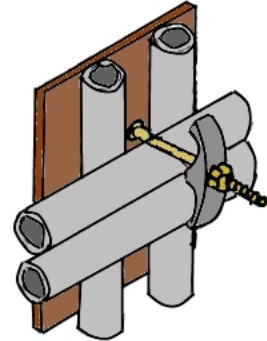
Product Code	Description
FTID-1	Inner Unit D
	Both sides exposed. W 1/2

Form Systems

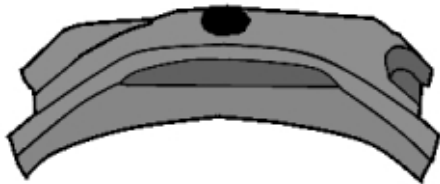
Round Pipe Batter / Washer



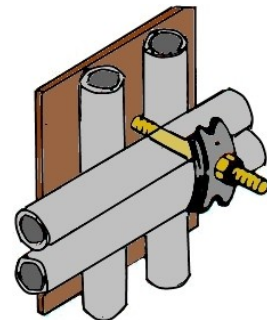
Round pipe batters/washers are available for various diameter of round pipes.



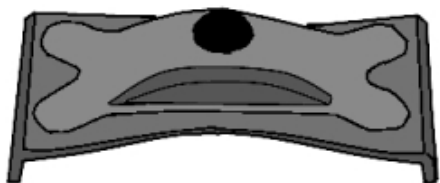
Round Pipe Batter / Washer Type D



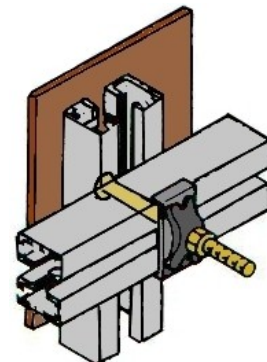
Round pipe batters/washers type D are available for various diameter of round pipes.



Square Pipe Batter / Washer



Square pipe batters/washers are available for various thickness of pipes.



Form Systems

Wall Tie

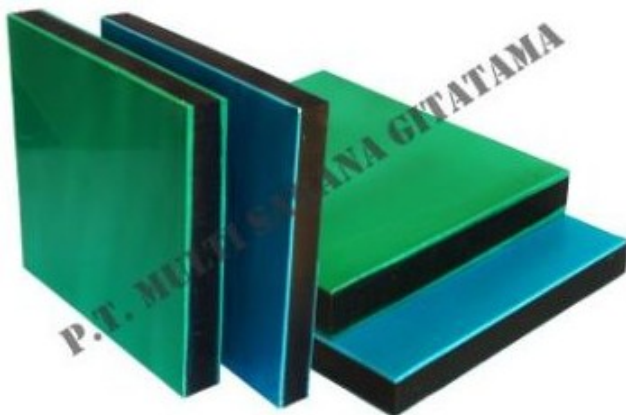


Expandable mechanical wall-tie with universal clamps (42.7 - 48.6).

Product Code	Weight (Kg)
WA-01	3

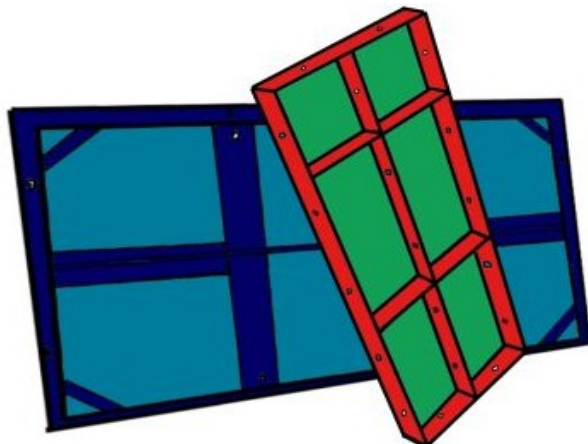
Plastic Formwork Plate

Plastic Formwork Plate provides a strong, light-weight, impact resistance and rust-free formwork panel. The Plastic Formwork Plate can withstand -10 to 75 degree Celcius temperature and high pressure. The Plastic Formwork Plate is durable and could be re-used many times.



