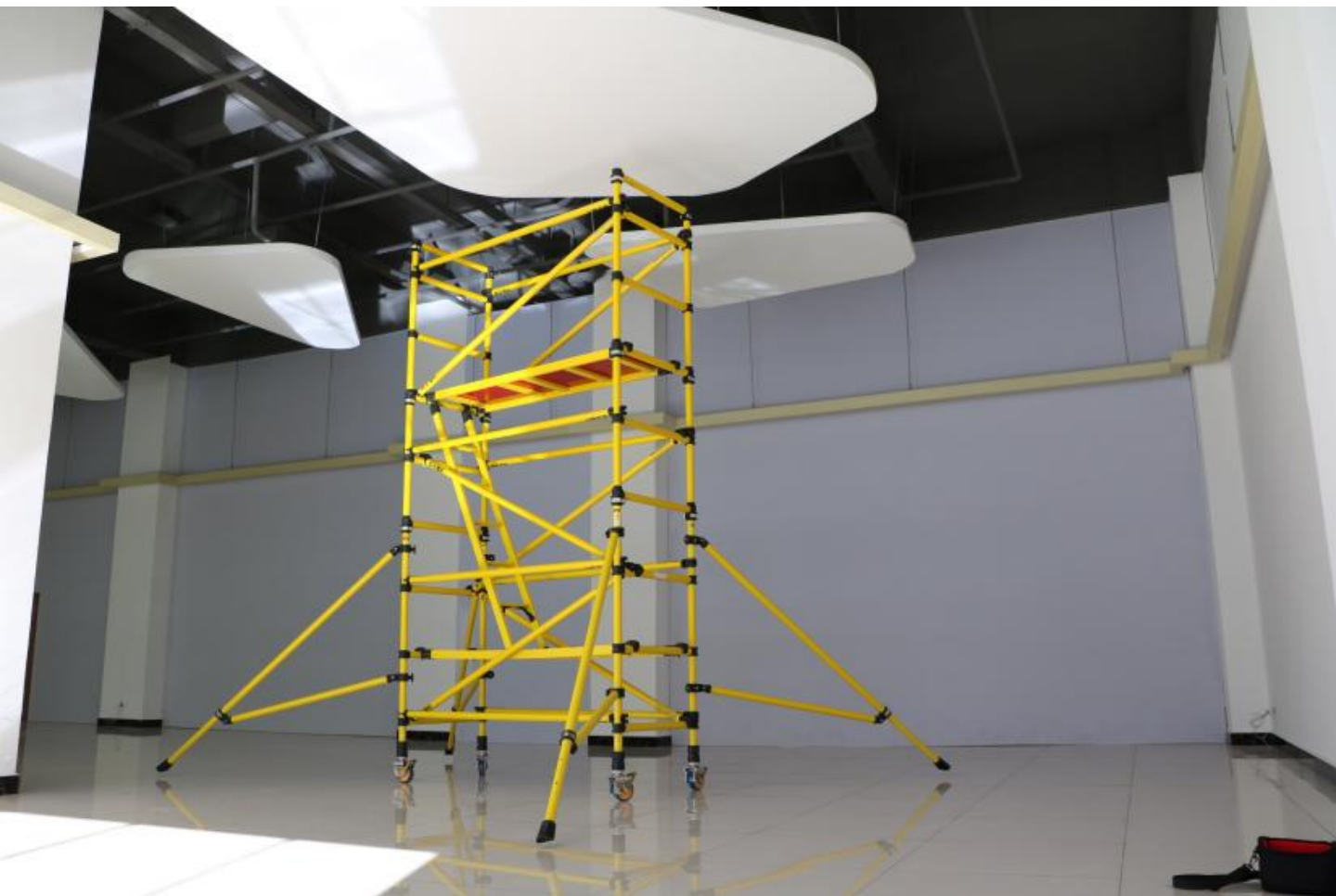


FRP SCAFFOLDING



KUNMING FEIXIANG

FRP Scaffolding



**PROFESSIONAL
FRP LADDER
MANUFACTURER**



INTRODUCTION

Kunming Feixiang Material Technology Co., Ltd is leading company of full insulating FRP ladders and FRP scaffoldings (platform) in China, we have more than 15 years experiences in FRP profile pultrusion and FRP ladder assembly.

