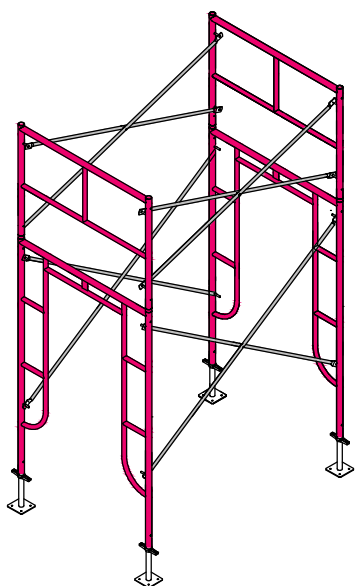
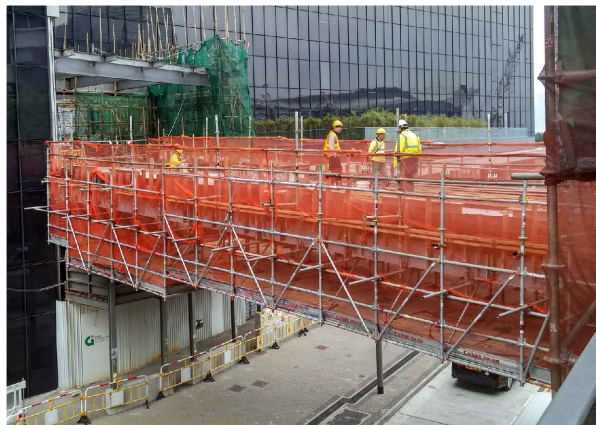


CANYON

金源通架工程有限公司
CANYON METAL SCAFFOLDING
ENGINEERING LIMITED

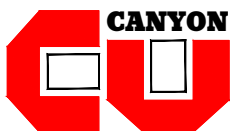


TOYO SYSTEM **CATALOGUE 2017**

Introducing our latest toyo scaffold products



ISO 9001 : 2008



COMPANY INTRODUCTION & CONTENTS

COMPANY INTRODUCTION

CANYON DEVELOPMENT LTD was established in 1985.

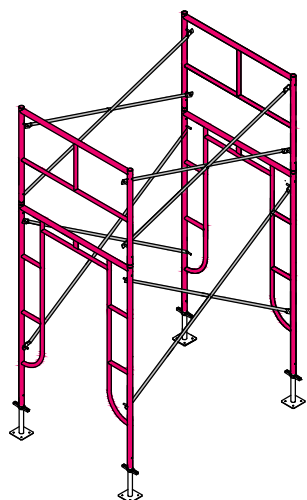
CANYON METAL SCAFFOLDING ENGINEERING LTD was established in 2005 and has been awarded ISO 9001:2008 Certificate from HKQAA.

Our core business provides a wide variety of metal scaffolding equipment, steel falsework and formwork system. We are proud to be one of the pioneers in metal scaffolding in Hong Kong, encompassing the spirit of professionalism and reliability, as well as participation in most of the huge formwork and scaffolding projects in the territory.

CONTENTS

TOYO SCAFFOLD

INTRODUCTION	T1-T2
FRAME	T3
COMPONENT	T4
CATWALK	T5
STAIRCASE & GUARDRAIL	T6
APPLICATION	T7
STEEL PROP	T8



TOYO SCAFFOLD

輕型通架

It is the most widely used falsework system for its simplicity of assemblage, comparative light in weight, high strength and safety.

Application

Toyo Scaffolding can be applied to various outdoor and indoor uses; the scaffolding for outdoor building works, the shorings, supports, shatterings, towers and bleachers. The Basic unit is frame type. With the combination of Base Jack, cross brace, joint pins, steel tube & couplers, Toyo scaffolding can formulate a comprehensive falsework system as well as the access & rolling tower.

Various sizes of the Toyo's Steel Prop are also available for speedy propping work.