Product Code	Length	Width	Thickness
PFP-1212	1,220	2,440	12
PFP-1215	1,220	2,440	15
PFP-1812	1830	915	12
PFP-1815	1830	915	15

Steel Panel for Plastic Formwork Plate



The Steel Panel for Plastic Formwork Plate provides support for Plastic Formwork Plate and allows multiple panels to be connected and inter-locked.

To order, please specify the dimension (length, width and thickness) and the lock-key-hole specifications.

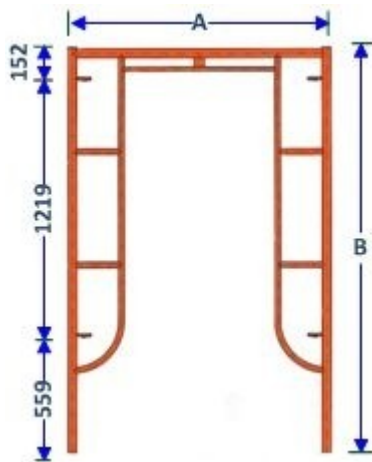
Frame Systems

PT. Multi Sarana Gitatama offers various types of high-quality, durable and high-tensile frame equipments, such as mainframes, jack-base, cross-brace, etc. The equipments are componentized as basic building blocks for large-scale structures.

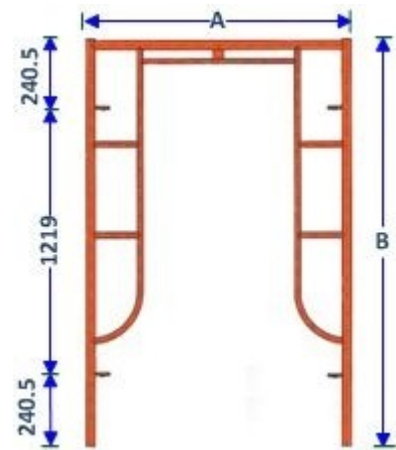
The list of various frame-system equipments are not exhaustive.

Please contact us for more information.

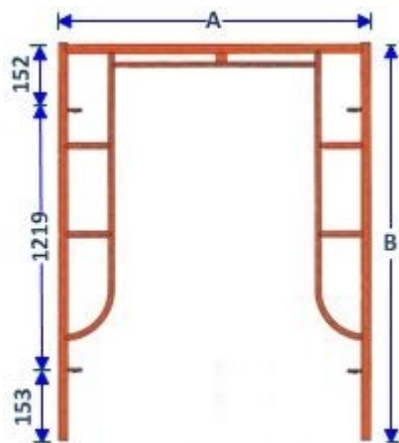
Mainframe



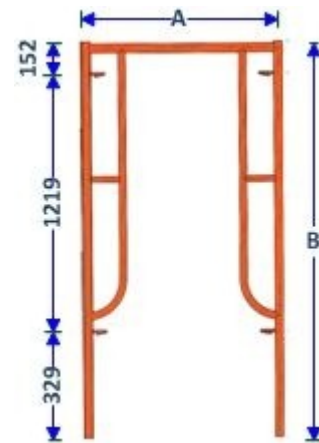
Product Code	A	B	Weight (Kg)
A-1219	1,219	1,930	21.5



Product Code	A	B	Weight (Kg)
A-1217B	1,219	1,700	16.5



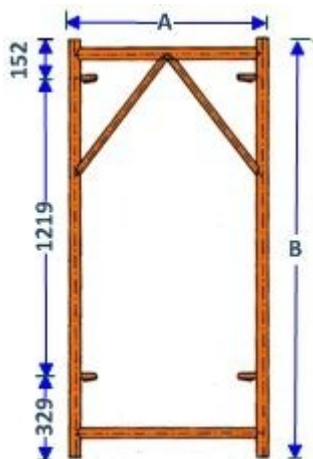
Product Code	A	B	Weight (Kg)
A-1215	1,219	1,524	17.5



