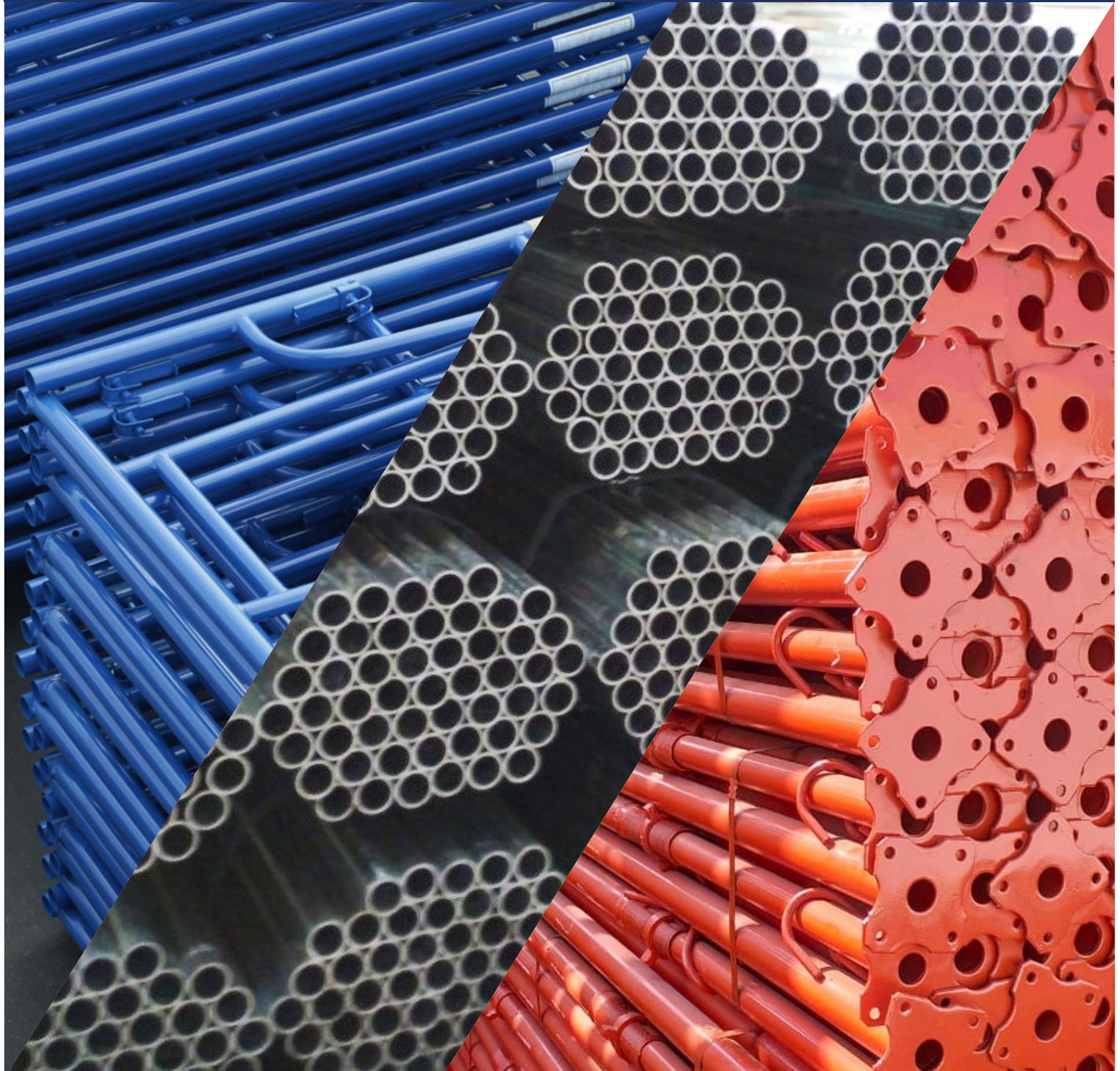
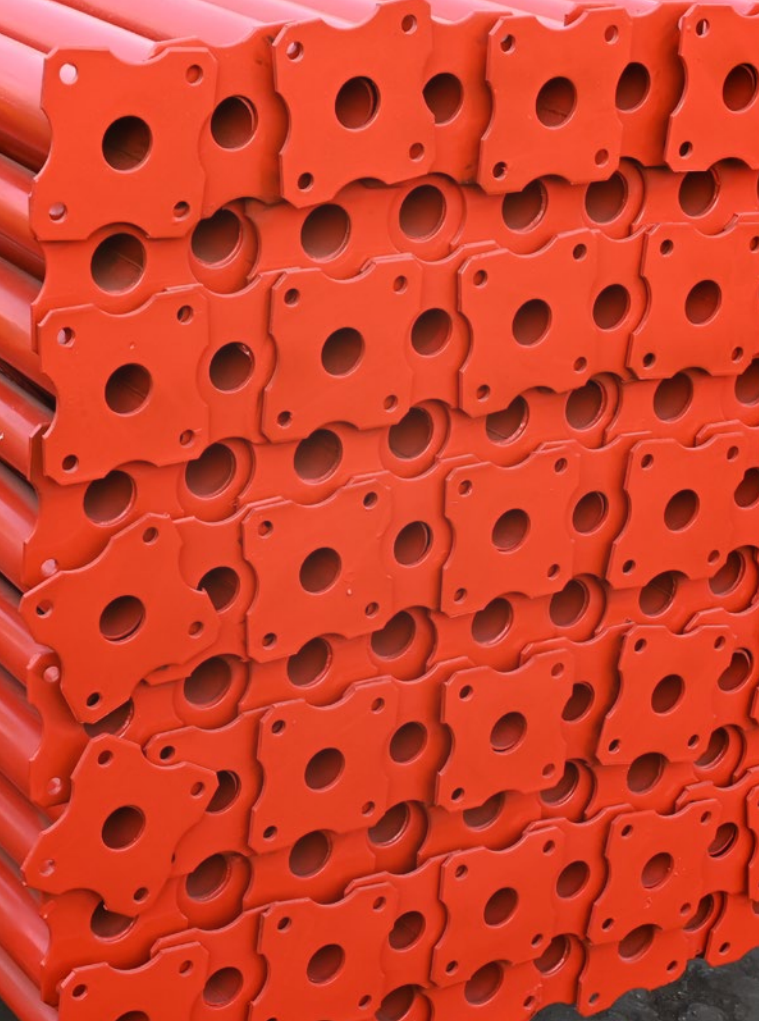




**K H K SCAFFOLDING
& FORMWORK LTD. L.L.C**



Props • Tubes • Frames



OUR PROFILE

Established in 1991, KHK Scaffolding & Formwork LLC has become a leading manufacturer and supplier of scaffolding, formwork, steel pipes and Tube products from GCC Region. Relying on top quality and best turnaround delivery time, it's wide range of products and services command high praise and acclaim from the reputed customers around the world.

KHK is the flagship company of UAE based Taurani Group of Industries, a prestigious business house, well recognized for its consistency and dependability as one of the most successful conglomerates in United Arab Emirates.

The office-cum-factory premises at Ajman covers an area 75,000 sq/mt, charged by highly motivated and efficient team of 1200 employees and is equipped with most advanced and integrated technology and machines to manufacture wide range of scaffolding, formwork, steel pipes and tube products strictly conforming to customer's designs requirements.

Carefully designed, high precision products of KHK are being exported for the last 25 years to more than 50 countries mainly in GCC, Middle East, Europe, America, Asia, Africa and Australia. The professional and experienced sales force of KHK, besides supplying the world class products, also support the global customers with their valuable services and technical guidance which in turn assures the contractors to deliver the projects in utmost secure and economical manner, maximizing their value addition. KHK always believes in testing its limits to the maximum by exploring, experimenting and establishing innovative products carrying lateral and horizontal expansions to meet diverse and challenging demands.