Rolling Tower



Toyo Scaffold System for Falsework



Access Tower

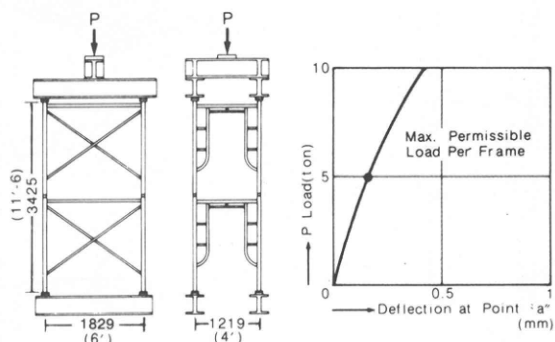


External Scaffolding

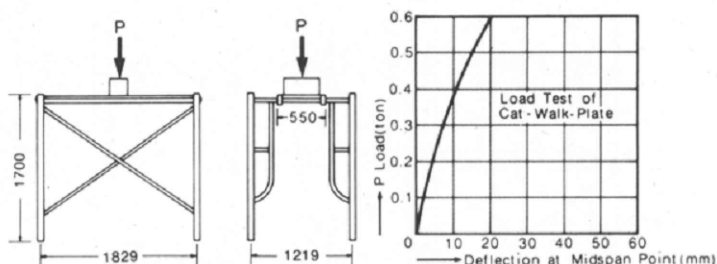
Toyo frames are manufactured from structural carbon steel with main load-bearing members having an outside diameter of 43mm.

LOAD TESTS

Frame TFR-A1217B



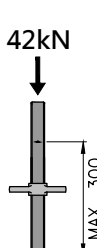
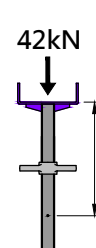
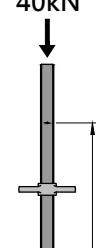
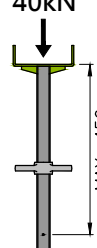
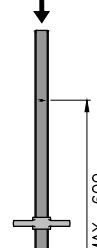
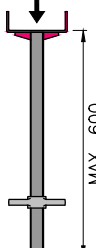
Catwalk TCA-TK6CG



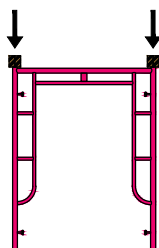
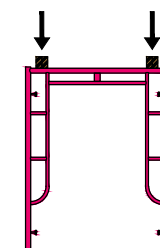
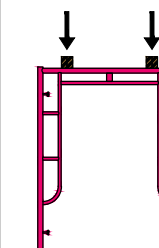
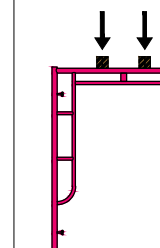
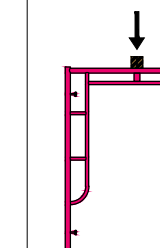
Safety Working Loads on Frame (Factor of Safety: 2)

Loading	Product Code
25 kN (2.5 t) per leg	TFR-A1217B, TFR-A1217BG, TFR-A1215, TFR-A1215G, TFR-A1212L, TFR-A1212LG, TFR-A1209L, TFR-A1209LG, TFR-A1204L
22.5 kN (2.25 t) per leg	TFR-A1219, TFR-A1219G

Safety Working Loads on Jack Components (Factor of Safety: 3.5)

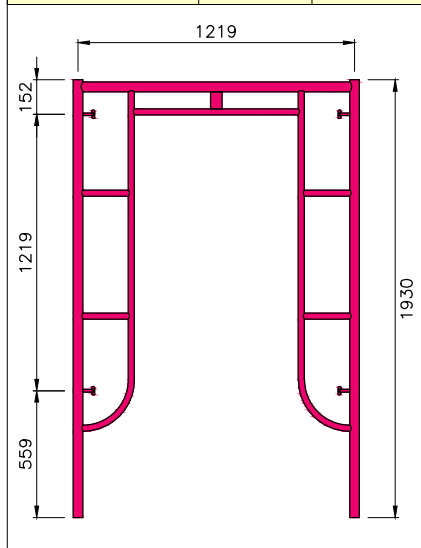
TJK-40B	TJK-40H	TJK-60B	TJK-60H	TJK-78B	TJK-78H
					

Reduction in strength, depending upon positions where frame load is applied

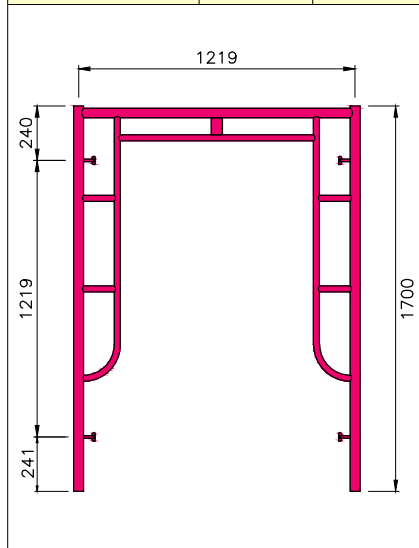
Point of load					
Max load per frame p max	10.0 t	9.1 t	7.5 t	5 t	3 t
Allowable load	5.0 t	3.5 t	3.0 t	2.0 t	1.2 t