Our products include: FRP Insulating ladder, FRP Insulating scaffolding, FRP Insulating platform, FRP Insulating operation pole, electricity detector and other kinds of electricity station maintenance tools for safety. We are an ISO 9001 certificated company and worked as a member of drafting of 6 DL standards of State Grid in China. All of our products have passed the test of China national electricity equipment test center.

Our factory occupies 20000 m² workshop and 6000 m² office area. Our factory is located in Jinning Industry Zone of Kunming. Near to Kunyu high way, about 50km to Kunming city, which is very convenient in transportation.

We are also professional manufacturer of all terrain tracked system, special rubber track assembly, rubber tracks, rubber track chassis, robot rubber tracks and its chassis assembly, special vehicle and track system which can go for different terrains like frozen snow, swamps, deserts, mountains, beaches, muddy and snowy terrain and so on.

As the leading company of China insulating lifting & climbing tool industry, we wish to establish long-term win-win partnership with both domestic and foreign customers.





FX FRP scaffolding Products Advantages :

- Corrosion Resistant
- Light Weight
- Easy Assembling & Dismantling
- Narrow width allows easier access into smaller areas
- Range of heights available
- Instant assembly with fold-out frame
- Safety features such as locking castors included as standard
- Easily folds for transport and efficient storage
- Non conductive
- Non sparking
- Non oxidising
- Clean
- Comfortable to handle in both very cold and warm climates