OUR VISION

'KHK' aspires to be the most trusted brand to all its worldwide customers and supply chain partners in Scaffolding and Formworks industry, embarking on excellence, relevance & value additions to all its offerings, with full Corporate and Social Responsibilities.

OUR MISSION

- Increasing the production capacity by 50% through process re-engineering by 2022.
- Augmentation in the sales turnover by 25% year over year.
- Continuous investment in human capital training, upskilling and automation.
- Make work life simpler, productive and customer friendly by implementation of SAP by June 2021
- Integration of processes by implementing SAP by 2021 and improve customer engagements through web portal by 2022
- Support go-green initiative of UAE along with digitalization of operations by 2022

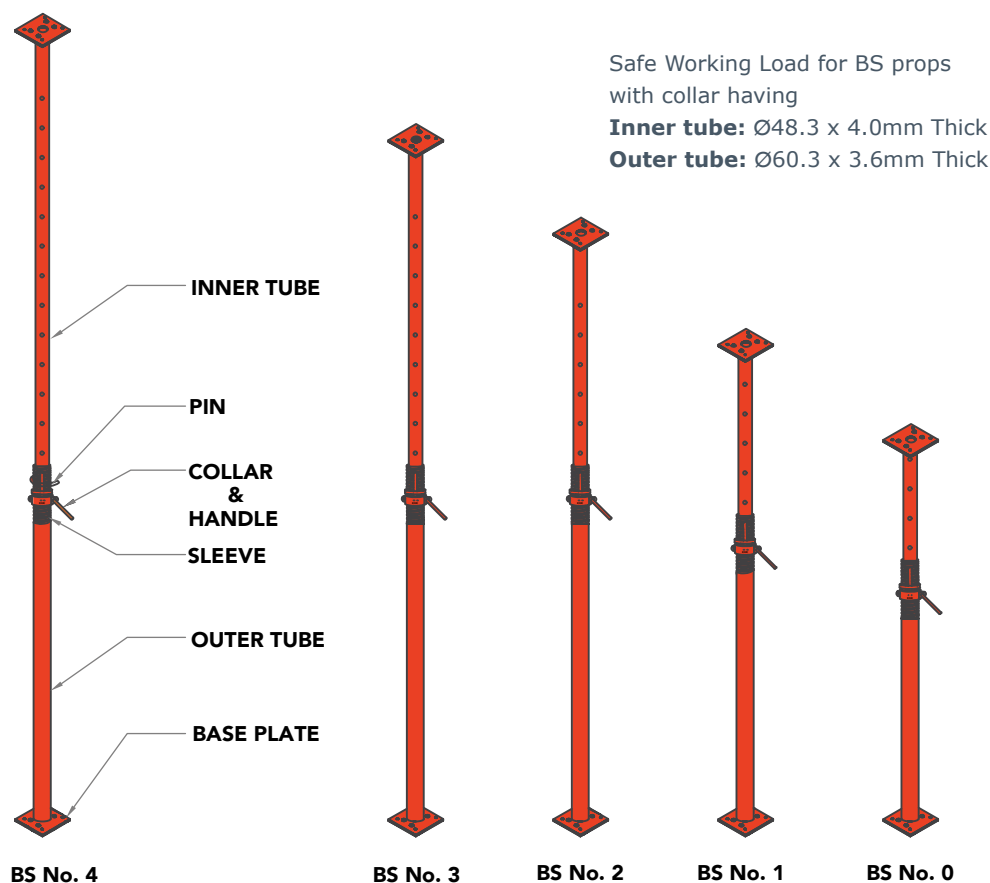


PROPS TECHNICAL DETAILS

BS PROPS:

- BS Props fully confirm to the requirements of BS 4074 : 1982 and have been tested in accordance with BS 5507 Part 3 : 1982.
- BS Props are manufactured from high quality material with a Powder coated painted finish for long life and are highly resistant to site wear and tear.
- BS Props can be used on all types of building construction or for any type of use where an adjustable load bearing member is required.
- The high tensile steel pin is located through a slot in the outer section and a hole on the inner section for coarse adjustment. The cast collar located below the pin gives fine adjustment for levelling or striking.
- The rolled thread ensures no loss of material or strength at this critical point.

DESCRIPTION	MINIMUM HEIGHT	MAXIMUM HEIGHT	WEIGHT (kg)
BS Prop No. 0	1.07 m	1.82 m	11.0
BS Prop No. 1	1.75 m	3.12 m	16.7
BS Prop No. 2	1.98 m	3.35 m	18.4
BS Prop No. 3	2.59 m	3.95 m	20.2
BS Prop No. 4	3.20 m	4.87 m	24.2

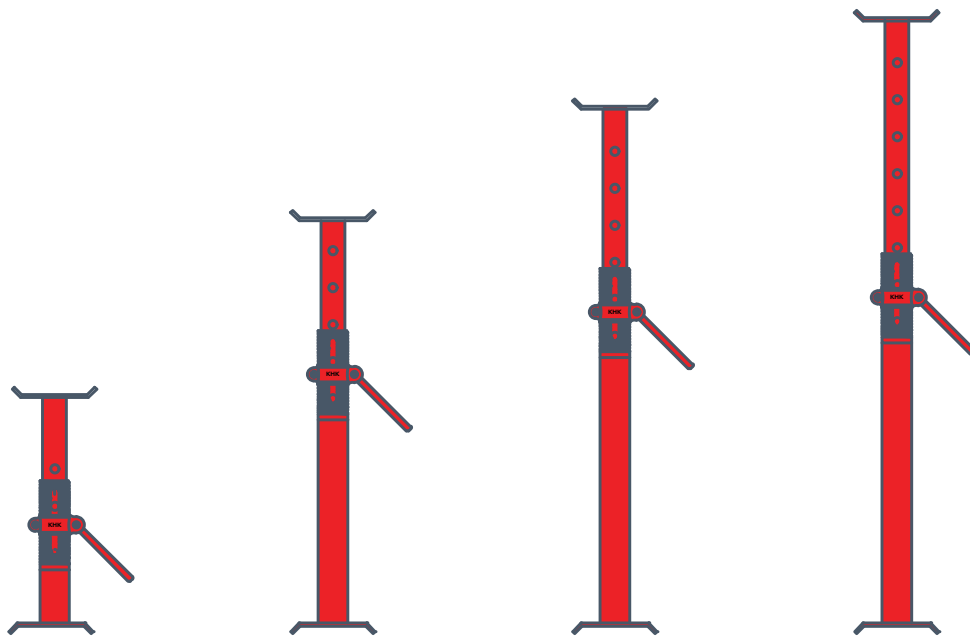


PROPS TECHNICAL DETAILS

TRENCH STRUTS:

Trench Struts are of similar design to BS Props but have upturned corners on the end plates to give a 'claw' grip to timber walings.