Note: For load point, square pipe material 100x100mm is recommended to use

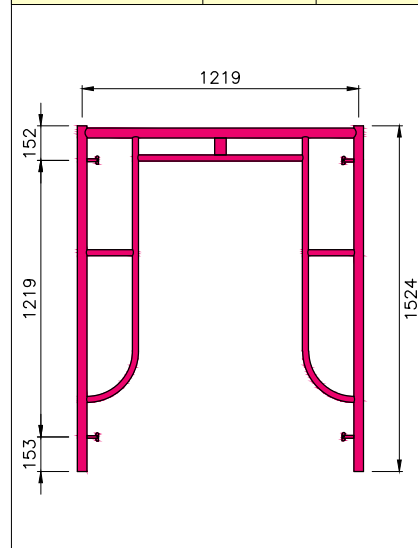
Frame	Coating	Weight
TFR-A1219	Painted	21.5kg
TFR-A1219G	Galv.	21.5kg



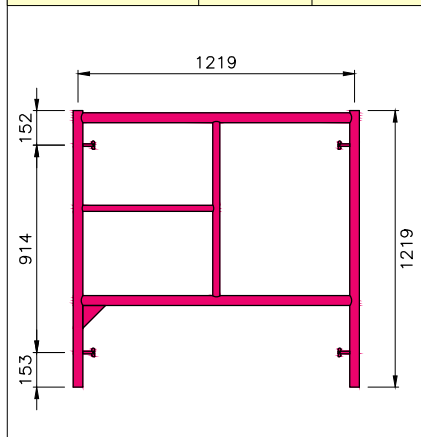
Frame	Coating	Weight
TFR-A1217B	Painted	16.5kg
TFR-A1217BG	Galv.	16.5kg



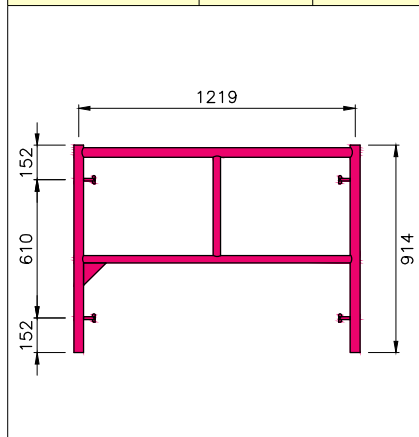
Frame	Coating	Weight
TFR-A1215	Painted	17.5kg
TFR-A1215G	Galv.	17.5kg



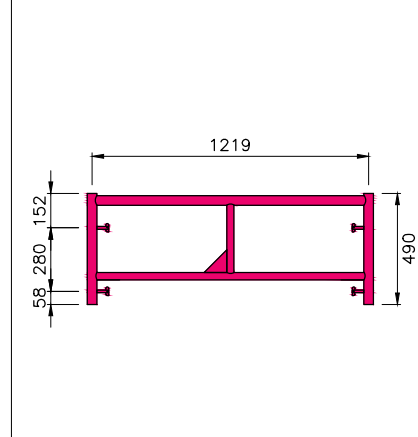
Frame	Coating	Weight
TFR-A1212L	Painted	15.0kg
TFR-A1212LG	Galv.	15.0kg



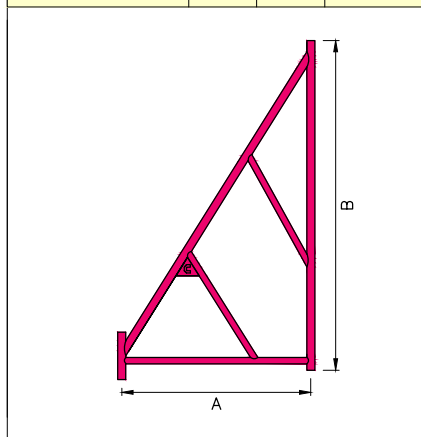
Frame	Coating	Weight
TFR-A1209L	Painted	11.0kg
TFR-A1209LG	Galv.	11.0kg



