
FORMWORK MANUAL



STEEL PROPS

Light type Steel Props

Surface treatment:

Power coating, dipping paint, electro-galvanized, hot-dip galvanized, pre-galvanized

The size can be customized

◎ Light type -Spanish props

Min height	Max height	Inner tube	Outer tube	Thickness
1.6m	2.9m	40mm	48mm	1.4~2.5mm
1.7m	3.0m	40mm	48mm	1.4~2.5mm
1.8m	3.2m	40mm	48mm	1.4~2.5mm
2.0m	3.5m	40mm	48mm	1.4~2.5mm
2.2m	4.0m	40mm	48mm	1.4~2.5mm



TIANJIN ZHIYI METAL PRODUCTS CO.,LTD

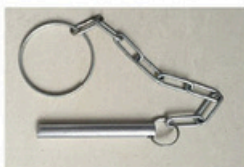
© Light type -Italian props

Min height	Max height	Inner tube	Outer tube	Thickness
1.6m	2.9m	48mm	56mm	1.4~2.5mm
1.7m	3.0m	48mm	56mm	1.4~2.5mm
1.8m	3.2m	48mm	56mm	1.4~2.5mm
2.0m	3.5m	48mm	56mm	1.4~2.5mm
2.2m	4.0m	48mm	56mm	1.4~2.5mm



Heavy type props

Min height	Max height	Inner tube	Outer tube	Thickness
1.6m	2.9m	48mm	60mm	1.4~4.0mm
1.7m	3.0m	48mm	60mm	1.4~4.0mm
1.8m	3.2m	48mm	60mm	1.4~4.0mm
2.0m	3.5m	48mm	60mm	1.4~4.0mm
2.2m	4.0m	48mm	60mm	1.4~4.0mm
2.8m	5.0m	48mm	60mm	2.0~4.0mm
3.2m	6.0m	48mm	60mm	2.0~4.0mm



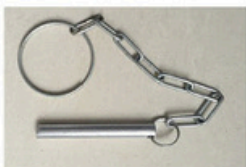
© Light type -Italian props

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1.6m	2.9m	48mm	56mm	1.4~2.5mm
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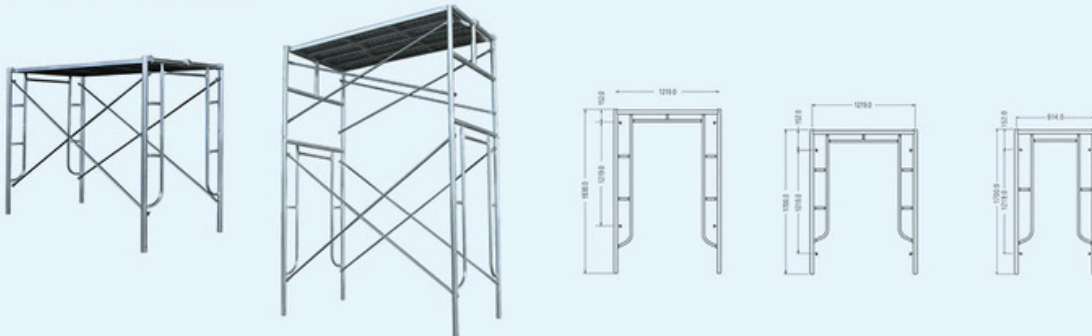


Frame scaffolding

The recommended general sizes are as follows:

Main tube	Sub tube	Regular size	Surface treatment	Remark
42*2.5mm	25*1.5mm	1219*1930mm		
42*2.2mm	25*1.5mm	1219*1700mm	Paint	Can be
42*2.0mm	25*1.5mm	914*1700mm	Pre-galvanize	customized
42*1.8mm	25*1.5mm	914*1930mm		