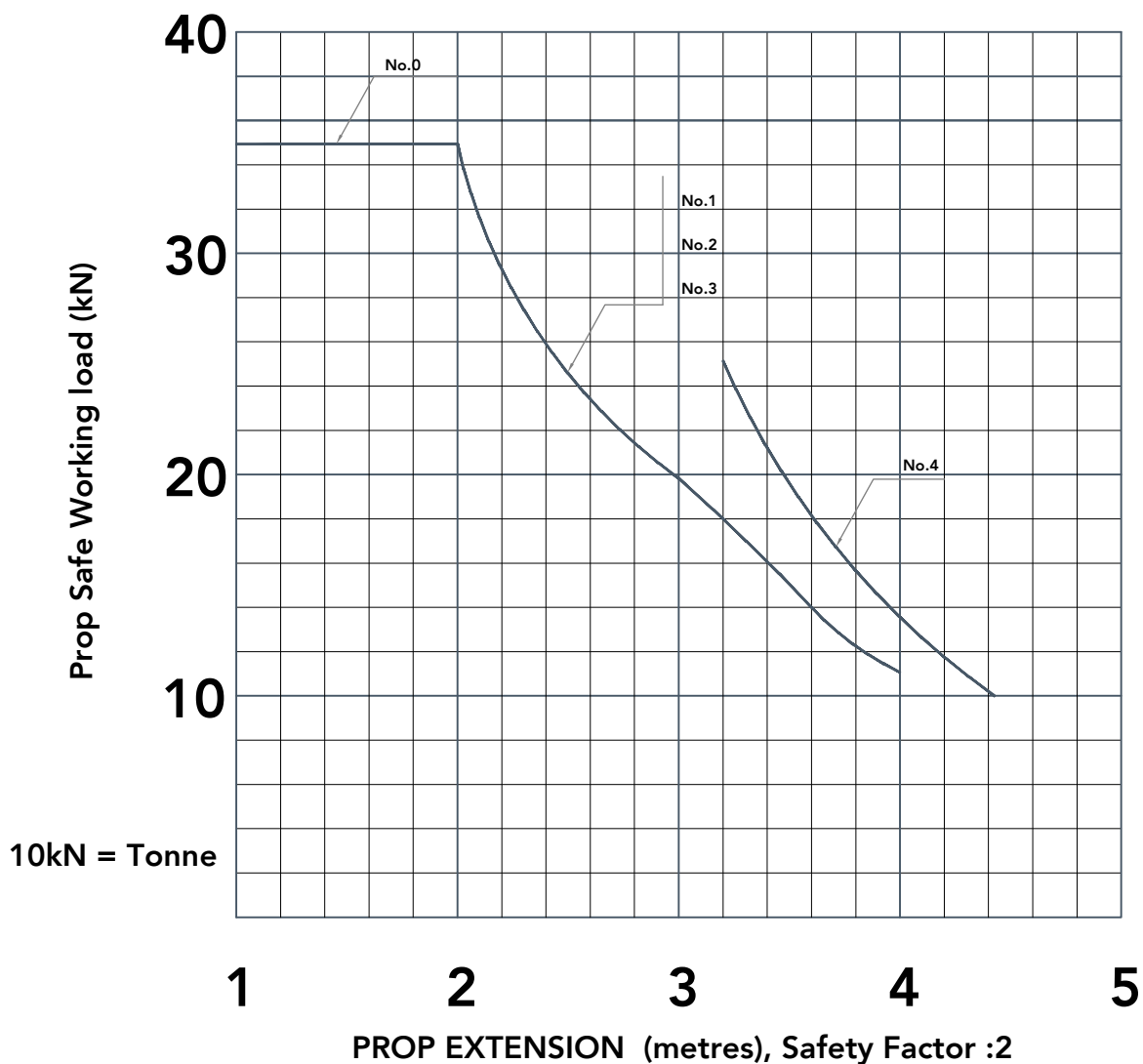
All struts have a Safe Working load of 35 kN (3 1/2 Tonnes) therefore giving constant spacing when sizes have to be mixed.



DESCRIPTION	MINIMUM HEIGHT	MAXIMUM HEIGHT	WEIGHT (kg)
BS Trench Strut No. 0	0.30 m	0.48 m	5.1
BS Trench Strut No. 1	0.45 m	0.68 m	6.2
BS Trench Strut No. 2	0.68 m	1.06 m	8.4
BS Trench Strut No. 3	1.06 m	1.67 m	10.8

TECHNICAL DATA:

SAFE WORKING LOAD FOR FREE STANDING BS PROPS



Props should always be plumb and loaded concentrically.

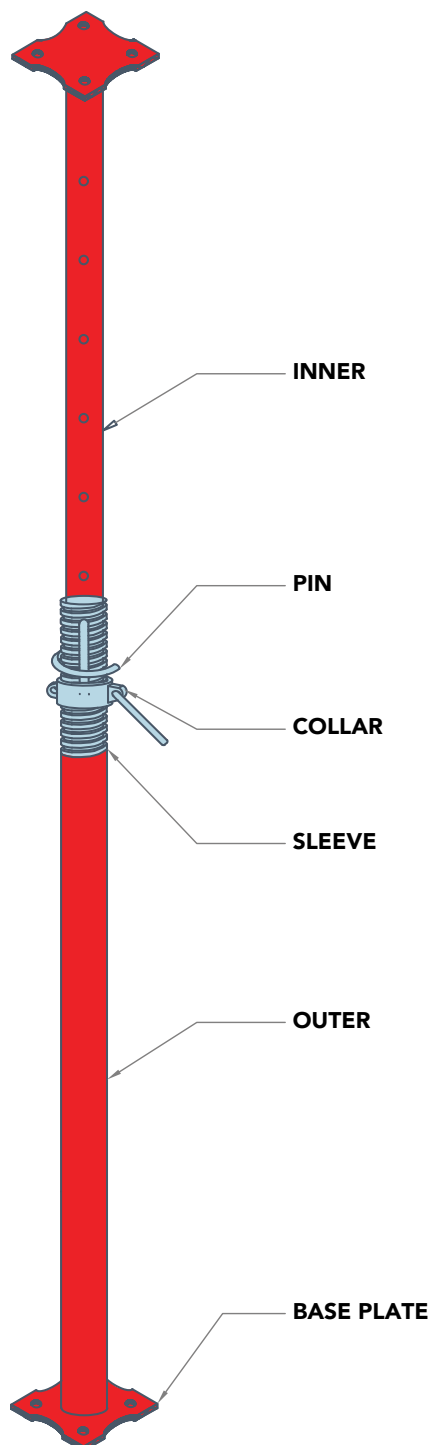
Safe Working loads allow 1.5° out of plumb loaded concentrically.

When using the tables the height of any attachment bolted to the prop must be included in the extension.

EXTENSION	MINIMUM HEIGHT
	OUT OF PLUMB
5.00 m	125mm
4.00 m	100mm
3.00 m	75mm
2.00 m	50mm
1.00 m	25mm

PROPS TECHNICAL DETAILS

LIGHT & MEDIUM DUTY PROPS:

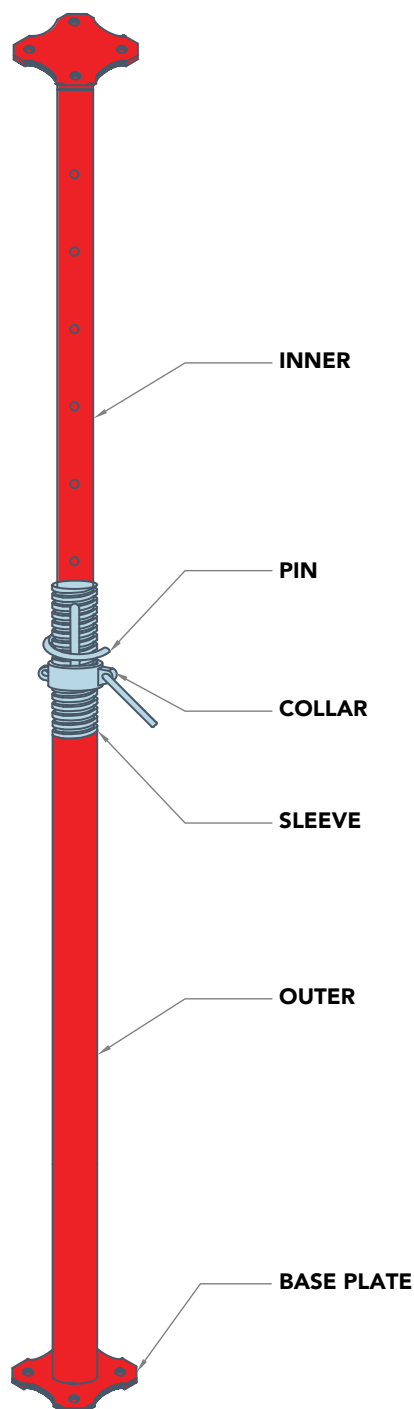


SIZE	MINIMUM HEIGHT	MAXIMUM HEIGHT	WEIGHT (kg)*
5.0 m	3.00 m	5.00 m	15.00
4.0 m	2.50 m	4.00 m	11.75
3.9 m	2.40 m	3.90 m	11.50
3.5 m	2.00 m	3.50 m	10.75
3.0 m	1.75 m	3.00 m	10.00
2.5 m	1.50 m	2.50 m	9.50

* Weight are given for props having 2mm THICK TUBE.
 Props are available in 2, 3.2 & 4mm THICK TUBE.
 Other sizes are available on request.