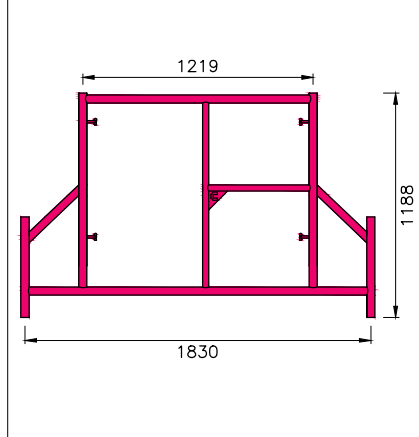
Frame	Coating	Weight
TFR-A1204L	Painted	9.1kg



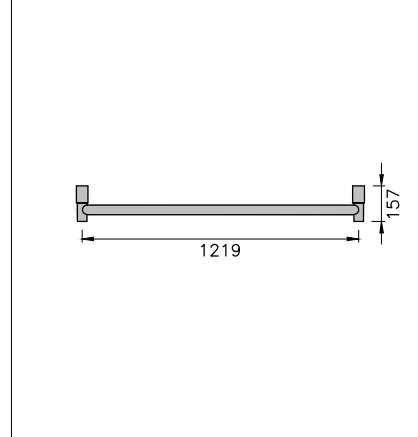
Outrigger Frame	A	B	Weight
TSP-OR1017	1000	1745	12.4kg
TSP-OR0910	900	1084	7.8kg



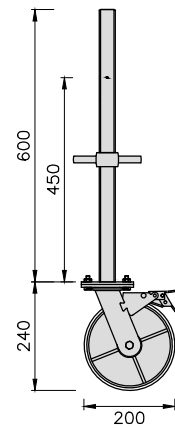
Outrigger Frame	Coating	Weight
TFR-A1811BL	Painted	19.3kg



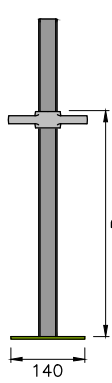
Base Bar	Coating	Weight
TPT-BB1219	Painted	3.2kg



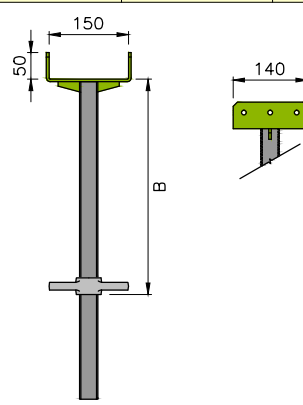
Adjustable Jack Castor	Weight
TWH-2060PA	10.3kg



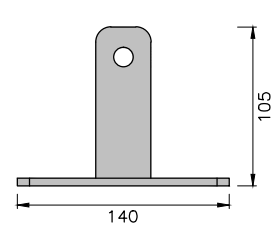
Base Jack	B	Weight
TJK-78B	100 ~ 600	5.9kg
TJK-60B	100 ~ 450	4.9kg
TJK-40B	100 ~ 300	3.7kg



U-Head Jack	B	Weight
TJK-78H	100 ~ 600	6.7kg
TJK-60H	100 ~ 450	5.5kg
TJK-40H	100 ~ 300	4.2kg

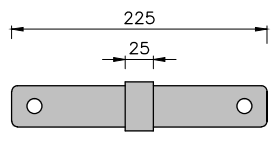


Base Plate	Weight
TJK-A15BP	0.9kg

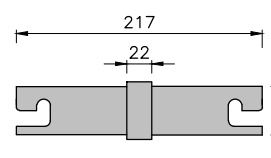
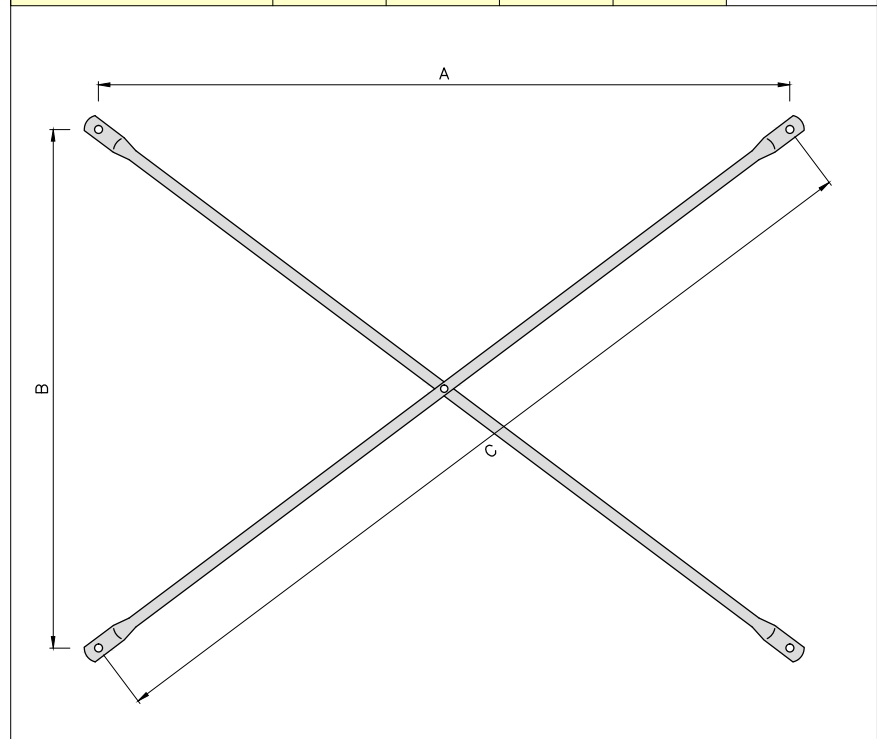


