

Huatraco®

Steel Frame Scaffolding - MS1462 & Steel Props



Projects

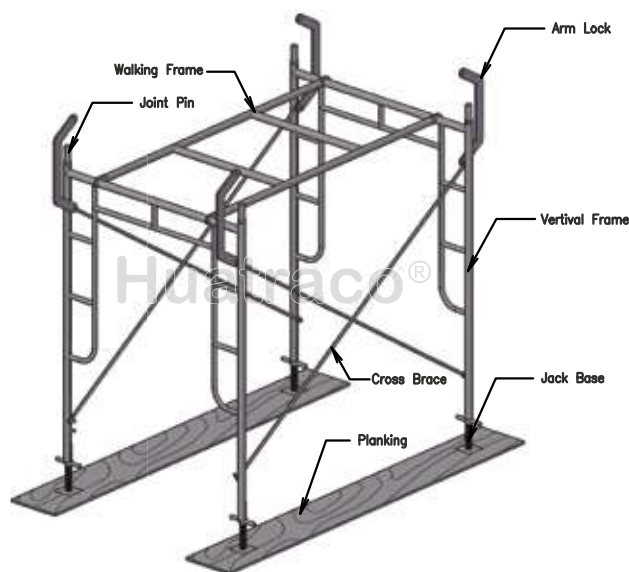


Condominium

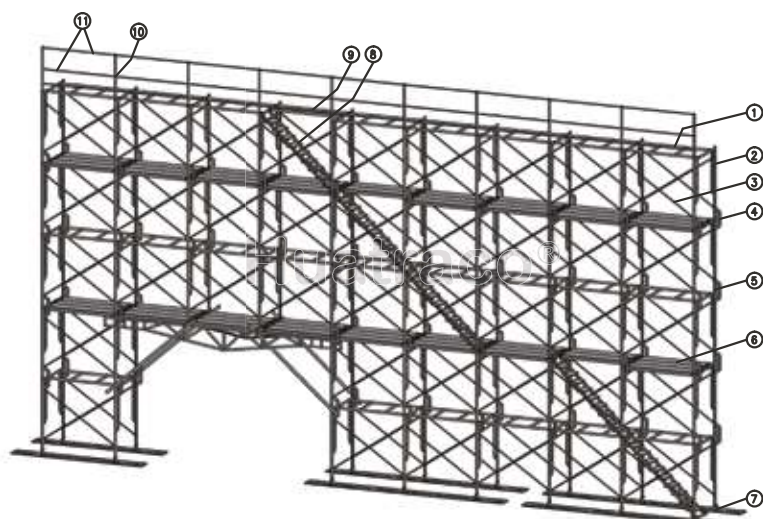


Steel Frame Scaffolding - MS1462

Basics Of Assembling External Scaffolding

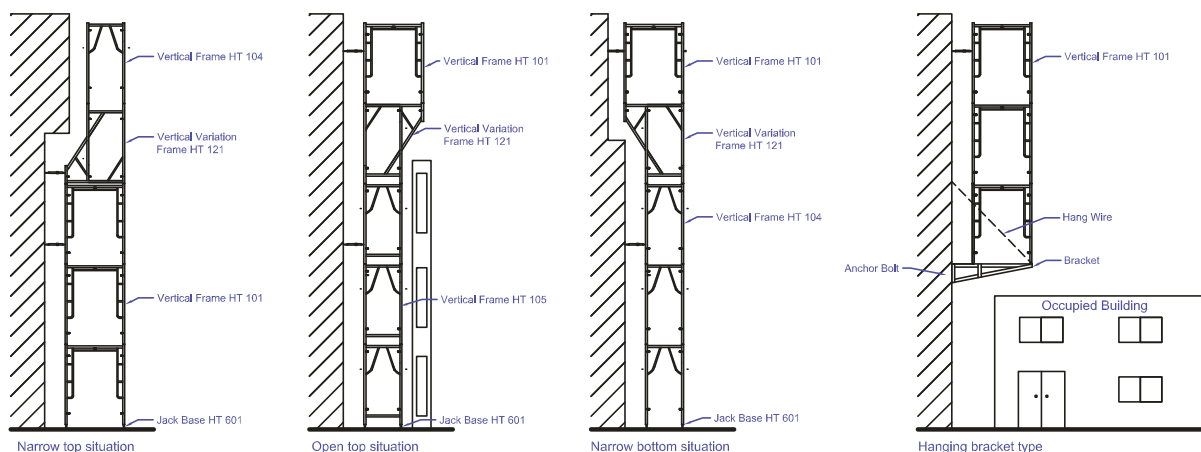


1. Lay wooden planks in horizontal position and install jack bases at above.
2. Insert vertical frames into jack base as per drawing.
3. Insert arm locks to ensure stability and safety.
4. Fix the cross braces to the frames.
5. Fix the lock into walking frame. It is recommended that walking frame should be installed in between 3-5 storeys.
6. Insert joint pins into each ends of the frame and repeat the above process for greater heights.



1. HT 202 Walking Frame
2. HT 102 Vertical Frame
3. HT 301 Cross Brace
4. HT 801 Arm Lock
5. HT 701 Joint Pin
6. HT 205 Walking Board
7. HT 601 Jack Base
8. HT 514 Stair
9. HT 201 Walking Frame
10. HT 901 Hand Rail Pole
11. HT 902 Hand Rail

The above shows components required and erecting method for external scaffolding.



Whenever special features persist causing problems in erection of external scaffolding, the above methods are preferred.