TECHNICAL DATA:

KOREAN PROPS (3.9M)



SIZE	MINIMUM HEIGHT	MAXIMUM HEIGHT	WEIGHT (kg)*
3.9 m	2.40 m	3.90 m	11.5

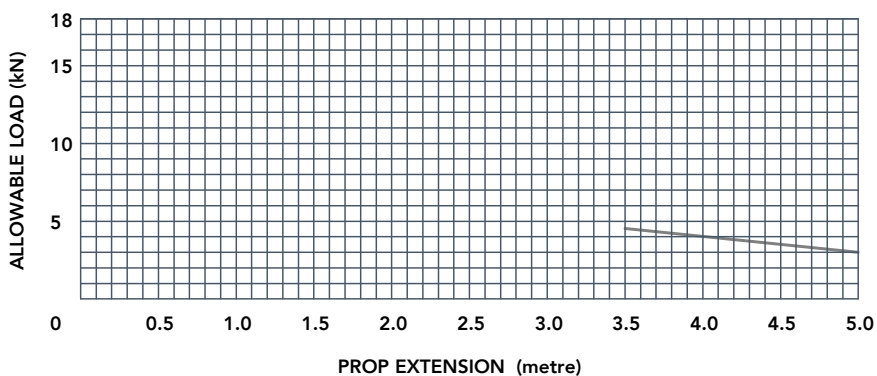
* Weight are given for props having 2mm THICK TUBE.

Props are available in 2, 3.2 & 4mm THICK TUBE.

Other sizes are available on request.

TECHNICAL DATA

SAFE WORKING LOAD FOR KOREAN PROP



Safe Working Load for Korean prop

Inner tube: Ø48.3 x 2.0mm Thick

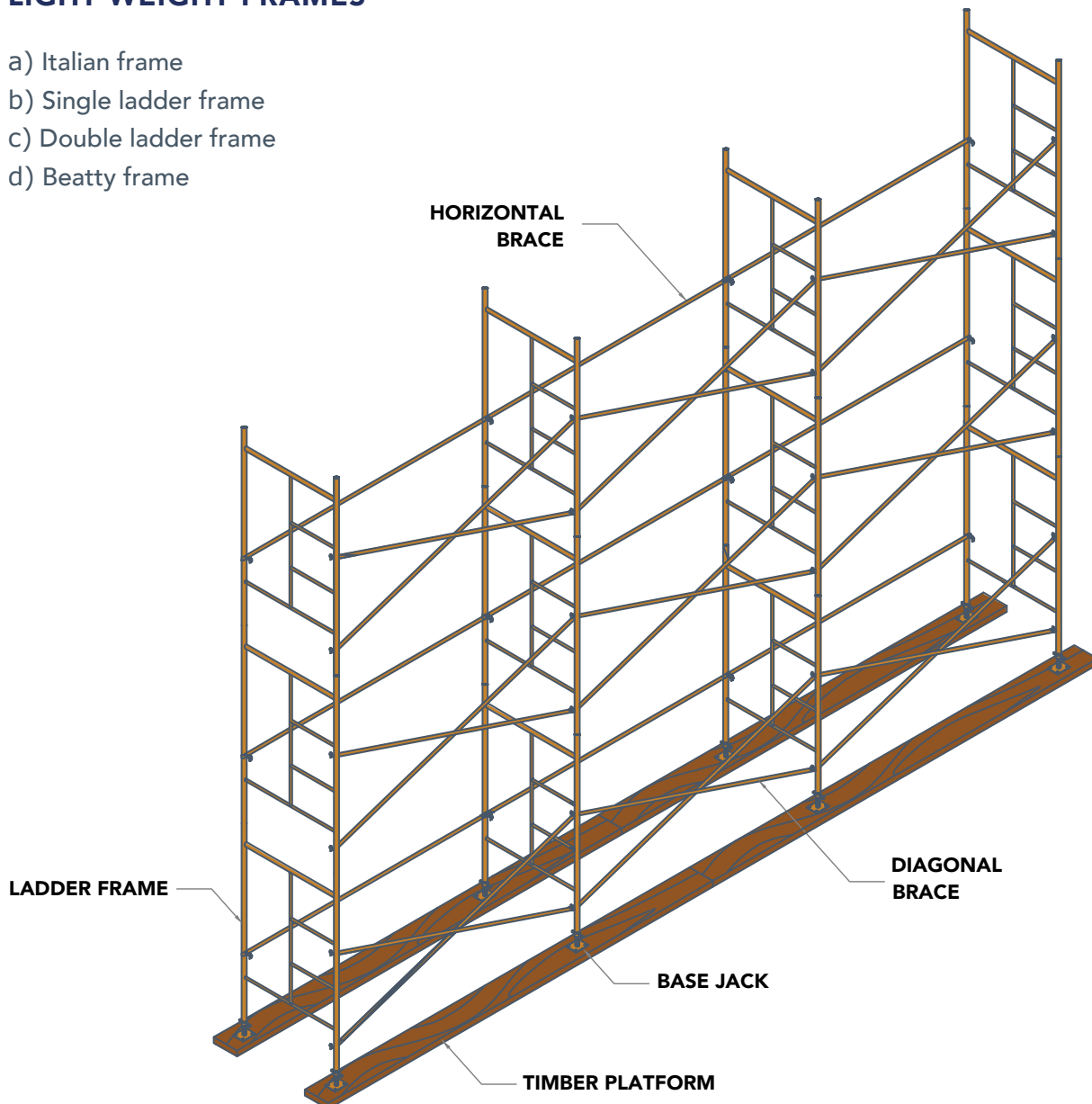
Outer tube: Ø60.3 x 2.0mm Thick

LIGHT WEIGHT FRAMES TECHNICAL DETAILS

- The system has built in spigot and are light weight which allows faster assembly and dismantling.
- No skilled labour required.
- The frame has tubular brace for better rigidity.

LIGHT WEIGHT FRAMES

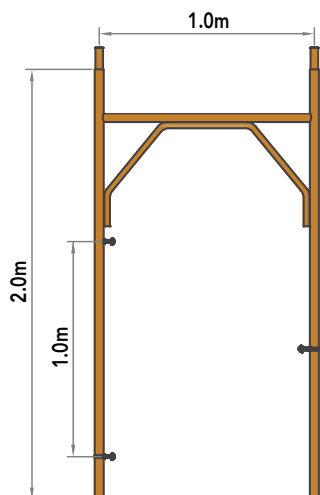
- Italian frame
- Single ladder frame
- Double ladder frame
- Beatty frame



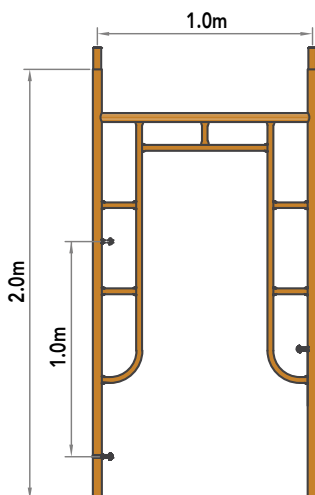
TECHNICAL DETAILS:

- This system is adoptable for shoring in concrete construction works, outside and inside buildings, and in various civil engineering jobs.