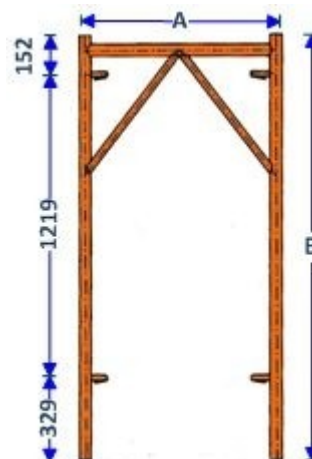
Product Code	A	B	Weight (Kg)
A-1217A	1,219	1,700	14.5
A-917A	914	1,700	14

Frame Systems

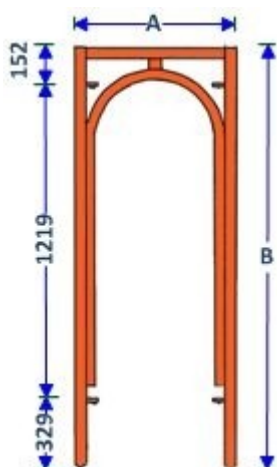
Mainframe



Product Code	A	B	Weight (Kg)
A-717S	762	1,700	14
A-617S	610	1,700	12.5



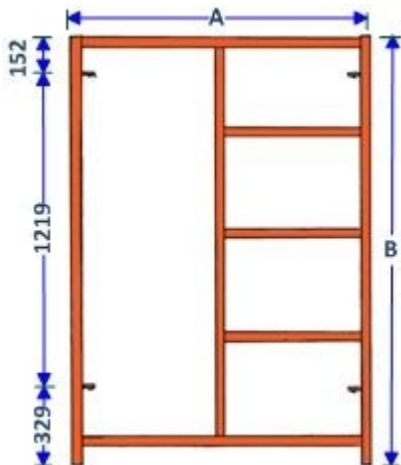
Product Code	A	B	Weight (Kg)
A-617F	610	1,700	11



Product Code	A	B	Weight (Kg)
A-617R	610	1,700	12

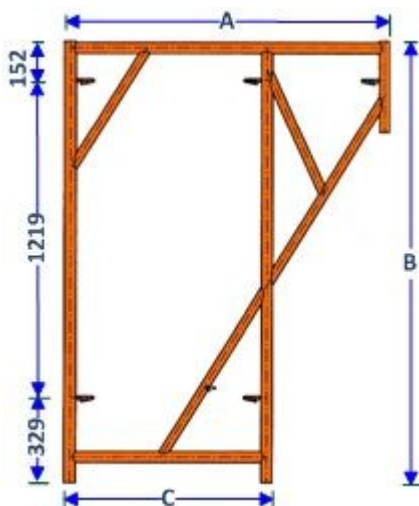
Frame Systems

Ladder Frame



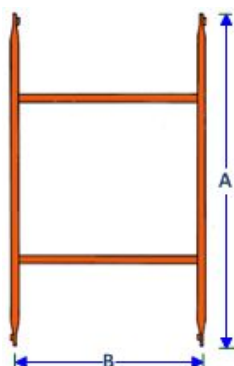
Product Code	A	B	Weight (Kg)
A-617	610	1,700	16
A-717	762	1,700	17

Cantilever Frame



Product Code	A	B	C	Weight (Kg)
A-617C	914	1,700	610	14
A-717B	1,219	1,700	762	19

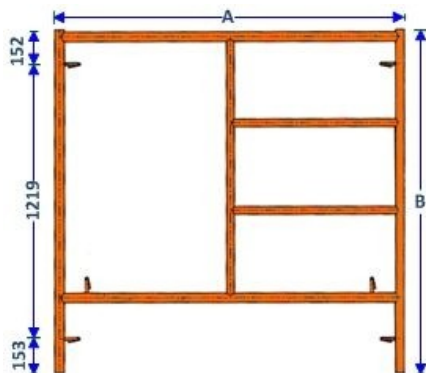
Horizontal Frame



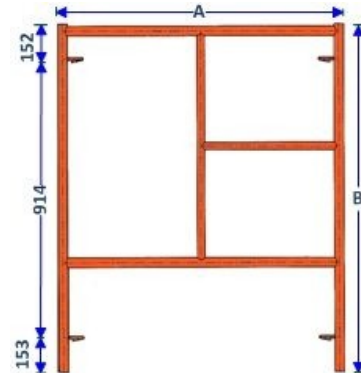
Product Code	A	B	Weight (Kg)
A-1812	1,829	1,050	13
A-1809	1,829	745	11.5
A-1806	1,829	450	10