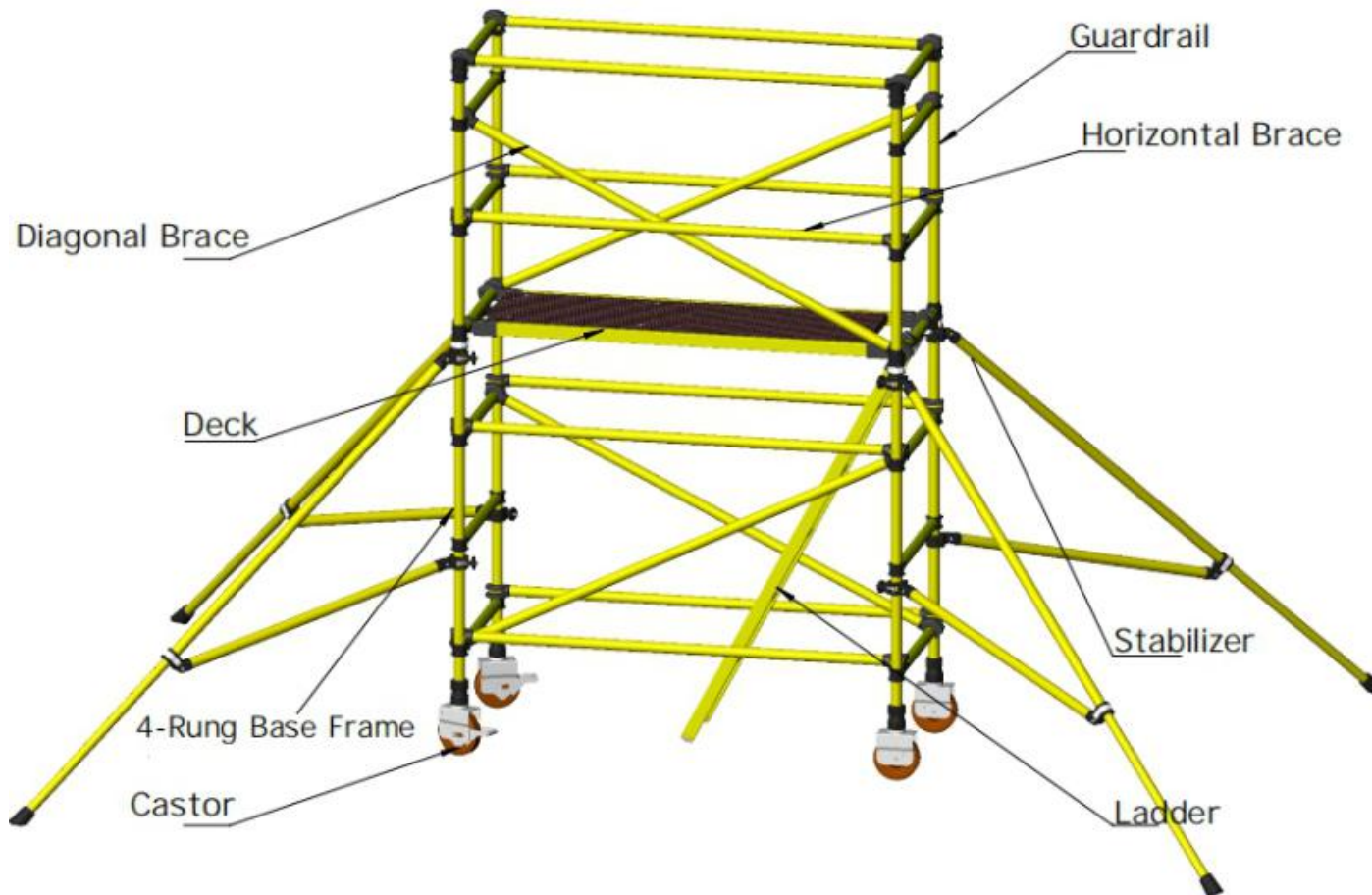
Features of FX FRP scaffolding System

- Manufactured using tube with an additional circumferential winding for increased compressive and flexural strength (up to 4 times greater than other GRP tower systems).
 - High visibility due to vibrant color.
 - Impact resistant claws.
 - Ladders with 250mm easy climb rung spacing.
 - 470/500mm frame rung spacing in compliance with Work at Height Regulations.
 - Ribbed rung tubing for increased grip.
 - 3T – Through the Trap build method.
 - Two widths – 750mm Single Width and 1350mm Double Width.
 - 2 slip resistant platform lengths – 1.9 and 2.5m with self closing trapdoors and wind locks.
 - The maximum platform safe working load is 225kg.
 - Primed brace claw mechanism.
 - Ease of brace identification: Red – horizontal Blue – diagonal
 - Horizontal braces used as guardrails.
 - Self cleaning adjustable legs.
- Castors with compact trail/no trail positive • locking brake mechanism.
- Deck board edge protection provided by profile of GRP deck
- Easy to use toe-board system.
- No scrap value leading to increased security on site Lift shaft/confined space stabiliser available.