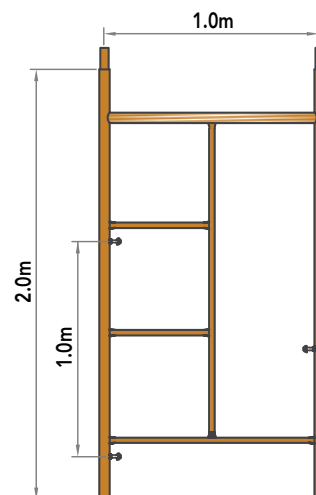
ITALIAN FRAME



DOUBLE LADDER FRAME

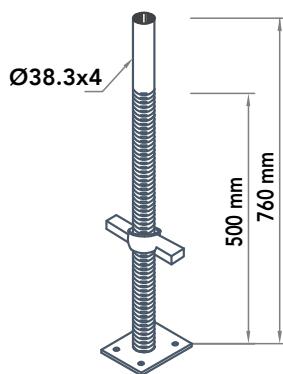


SINGLE LADDER FRAME

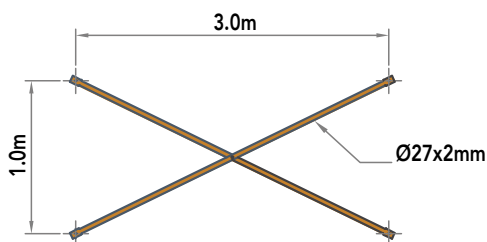


VERTICAL TUBES OF THE FRAME ARE MADE OF Ø48.3X2MM TUBE

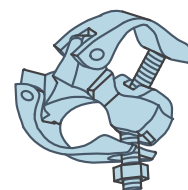
KHK high quality external system is designed to be easy to erect & dismantle without help from professionals. The 'H' Frame, (or) vertical member, has a welded square (or) round pin on top for ease of connection. This allows you to erect the frames faster and to any height with maximum safety & stability. The system is designed not to include any loose fittings inside. The access frame system comes in six different forms all of which confirm with British, Italian, Spanish & Korean standards. Non-standard sizes are available by request, for a small charge.



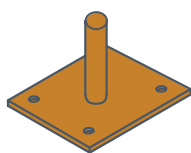
BASE JACK



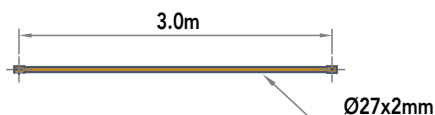
DIAGONAL BRACE



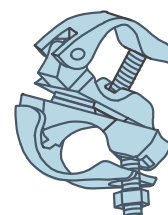
DOUBLE COUPLER



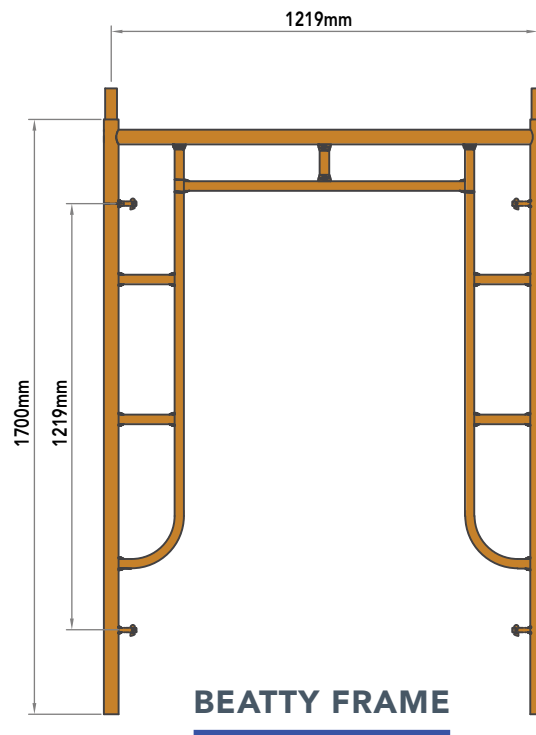
PLAIN BASE PLATE



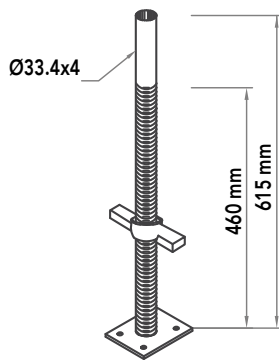
HORIZONTAL BRACE



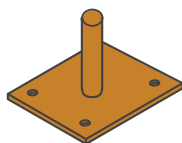
SWIVEL COUPLER



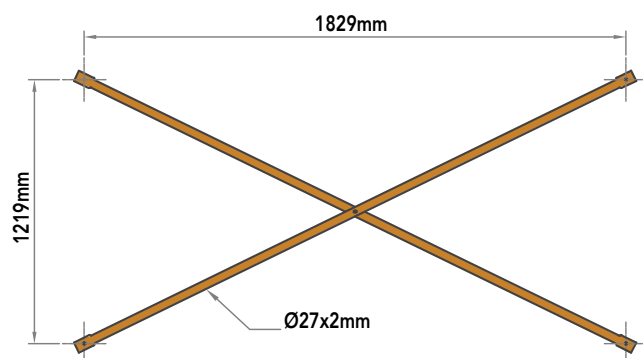
VERTICAL TUBES OF THE FRAME ARE MADE OF Ø42.9x2mm Tube



BASE JACK



PLAIN BASE PLATE



CROSS BRACE

SCAFFOLD TUBES

- Steel tubes of various diameter from 1/2' to 6" are manufactured
- All steel tubes are in accordance with BS standard - BS 1139

EN-10255(TYPE L1 & L2)						
SIZE		OUTER DIAMETER		WALL THICK		WT/MTR
INCH	OD	MIN	MAX	L1	L2	L1/L2
3/4"	26.7	26.4	27.1	2.3	2.3	1.39/1.39
1"	33.7	33.2	34.0	2.9	2.6	2.20/1.98
1 1/4"	42.4	41.9	42.7	2.9	2.6	2.82/2.54
1 1/2"	48.3	47.8	48.6/48.4	2.9	2.9	3.24/3.24
2"	60.3	59.6	60.7/60.2	3.2	2.9	4.49/4.08
2 1/2"	76.1	75.2	76.3/76.0	3.2	3.2	5.73/5.73
3"	88.9	87.9	89.4/88.7	3.6	3.2	7.55/6.72

EN-10255(TYPE L)					
SIZE		OUTER DIAMETER		WALL THICK	WT/MTR
INCH	OD	MIN	MAX	L	
3/4"	26.9	26.4	27.1	2.3	1.4
1"	33.7	33.2	34.0	2.9	2.20
1 1/4"	42.4	41.9	42.7	2.9	2.82
1 1/2"	48.3	47.8	48.6	2.9	3.25
2"	59.6	59.6	60.7	3.2	4.51
2 1/2"	75.2	75.2	76.0	3.2	5.75
3"	87.9	87.9	88.7	3.2	6.76