Frame Systems

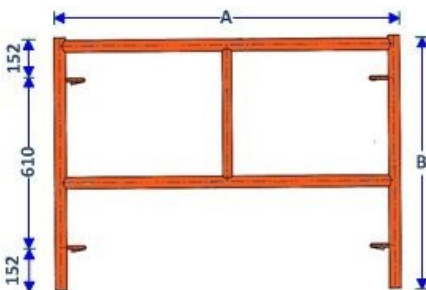
End Frame



Product Code	A	B	Weight (Kg)
A-1515B	1,524	1,524	19
A-1215L	1,219	1,524	17

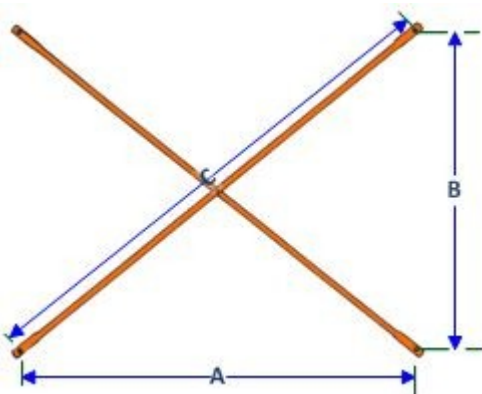


Product Code	A	B	Weight (Kg)
A-1212L	1,219	1,219	15



Product Code	A	B	Weight (Kg)
A-1209L	1,219	914	11

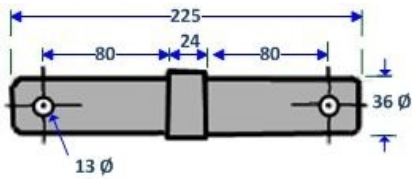
Cross Brace



Product Code	A	B	C	Weight (Kg)
X-1812	1,829	1,219	2198	4.2
X-1512	1,524	1,219	1952	3.7
X-1212	1,219	1,219	1724	3.3
X-1809	1,829	914	2045	4
X-1509	1,524	914	1777	3.4
X-1209	1,219	914	1524	2.9
X-1806	1,829	610	1928	3.7
X-1506	1,524	610	1642	3.2
X-1206	1,219	610	1363	2.6
X-0906	914	610	1099	2.2

Frame Systems

Joint Pin Galvanized



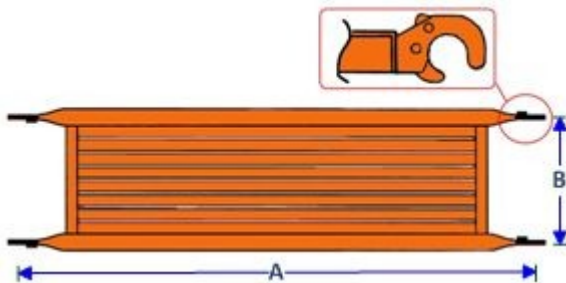
Product Code	A	Weight (Kg)
A-20	No Hole	0.6
A-20A	One Hole	0.6
A-20B	Two Hole	0.6