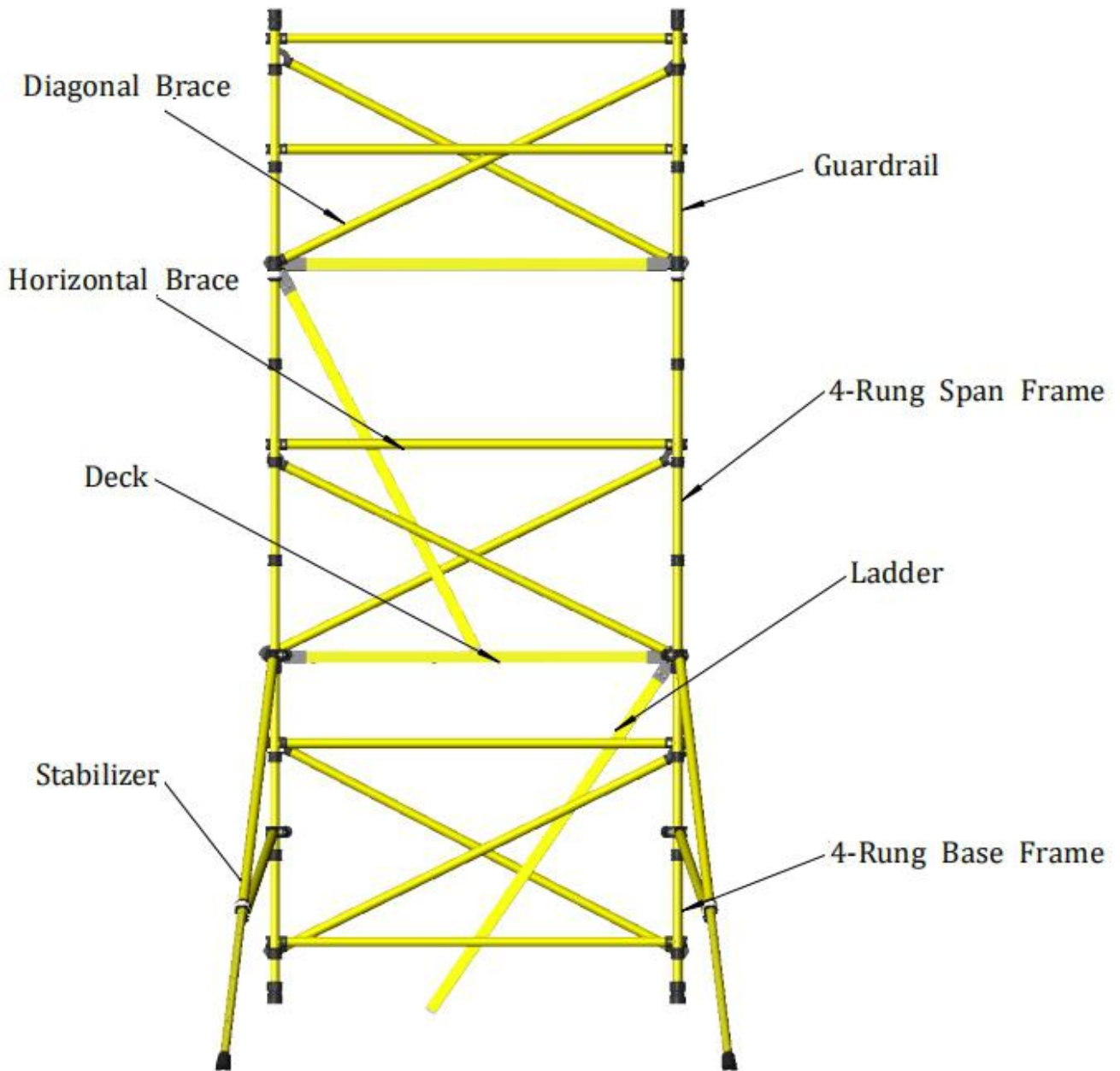
3m (2*0.85) Scaffolding



Model	FQRSS-SN-H	FQRSS-SW-H
Length / Width (m)	2 × 0.85	2 × 1.35
Height (m)	3m	3m
Weight per meter (kg/m)	18.6	20.1