EN-10255(TYPE M & H)						
SIZE		OUTER DIAMETER		WALL THICK		WT/MTR
INCH	OD	MIN	MAX	M	H	M/H
3/4"	26.9	26.5	27.3	2.6	3.2	1.56/1.87
1"	33.7	33.3	34.2	3.2	4.0	2.41/2.93
1 1/4"	42.4	42.0	42.9	3.2	4.0	3.10/3.79
1 1/2"	48.3	47.9	48.8	3.2	4.0	3.56/4.37
2"	60.3	59.7	60.8	3.6	4.5	5.03/6.19
2 1/2"	76.1	75.3	76.6	3.6	4.5	6.42/7.93
3"	88.9	88.0	89.5	4.0	5.0	8.36/10.3

EN-39					
SIZE		OUTER DIAMETER		WALL THICK	WT/MTR
INCH	OD	MIN	MAX		
1-1/2"	48.3	47.8	48.8	3.2	3.56
1-1/2"	48.3	47.8	48.8	4.0	4.37

* Available in self colour and Galvanized finish



SCAFFOLD TUBES

- Steel tubes of various diameter from 1/2' to 6" are manufactured
- All steel tubes are in accordance with BS standard - BS 1139

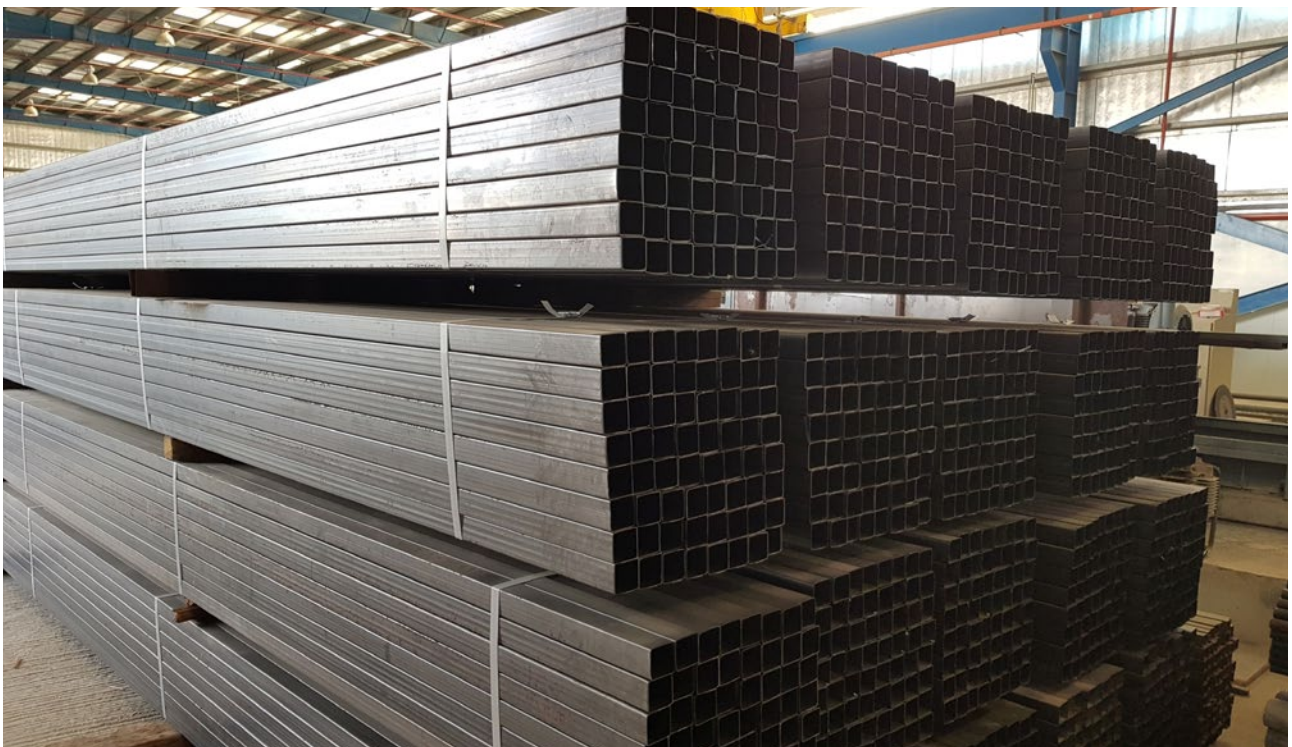
EN-10219 SHS		
SIZE	WALL THICK	WT/MTR
19	2.0	1.23
19	2.5	1.5
19	3.0	1.77
20	2.0	1.56
20	2.5	1.92
20	3.0	2.27
25	2.0	1.99
25	2.5	2.46
25	3.0	2.91
25	4.0	3.79
30	2.0	2.28
30	2.5	2.82
30	3.0	3.35
30	4.0	4.37
38	2.0	2.88
38	2.5	3.56
38	3.0	4.24
38	4.0	5.55
40	2.0	3.65
40	2.5	4.54
40	3.0	6.41
40	4.0	7.11
50	2.0	4.29
50	2.5	5.33
50	3.0	6.36
50	4.0	8.38
60	2.0	3.56
60	2.5	4.39
60	3.0	5.19
60	4.0	6.71

* Available in self colour and Galvanized finish

SCAFFOLD TUBES

- Steel tubes of various diameter from 1/2" to 6" are manufactured
- All steel tubes are in accordance with BS standard - BS 1139

EN-10219 RHS			
SIZE		WALL THICK	WT/MTR
B	H		
40	20	2.0	1.68
40	20	2.5	2.03
40	20	3.0	2.36
50	25	2.0	2.15
50	25	2.5	2.62
50	25	3.0	3.07
50	25	4.0	3.88
60	30	2.0	2.61
60	30	2.5	3.2
60	30	3.0	3.77
60	30	4.0	4.82
80	40	2.0	3.56
80	40	2.5	4.39
80	40	3.0	5.19
80	40	4.0	6.71