Cross Brace (Galv.)	A	B	C	Weight	Marking
TCB-X1812	1829	1219	2198	4.2kg	Red / 紅
TCB-X1809		914	2045	4.0kg	Blue / 藍
TCB-X1806		610	1928	3.7kg	Pink / 粉紅
TCB-X1512	1524	1219	1952	3.7kg	Orange / 橙
TCB-X1506		610	1642	3.2kg	Yellow / 黃
TCB-X1212		1219	1724	3.3kg	Blue / 藍
TCB-X1209	1219	914	1524	2.9kg	Green / 綠
TCB-X1206		610	1363	2.6kg	Sky Blue / 天藍
TCB-X0909	914	914	1293	2.5kg	Brown / 啡
TCB-X0906	914	610	1099	2.2kg	Purple / 淺紫
TCB-X0606	610	610	863	1.6kg	White / 白

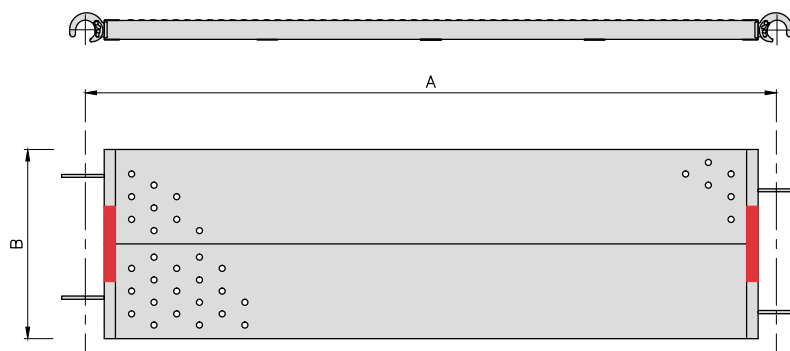
Joint Pin	Weight
TPN-A20J	0.6kg



Coupling Pin	Weight
TPN-B20C	0.6kg

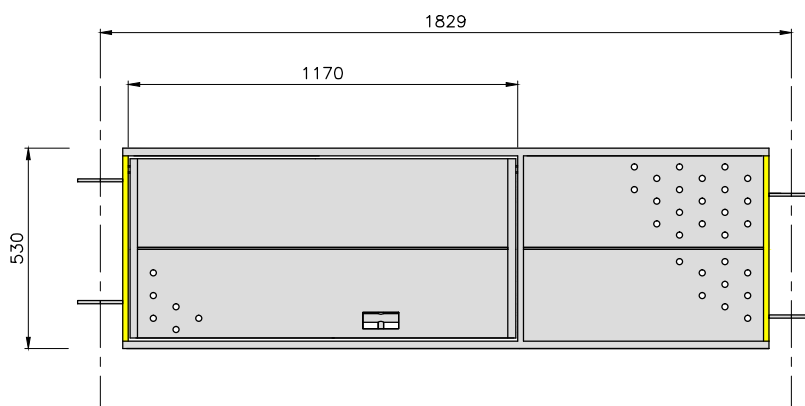



Catwalk	A	B	Weight	Marking
TCA-TK6CG	1829	500	17.1kg	Red / 紅
TCA-TK6FG		240	9.1kg	
TCA-1250	1219	500	11.7kg	Black / 黑
TCA-1225	1219	240	6.5kg	