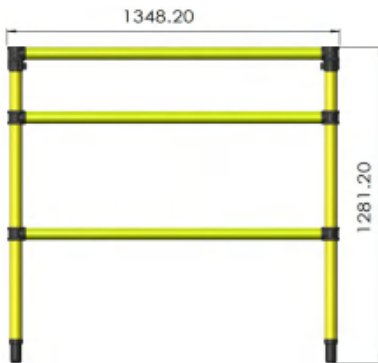


5m (2*1.35) scaffolding

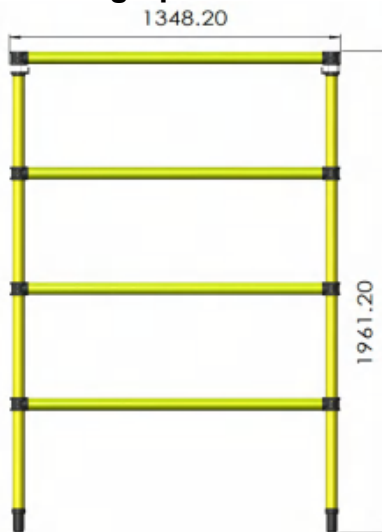




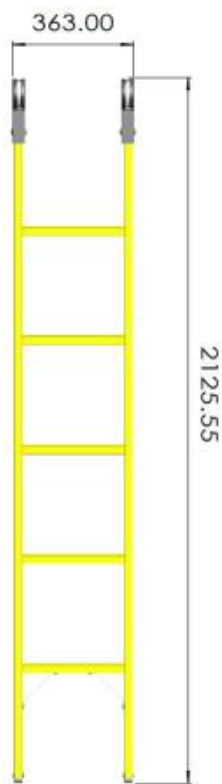
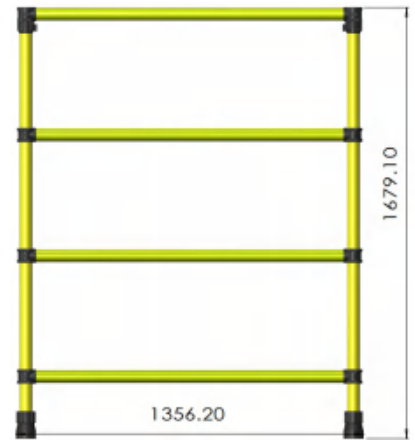
Guardrail