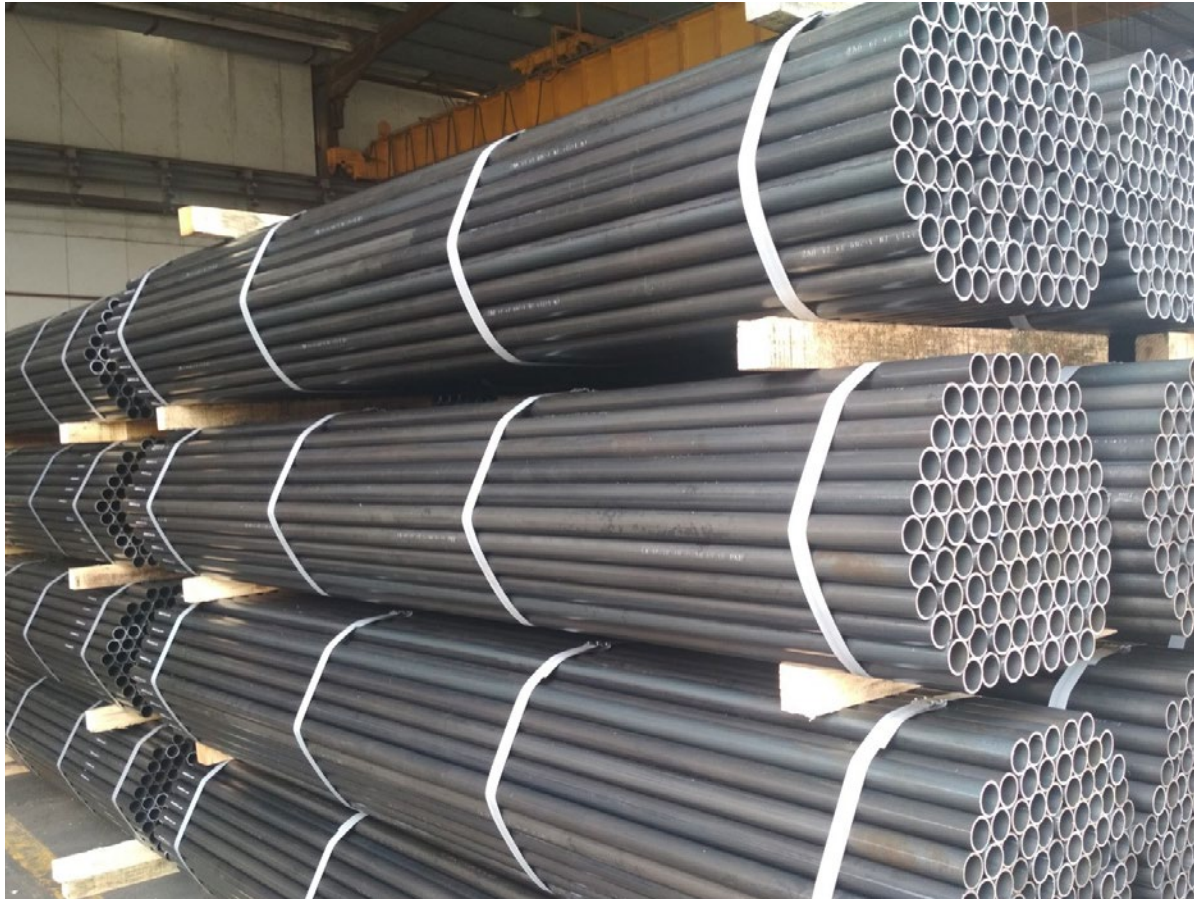


SCAFFOLD TUBES

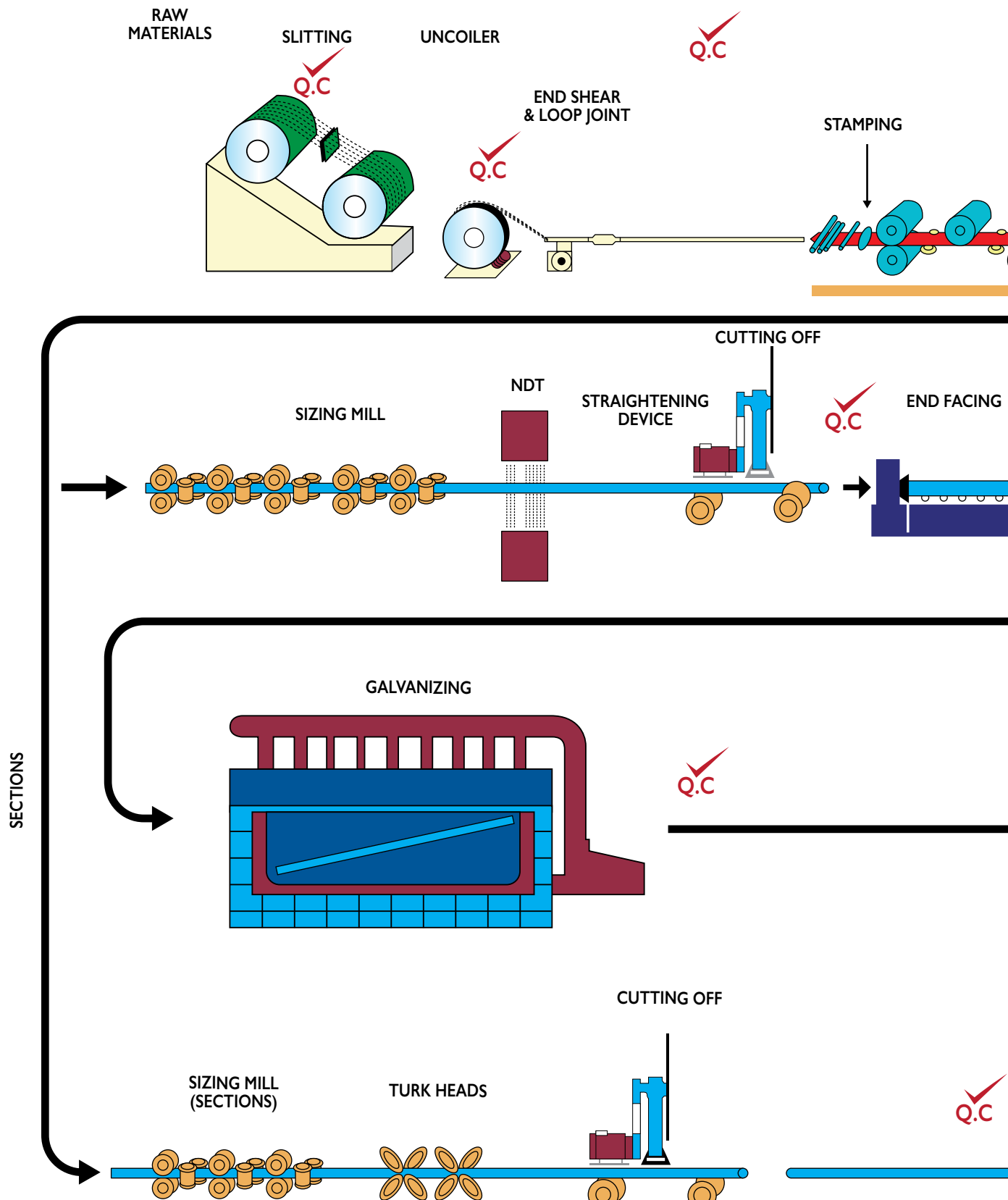
- Steel tubes of various diameter from 1/2' to 6" are manufactured
- All steel tubes are in accordance with BS standard - BS 1139