Joint Pin with Bolt - Heavy Duty

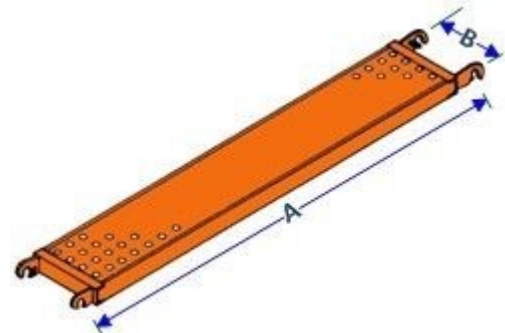


Product Code	Weight (Kg)
AH-20	1.2

Catwalk



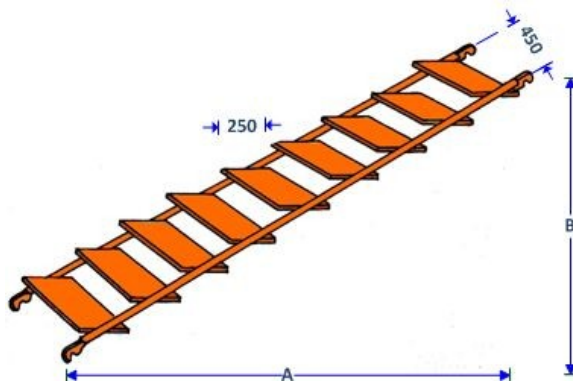
Product Code	A	B	Weight (Kg)
TK-6C	1,829	500	16
TK-6CH	1,829	500	16



Product Code	A	B	Weight (Kg)
FK-6	1,829	240	11
FK-6A	1,829	240	10

Frame Systems

Stairs



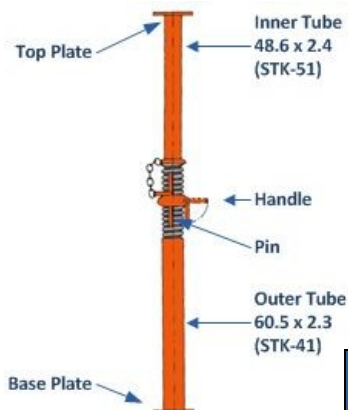
Product Code	A	B	Weight (Kg)
K-917S	1,829	1,725	26
K-1219S	1,829	1,955	28

Horizontal Beam



Product Code	Description
EHB-1	Expandable horizontal beam.

Pipe Support

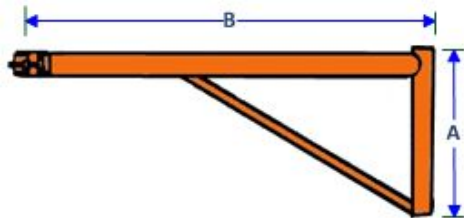


Product Code	Height Close (mm)	Height Extended (mm)	Safe Load		Weight (kg)
			Closed (kg)	Extended (kg)	
TS-50	1,550	2,750	2,000	2,000	12
TS-60	1,850	3,050	2,000	1,500	13
TS-70	2,150	3,350	2,000	1,500	14
TS-90	2,700	3,900	2,000	1,500	16

Prop Grid Size (mm)	Maximum Slab Thickness when Props Fully Extended (mm)			
	TS-50	TS-60	TS-70	TS-90
2,438 x 1,295	177	101	101	101
2,134 x 1,295	228	140	140	140
1,829 x 1,295	254	190	190	190
1,524 x 1,295	330	228	228	228
1,219 x 1,295	432	305	305	305

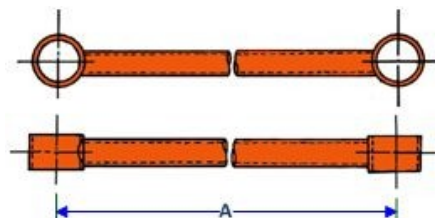
Frame Systems

Cantilever



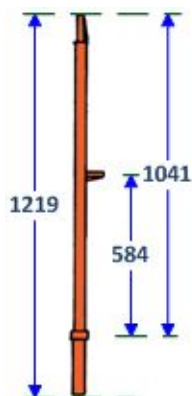
Product Code	A	B	Weight (Kg)
TDS-35	310	500	5
TDS-57	500	750	6
TDS-71	750	1,000	7

Guardrail



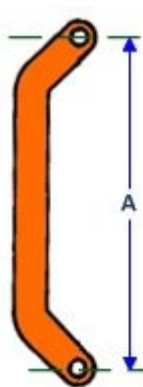
Product Code	A	Weight (Kg)
BR-18	1,829	1.8
BR-15	1,524	1.5
BR-12	1,219	1.2
BR-9	914	0.9
BR-7	762	0.7
BR-6	610	0.6