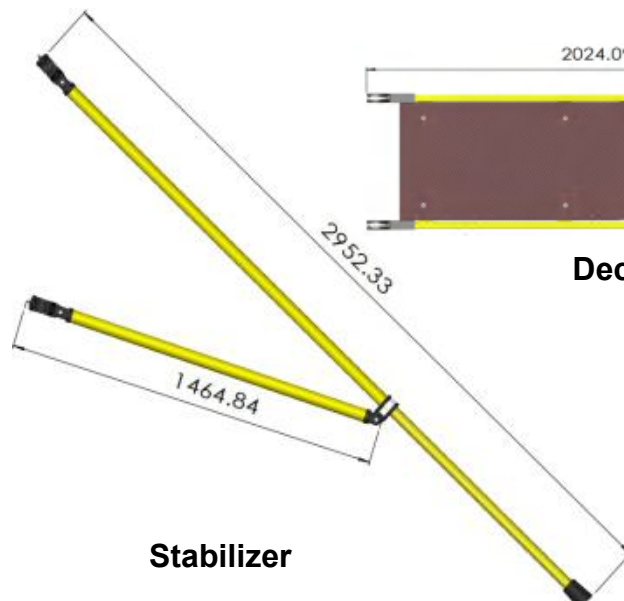
4-Rung Span Frame



4-Rung Base Frame



Ladder



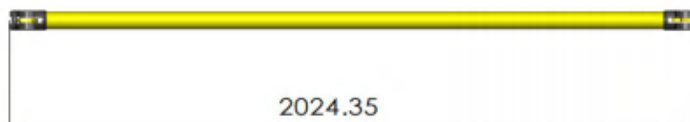
Stabilizer



Deck



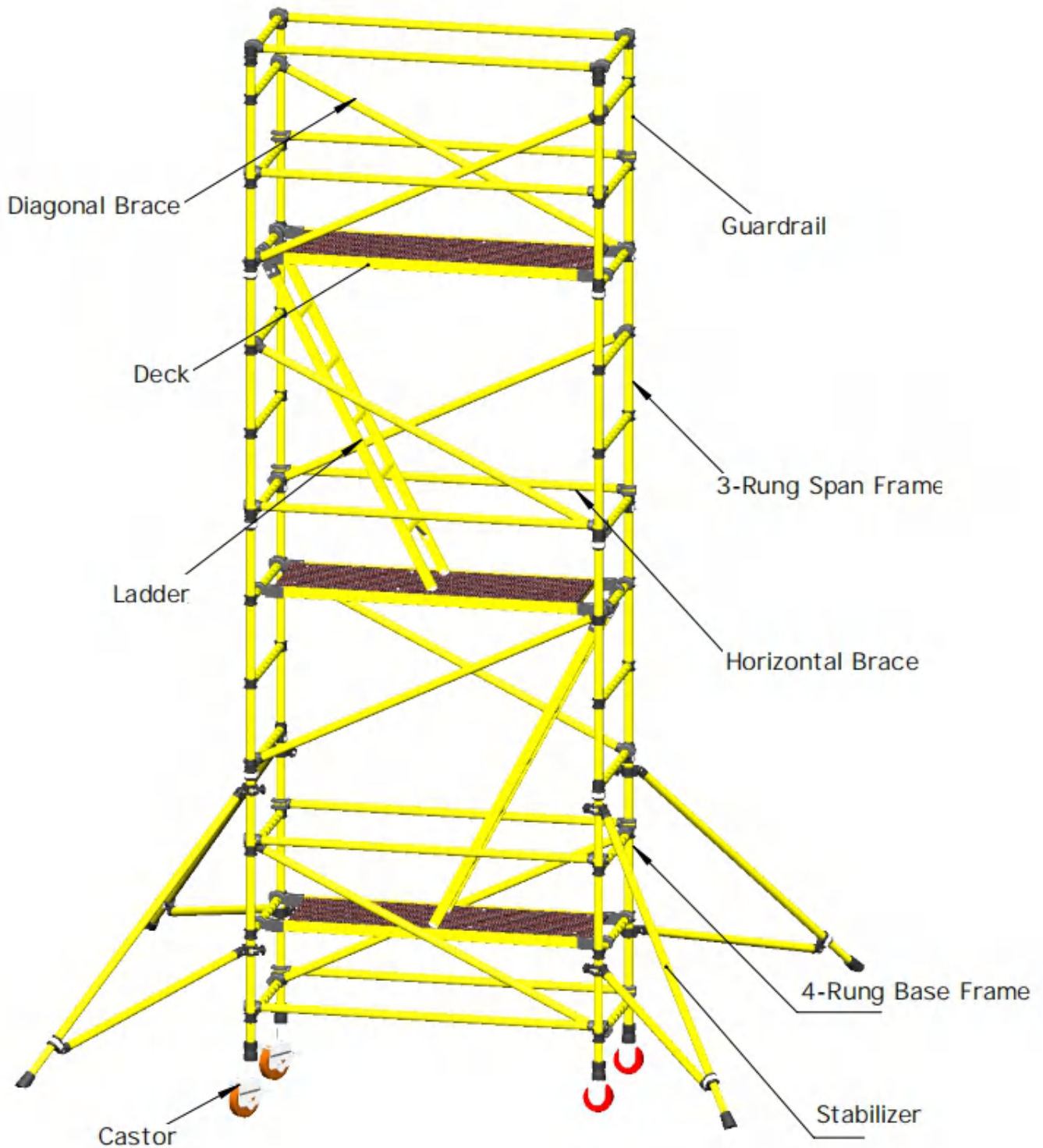
Diagonal Brace



Horizontal Brace