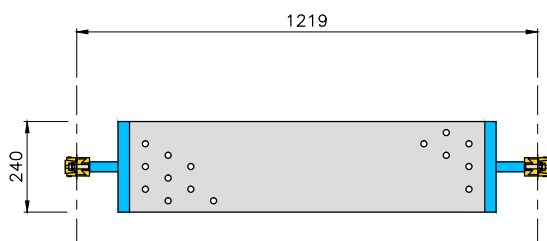


Catwalk Width	Safety Working Load
500	250 kg
250	125 kg

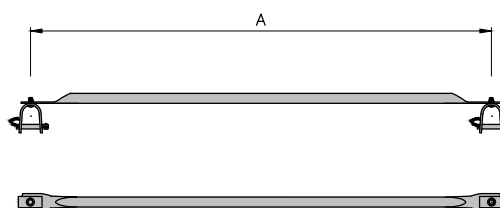
Catwalk	Weight	Marking
TCA-60PA	18.3kg	Yellow / 黃



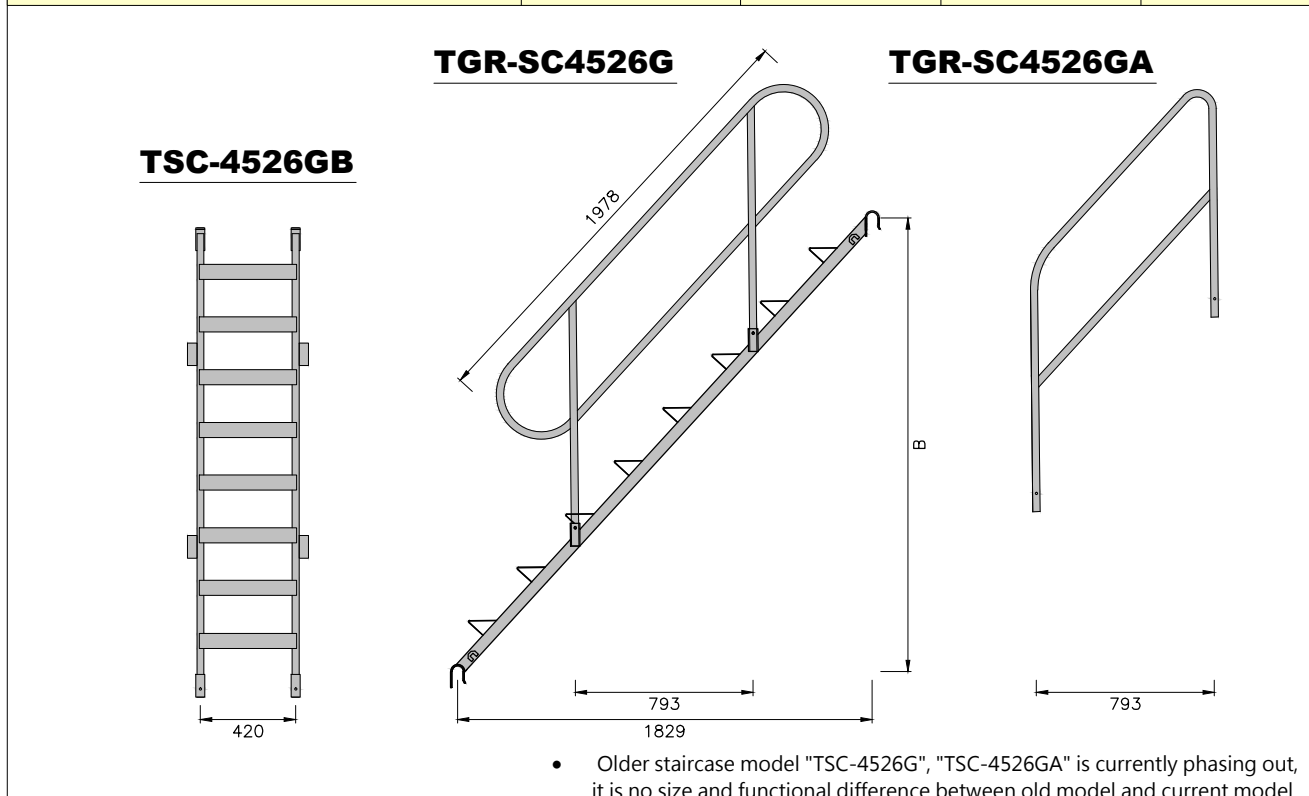
Toeboard	Weight	Marking
TTB-TK4FG	4.7kg	Blue / 藍