Guardrail Post



Product Code	Weight (Kg)
AP-12	3

Armlock



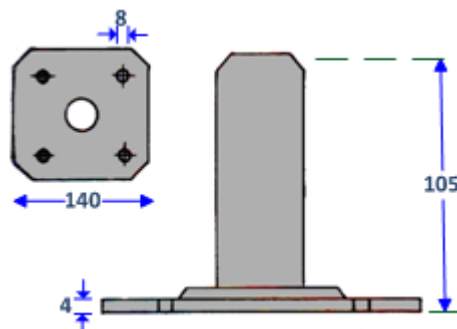
Product Code	A	Weight (Kg)
AI-826	826	0.8
AL-739	737	0.7
AL-509	507	0.5
AL-441	441	0.45
AL-333	330	0.3
L-5	501	0.5
AL-419	417	0.4

Castor



Product Code	A	Weight (Kg)
WH-5	130	3.7
WH-6	150	4.2
WH-8	200	6.2

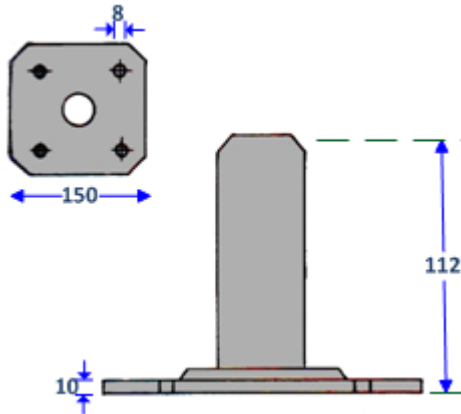
Base Plate



Product Code	Weight (Kg)
A-15	1

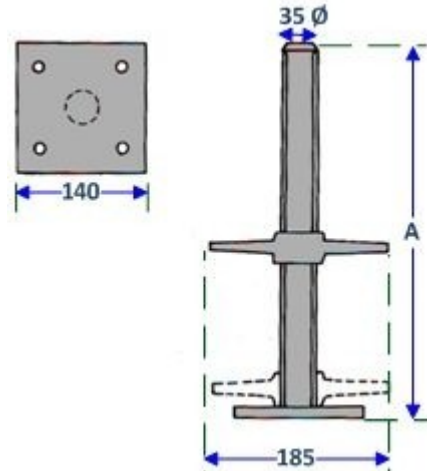
Frame Systems

Base Plate - Heavy Duty



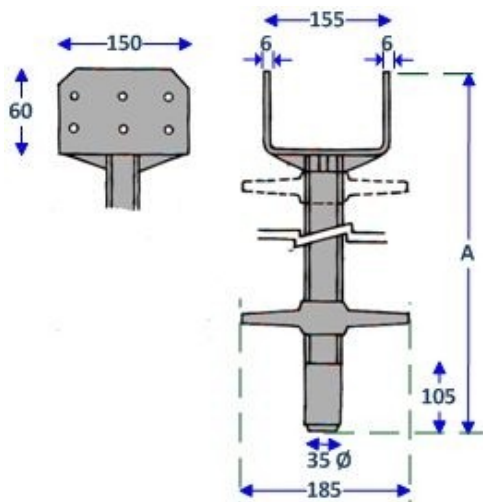
Product Code	Weight (Kg)
AH-15	2

Jack Base



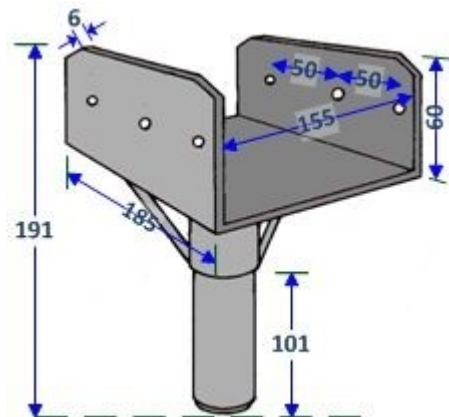
Product Code	A	Weight (Kg)
AJ-40	400	4.2
AJ-60	600	6.2