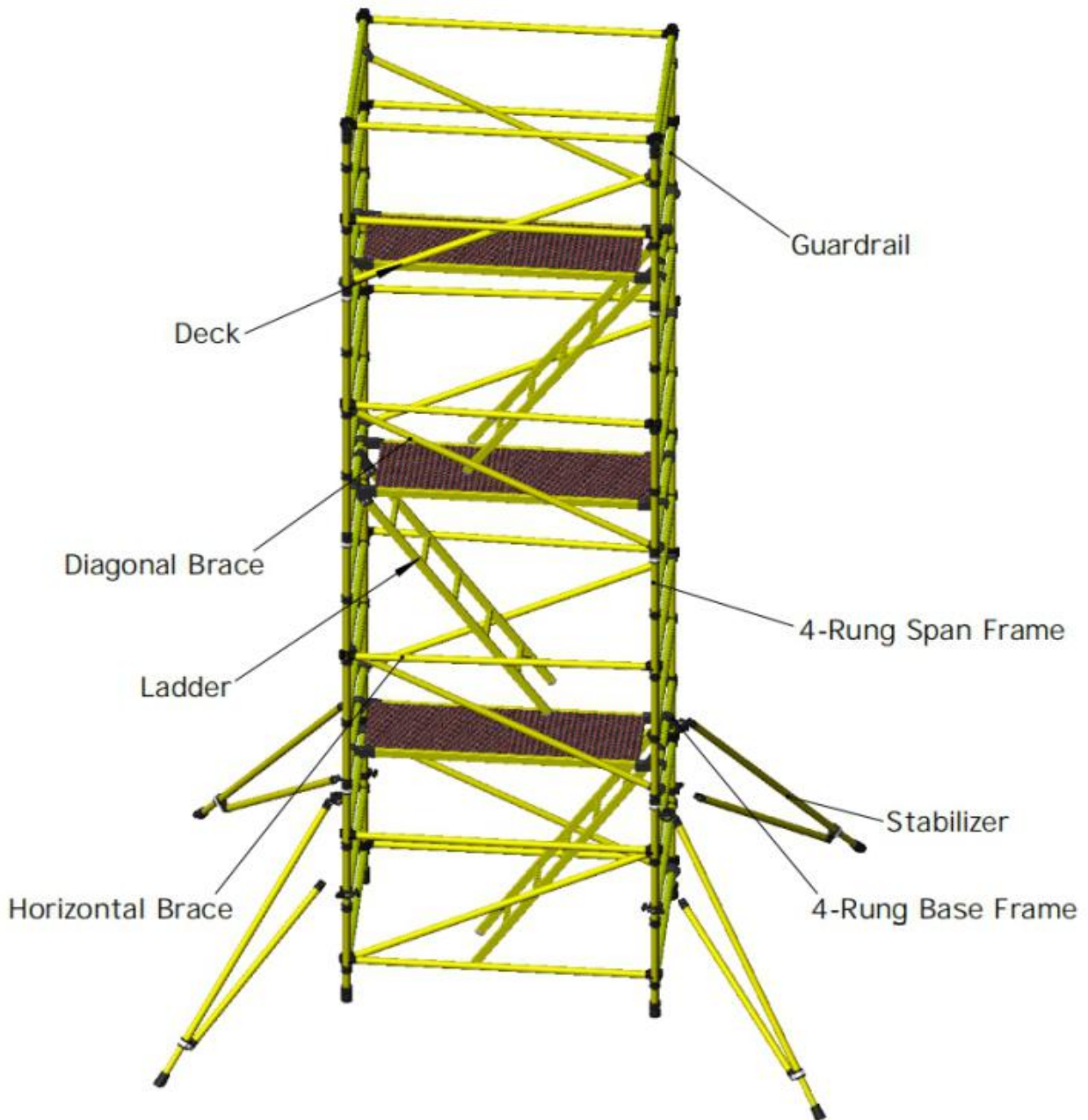


6m (2*0.85) scaffolding



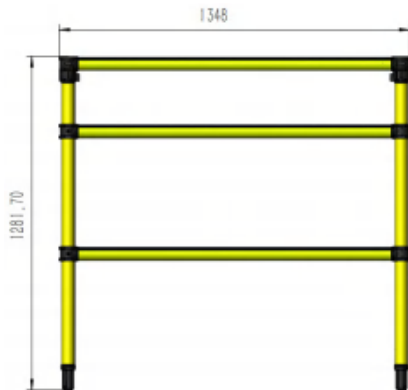


7m (2*1.35) scaffold

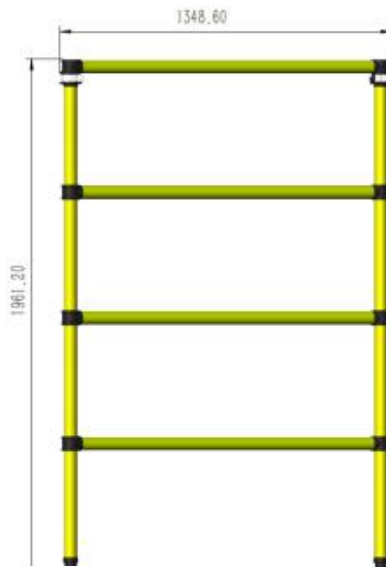




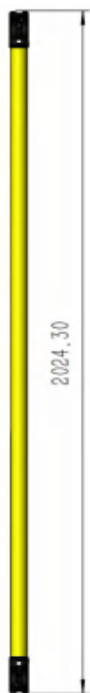
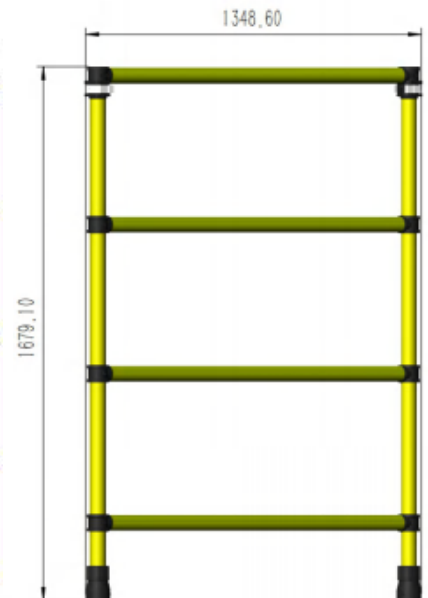
Guardrail