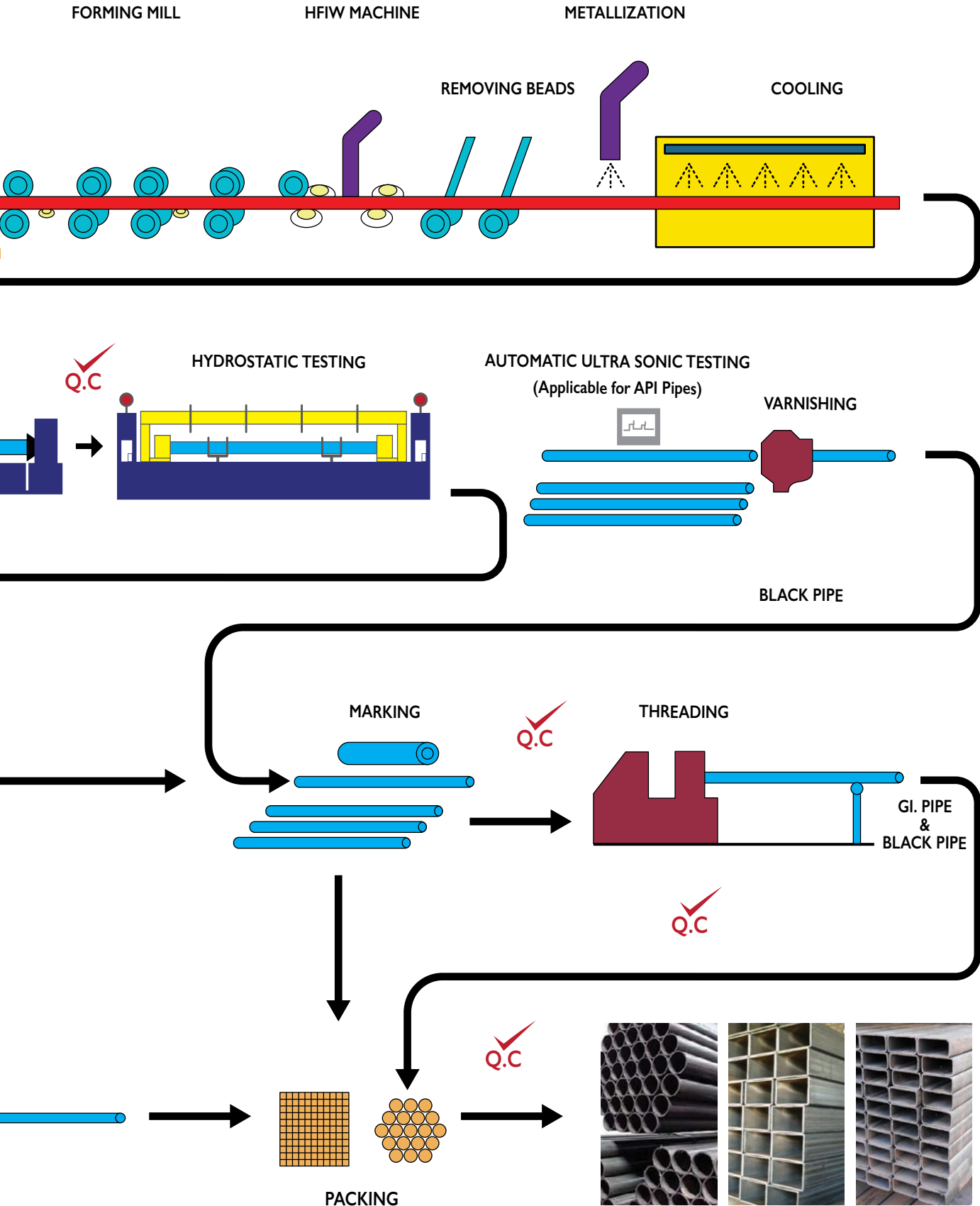
EN-10219 CHS IN 3 GRADES S235/S275 & S355				
SIZE		OUTER DIAMETER	WALL THICK	WT/MTR
INCH	OD			
3/4 "	26.9	26.9	2.0	1.23
3.4 "	26.9	26.9	2.5	1.5
3/4 "	26.9	26.9	3.0	1.77
1 "	33.7	33.7	2.0	1.56
1 "	33.7	33.7	2.5	1.92
1 "	33.7	33.7	3.0	2.27
1-1/4 "	42.4	42.4	2.0	1.99
1-1/4 "	42.4	42.4	2.5	2.46
1-1/4 "	42.4	42.4	3.0	2.91
1-1/4 "	42.4	42.4	4.0	3.79
1-1/2 "	48.3	48.3	2.0	2.28
1-1/2 "	48.3	48.3	2.5	2.82
1-1/2 "	48.3	48.3	3.0	3.35
1-1/2 "	48.3	48.3	4.0	4.37
2 "	60.3	60.3	2.0	2.88
2 "	60.3	60.3	2.5	3.56
2 "	60.3	60.3	3.0	4.24
2 "	60.3	60.3	4.0	5.55
2-1/2 "	76.1	76.1	2.0	3.65
2-1/2 "	76.1	76.1	2.5	4.54
2-1/2 "	76.1	76.1	3.0	6.41
2-1/2 "	76.1	76.1	4.0	7.11
3 "	88.9	88.9	2.0	4.29
3 "	88.9	88.9	2.5	5.33
3 "	88.9	88.9	3.0	6.36
3 "	88.9	88.9	4.0	8.38

* Available in self colour and Galvanized finish



PROCESS FLOW DIAGRAM







DOUBLE COUPLER (FORGED TYPE)

Forged type double couplers provide stronger grip. Easier to handle when connecting standard to standard or ledger to ledger and any tube having an outside diameter of 48.3mm at right angle or 90°.

Weight: 1.00 kg.



SLEEVE COUPLER

A coupler designed with wrapping facility for end to end connection of any scaffold tube to form a butt joint connection.

Weight: 1.25 kg.



SWIVEL COUPLER (FORGED TYPE)

Forged type swivel couplers are flexible than the double couplers since it can connect two 48.3mm outside diameter tube at any angle.

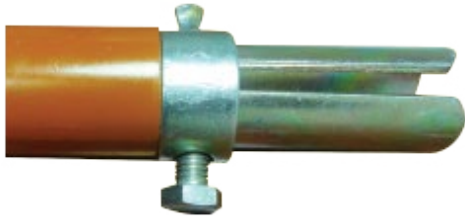
Weight: 1.00 kg.



PUTLOG COUPLER (FORGED TYPE)

Designed to join putlogs or transoms to ledger allowing scaffold board to be laid across on top of the putlogs or transsoms.

Weight: 0.65 kg.



JOINT PIN

A fitting designed with utilities as the sleeve coupler except that it is connected internally.

Weight: 0.82 kg.



GRAVLOCK GIRDER COUPLERS

Designed to connect scaffold tube to beam or girder flange.

A pair of gravlock girder couplers must always be used.

Weight: 1.30 kg.



PROP BRACING SWIVEL COUPLER

Designed to connect standard scaffolding tube to the prop inner tube at 90°.

Weight: 1.3 kg.



BOARD RETAINER CLAMP BRC (FORGED TYPE)



SWIVEL COUPLER (PRESSED TYPE)

Pressed type swivel couplers are flexible than the double couplers since it can connect two 48.3mm outside diameter tube at any angle.

Weight: 1.00 kg.



DOUBLE COUPLER (PRESSED TYPE)

Pressed type double couplers provide stronger grip. Easier to handle when connecting standard to standard or ledger to ledger and any tube having an outside diameter of 48.3mm at right angle or 90°.

Weight: 1.00 kg.



BOARD RETAINER CLAMP (PRESSED TYPE)



LADDER CLAMP



SINGLE COUPLER (PRESSED TYPE)



TAURANI HOLDINGS LTD is a multinational conglomerate headquartered in Dubai, United Arab Emirates. It operates in four continents with more than 10,000 employees worldwide. THL was founded in 1976 as a group of manufacturing, trading and servicing companies catering to a vast multitude of sectors across various markets.

With annual turn over of US\$200 Million, the group has eventually ventured into every trade arena through well-defined business strategies. An able leadership and a highly dedicated work force across the group are the key elements that engineer its evolution.

As a global business conglomerate, the group's ability to understand, innovate and operate in a multicultural world ensures its long-term sustainability and, specifically, impacts its ability to meet the group's underlined growth trajectory.

GROUP ASSOCIATES





KHK - Scaffolding & Formwork LLC

is at the cutting-edge of technology in scaffolding & formwork system solutions over more than 30 years.

Quality, reliability and timely delivery are our founding principles.

To explore more products and solutions, you may order individual catalogues on;

-  **K-RING ACCESS**
-  **K-LOCK SLAB FORMWORK**
-  **K-LOCK ACCESS**
-  **K-STAGE SLAB & ACCESS**
-  **FRAMES/TUBES/PROPS**
-  **WALL FORMWORK**
-  **EN PROPS**



Head Office & Factory:

New Industrial Area • P.O. Box: 2701, Ajman-U.A.E

Tel: +971-6-7439013, Fax: +971-6-7439017 • Email: khkscaf@emirates.net.ae

www.khk-scaffolding.com

Distribution Centres:



BRISKO SCAFFOLDING LIMITED

Unit 16, Kingsmill Business Park, Chapel Mill Lane,
Kingston upon Thames, KT1 3GZ, UK
Tel: +44-208 974 6923, Fax: +44-208 549 6850



PRIME METAL CORP. USA

653 State Route 52, Walden,
NY 12586 USA
Tel: +1-845 778 4545, Fax: +1-845 778 4218



WINSTON SCAFFOLDING PTY LTD.

T/A KHK Scaffoldings Australia
2 Stacey Street, Bankstown NSW 2200
Tel: +61-297 938 001, Fax: +61-297 932 382

ALLOY GLOBAL INC

2425 Matheson Blvd East, 8th Floor
Mississauga, ON L4W 5K4, Canada
Tel: +1-905 361 6400