Guardrail	A	Weight	Marking
TGR-1219	1219	2.2kg	Blue / 藍
TGR-1829	1829	2.9kg	Red / 紅
TGR-2677	2677	4.7kg	Yellow / 黃



Item Name	Code	A	B	Weight
Staircase	TSC-4525GB	1829	1725	22.3kg
Staircase	TSC-4526GB	1829	1955	24.0kg
Staircase Guardrail for TSC-4526GB	TGR-SC4526G	-	-	5.1kg
	TGR-SC4526GA	-	-	3.7kg



Toyo Scaffold Support for Concrete Slab
(under-construction)

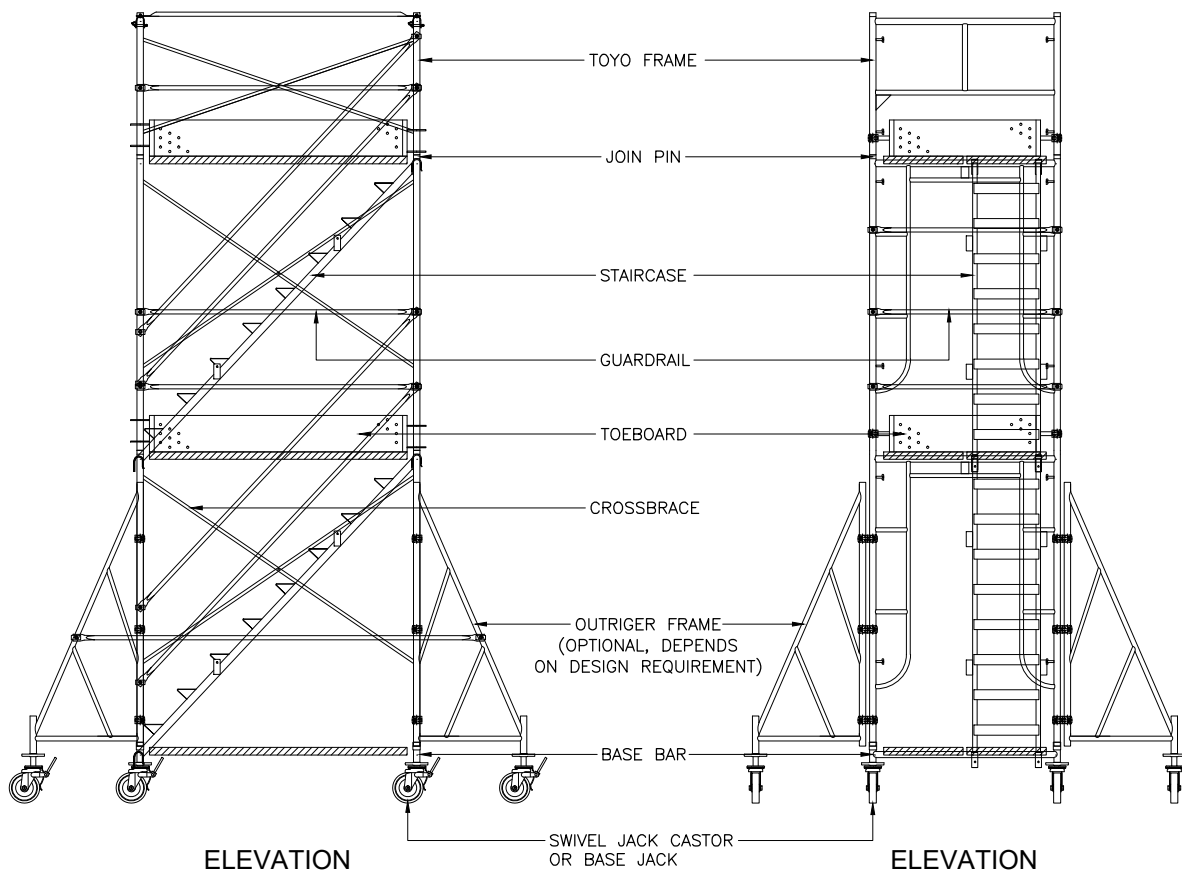
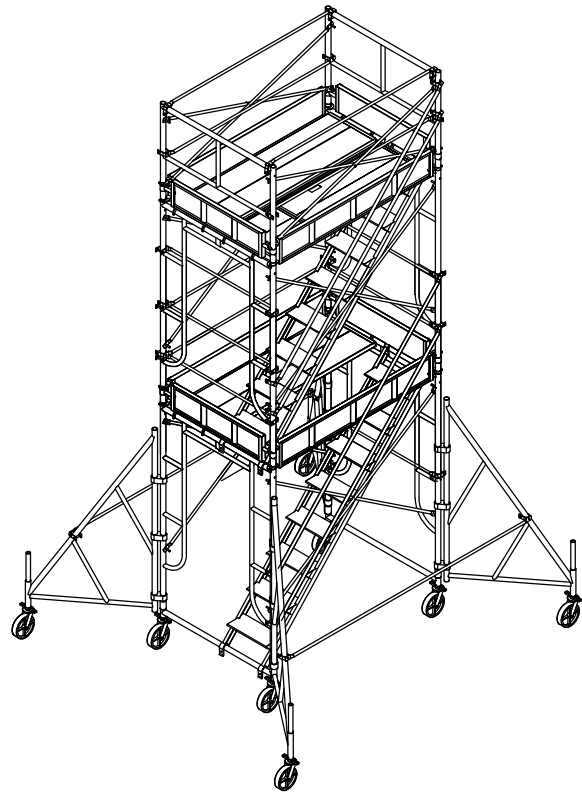
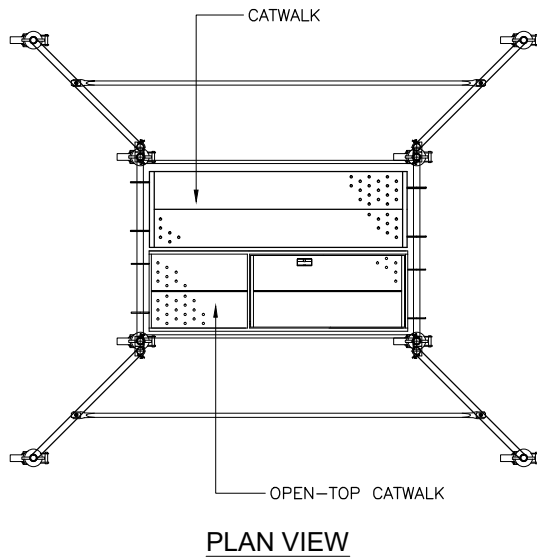
Location: Kowloon Station Development