U-Head



Product Code	A	Weight (Kg)
AJ-40H	400	5
AJ-60H	600	7.5

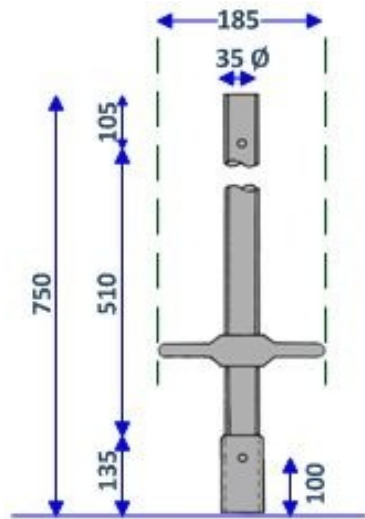
Plain Fork Head



Product Code	Weight (Kg)
A-15H	3

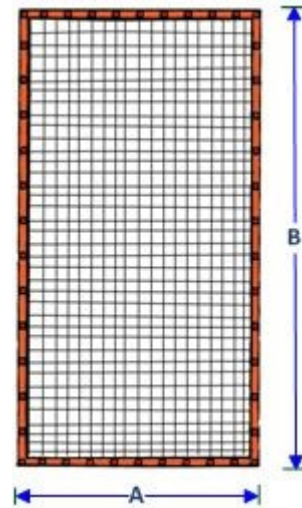
Frame Systems

Adjustable Leg



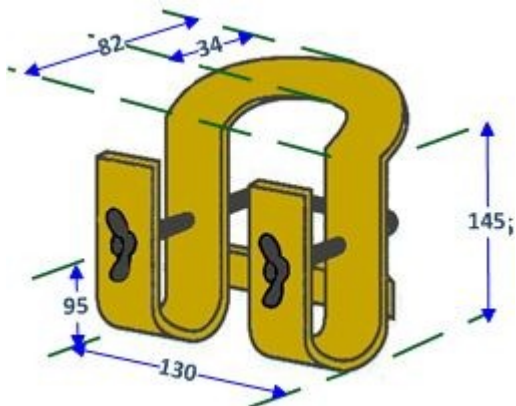
Product Code	Weight (Kg)
JJ-80	5

Mesh Guard



Product Code	A	B	Weight (Kg)
N-1217	860	1,814	10

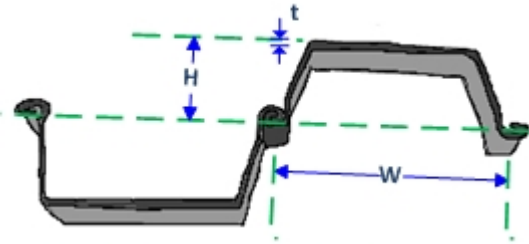
Truss Hunger



Product Code	Weight (Kg)
ABC-1	3

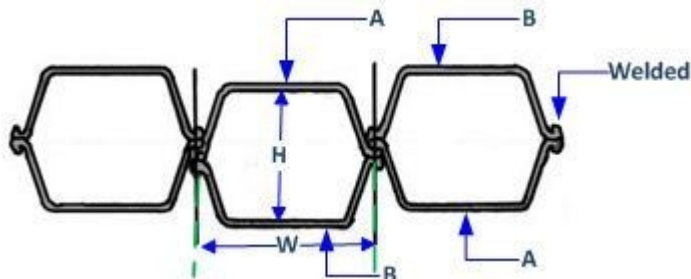
Pipes and Steel Sheet Piles

U-Type Section



Product Code	Dimensions			Unit Weight		Moment of Inertia		Section Modulus	
	W	H	t	Per Pile	Per Wall Width	Per Pile	Per Wall Width	Per Pile	Per Wall Width
	mm	mm	mm	kg/m	kg/m ²	cm ⁴ /m	cm ²	cm ³	cm ² /m
KWSP-II	400	100	10.5	48.0	120	1,240	8,740	152	874
KWSP-III	400	125	13.0	60.0	150	2,220	16,800	223	1,340
KWSP-IIIA	400	150	13.1	58.4	146	2,790	22,800	250	1,520
KWSP-IV	400	175	15.5	76.1	190	4,670	36,600	362	2,270