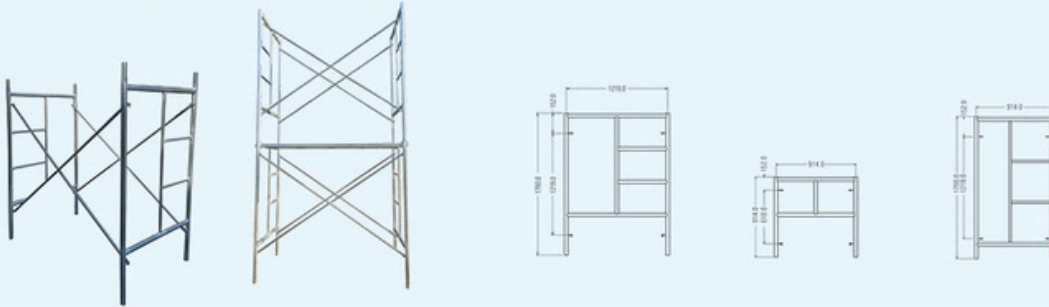
Frame scaffolding -Type 1



The recommended general sizes are as follows:

Main tube	Sub tube	Regular size	Surface treatment	Remark
42*2.5mm	25*1.5mm	1219*1930mm		
42*2.2mm	25*1.5mm	1219*1700mm	Paint	Can be
42*2.0mm	25*1.5mm	914*1700mm	Pre-galvanize	customized
42*1.8mm	25*1.5mm	914*1930mm		

Frame scaffolding -Type 2



STEEL PROPS AND SCAFFOLDING SYSTEMS

◎ Formwork accessories



Gasket



Hex nut



Waterstop nuts



Gasket



Formwork folder



Formwork folder



Rapid clamp



K nut



Fcolumn clamp



Formwork Pin



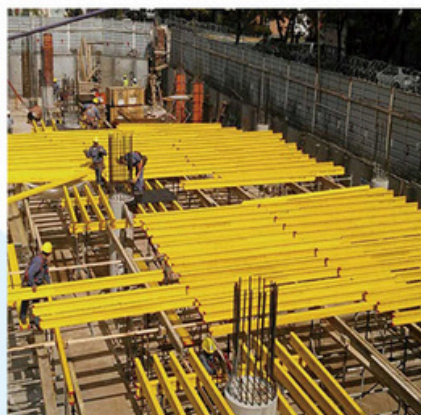
Flat Tie



Wedge clamp

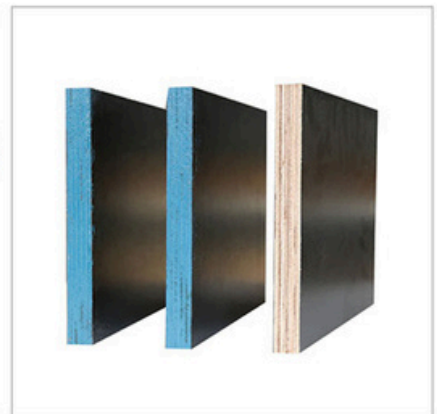
H20 Beam

Material	New Zealand Radiate Pine LVL ,Solid Pine/Spruce,Poplar LVL,Plywood,3 ply board.
Size	200/160mm(height)*80mm(width)*40mm(flange thickness)
Thickness	1.90, 2.45, 2.75, 2.90, 3.00, 3.30, 3.60, 3.90, 4.50, 4.90, 5.90 m, up to 12m (any special length on clients' request)
Length	EN13377:2002 & DIN V 20000-2 standard
Finish	4.7-5.5kg/m
Application	slab formwork system,vertical formwork(wall,column,hydraulic climbing,etc.), adjustable arced formwork etc. etc



Film Faced Plywood

Standard sizes	1220x2440mm, 1250*2500mm, etc
Size	4,9,12,15,18,21,25mm
F&B	brown film, Black film, red film, green film and so on
Finish	Smooth, mesh(anti-slip), with or without logo (customized logo by customers)
Formaldehyde release	$E1 \leq 1.5\text{mg/L}$ $E2 \leq 5.0\text{mg/L}$
Cycle life	6-20 times





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