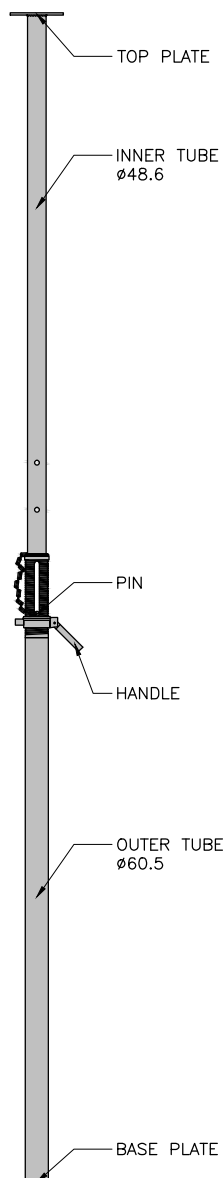
Toyo Scaffold Support for Flyover

Location: Wing Tai Road Flyover and
Improvements to Associated Road Junctions,
Chai Wan



Working Platform Example





STEEL PROP

輕型單頂

STEEL PROP (Galvanized) enhances the speed and economy of your construction.

HOW TO USE

- Set the pin into the hole of inner tube.
- Adjust the height by sliding the screw position.
- Props must be absolutely vertical or they lose their load-bearing characteristics.

ADVANTAGES

- Easy to erect and dismantle.
- Easy to relocate the location and fixed.
- Less storage area required.



Steel Prop	Min. Height	Max. Height	S.W.L at Min. Height	S.W.L at Max. Height	Weight
TSP-TS60G	1,850mm	3,050mm	23.0kN (2.30t)	23.0kN (2.30t)	12.6kg
TSP-TS70G	2,150mm	3,350mm	23.0kN (2.30t)	23.0kN (2.30t)	13.8kg
TSP-TS75G	2,290mm	3,600mm	23.0kN (2.30t)	23.0kN (2.30t)	13.8kg
TSP-TS90G	2,700mm	3,900mm	23.0kN (2.30t)	20.0kN (2.00t)	16.0kg

Application

STEEL PROP can be applied in the situation as the low support load required and the area is too small, not allowed to use Frame Type Support. It's also commonly used for repropping in construction and demolition project.



Housing Society "SoUk" Estate Renovation Program used our galvanized Steel Prop for Temporary support



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