Steel Frame Scaffolding - MS1462

Scaffolding Components List

HT 101 Vertical Frame	HT 101A Vertical Frame	HT 102 Vertical Frame	HT 103 Vertical Frame																																			
HT 104 Vertical Frame <table><thead><tr><th>CODE</th><th>A</th><th>B</th><th>C</th><th>D</th></tr></thead><tbody><tr><td>HT 104</td><td>762</td><td>1700</td><td>1219</td><td>329</td></tr><tr><td>HT104A</td><td>762</td><td>1524</td><td>1219</td><td>153</td></tr><tr><td>HT 104B</td><td>762</td><td>1219</td><td>914</td><td>153</td></tr><tr><td>HT 104C</td><td>762</td><td>914</td><td>610</td><td>152</td></tr><tr><td>HT 104D</td><td>762</td><td>490</td><td>280</td><td>58</td></tr><tr><td>HT 104E</td><td>762</td><td>2000</td><td>1219</td><td>629</td></tr></tbody></table>	CODE	A	B	C	D	HT 104	762	1700	1219	329	HT104A	762	1524	1219	153	HT 104B	762	1219	914	153	HT 104C	762	914	610	152	HT 104D	762	490	280	58	HT 104E	762	2000	1219	629	HT 105 Vertical Frame	HT 106 Vertical Frame	
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HT 107 Ladder Type Frame	HT 108 Ladder Type Frame	HT 109 Adjusting Frame	HT 201,202,203 Walking Frame																																			
HT 110 Adjusting Frame	HT 121 Vertical Variation Frame	HT 301 Cross Brace <table><thead><tr><th>CODE</th><th>LENGTH (L)</th><th>HT (H)</th><th>LG</th></tr></thead><tbody><tr><td>HT 301A</td><td>1829</td><td>1219</td><td>2198</td></tr><tr><td>HT 301B</td><td>1829</td><td>914</td><td>2045</td></tr><tr><td>HT 301C</td><td>1829</td><td>610</td><td>1928</td></tr><tr><td>HT 301D</td><td>1829</td><td>280</td><td>1850</td></tr><tr><td>HT 301E</td><td>1219</td><td>1219</td><td>1724</td></tr><tr><td>HT 301F</td><td>1219</td><td>610</td><td>1363</td></tr><tr><td>HT 301G</td><td>1219</td><td>280</td><td>1251</td></tr><tr><td>HT 301H</td><td>1524</td><td>1219</td><td>1952</td></tr></tbody></table>	CODE	LENGTH (L)	HT (H)	LG	HT 301A	1829	1219	2198	HT 301B	1829	914	2045	HT 301C	1829	610	1928	HT 301D	1829	280	1850	HT 301E	1219	1219	1724	HT 301F	1219	610	1363	HT 301G	1219	280	1251	HT 301H	1524	1219	1952
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Steel Frame Scaffolding - MS1462

Scaffolding Components List

HT 205 Walking Board



HT 514 Stair



CODE	A	B
HT 514B	1829	1725
HT 514D	1829	1955

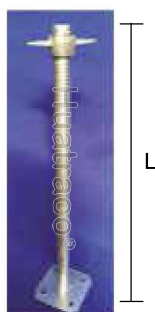
HT 486GI Pipe



CODE	Size	Thickness	Length
HT 486 A GI	48.6mm	2.0mm	6m
HT 486 B GI	48.6mm	2.4mm	6m (STK 500)
HT 486 C GI	48.3mm	4.0mm	6m (BS 1139)

HT 601 Jack Base

CODE	DIA (Ø)	LENGTH (L)				
		A	B	C	D	E
601	Ø32mm	400	600	750	900	1000
621B	Ø30mm	400	600	750	900	1000
631B	Ø34mm	400	600	750	900	1000



HT 602U - Head

CODE	DIA (Ø)	LENGTH (L)				
		A	B	C	D	E
602	Ø32mm	400	600	750	900	1000
622B	Ø30mm	400	600	750	900	1000
632B	Ø34mm	400	600	750	900	1000



HT 701 Joint Pin



HT 801 Arm Lock



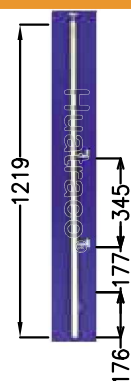
HT 603 Caster



HT 604 Base Plate



HT 901 Hand Rail Pole



HT 902 Hand Rail



HT 902 A Hand Rail

HT 486 S/F Clamp



Note: Special size can be make upon customer request.

Unit : mm

Steel Props



Set the pin into the hole of inner tube.



Adjust the height by sliding the screw position.

Steel Props are made of pipes of high quality material attached with accessories. They replace timber props in construction as they are easy to assemble, economical to use and time saving.

1. Easy to assemble

- a) Extend tube to required height.
- b) Set pin through hole of inner tube.
- c) Obtain exact height by sliding the screw position for minor adjustment.

2. Economical to use

Steel props take more weight than timber props. They can be placed up to 2 metres apart depending on circumstances and less numbers are used making it economical.

3. Time Saving

Fewer props means less labour involved and ease of assembling also saves time.

Steel Props

ADJUSTABLE STEEL PROP COMPLY TO MS EN 1065

PRODUCT CODE	LENGTH (mm)		NOMINAL CHARACTERISTIC STRENGTH*	
	MIN.	MAX.	(kN)	(ton)
HSB35	2020	3500	19.4	2.0
HSB55	2920	5500	12.4	1.3
HSC35	2020	3500	29.1	3.0
HSC55	2920	5500	18.6	1.9

*minimum nominal characteristic strength at fully extended length

HS B55



HS C55