Box-Type Section

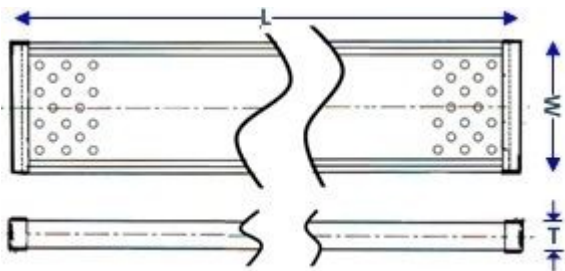


Product Code	Section Number		Dimension		Section Area	Moment of Inertia	Section Area
	A	B	W	H			
			mm	mm			
KBSP-II	KWSP-II	KWSP-II	400	244	122	10,600	869
KBSP-III	KWSP-III	KWSP-III	400	297	153	19,600	1,320
KBSP-IIIA	KWSP-IIIA	KWSP-IIIA	400	340	149	24,300	1,430
KBSP-IV	KWSP-IV	KWSP-IV	400	387	194	41,600	2,150

Galvanized Plank System

PT. Multi Sarana Gitatama offers various types and length of galvanized plank. The list of various galvanized planks are not exhaustive. Please contact us for more information.

Galvanized Plank



With our patented designed, the galvanized planks provides greater strength, durability and stability. Supported with the high quality materials and craftsmanship, we provide the best quality galvanized plank in the market.

Brand: KUNGKANG.

Product Code	L	W	T	t
PLG-1	1,000	250	40	1
PLG-2	2,000	250	40	1
PLG-3	3,000	250	40	1
PLG-4	4,000	250	40	1
PLG-5	5,000	250	40	1
PLG-6	6,000	250	40	1



Top View



Side View

Pipes and Steel Sheet Piles

PT. Multi Sarana Gitatama offers various dimensions of high quality Pipes and Steel Sheet Piles.

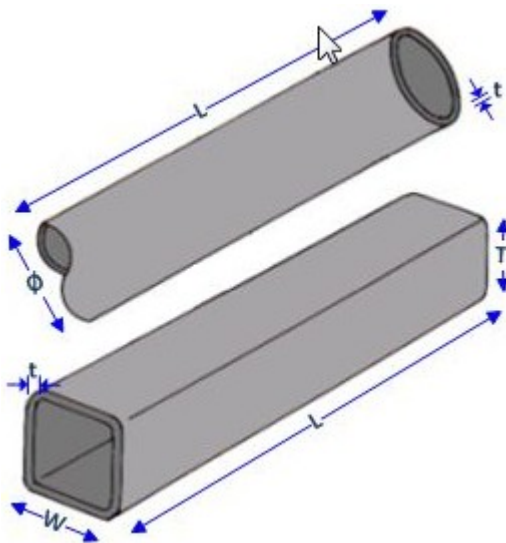
Various Carbon-Steel Pipes, Galvanized Pipes, etc are available. The steel sheet piles comes in U-Type and Box-Type sections.

The list of pipes and steel sheet piles are not exhaustive.

Please contact us for more information.

Carbon Steel Pipes and Galvanized Pipes

The Carbon Steel Pipes and Galvanized Pipes are available in various dimensions, such as diameters, length and thickness. To order, please specify the dimension and quantity.



Round Pipe Dimension	
Symbol	Description
ϕ	Diameter of the pipe
t	Thickness of the round pipe's wall
L	Length of the pipe

Square Pipe Dimension	
Symbol	Description
W	Width of the pipe
L	Length of the pipe
T	Thickness of the square pipe
t	Thickness of the square pipe's wall

Heavy Machineries

PT. Multi Sarana Gitatama offers rental and selling of used and new heavy machineries and equipments with buy-back option. At PT. Multi Sarana Gitatama, we provides various crawler cranes, dumpers, graders, backhoes, bulldozers, etc from various reliable brands such as Komatsu, Kato, Tadano, Kobelco, Caterpillar, etc.