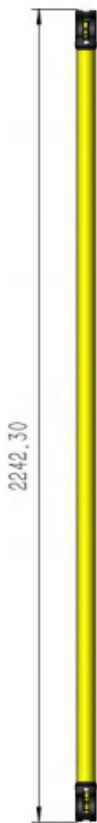
4-Rung Span Frame



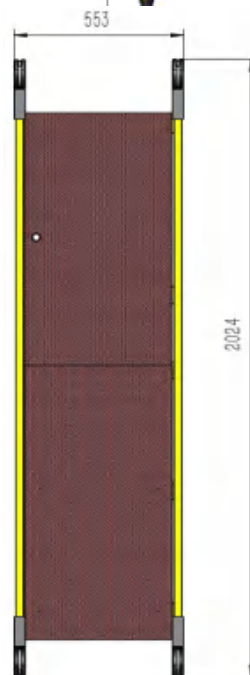
4-Rung Base Frame



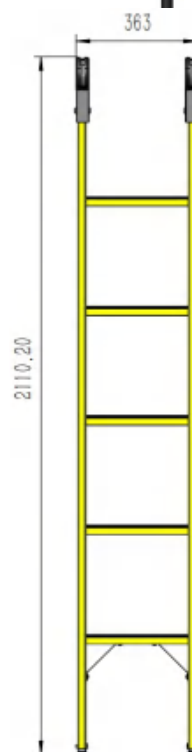
Horizontal Brace



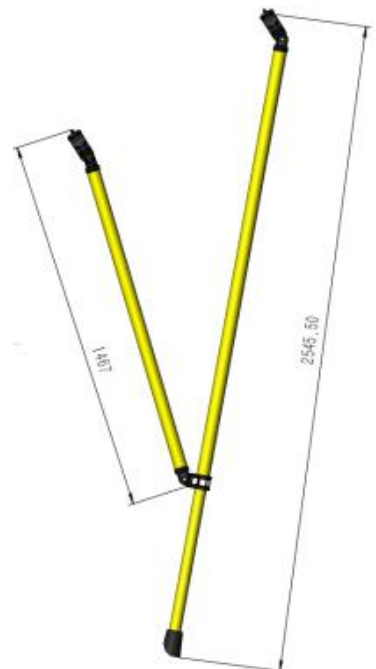
Diagonal Brace



Deck



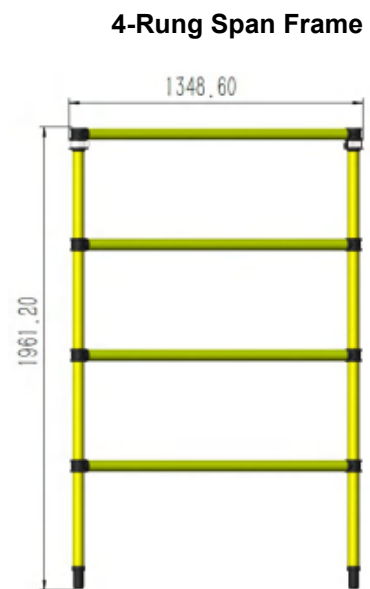
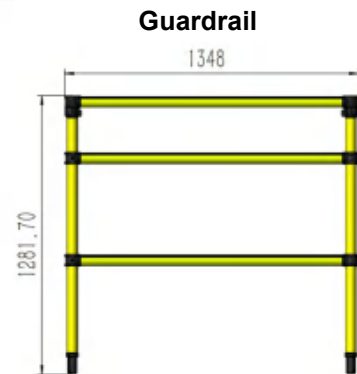
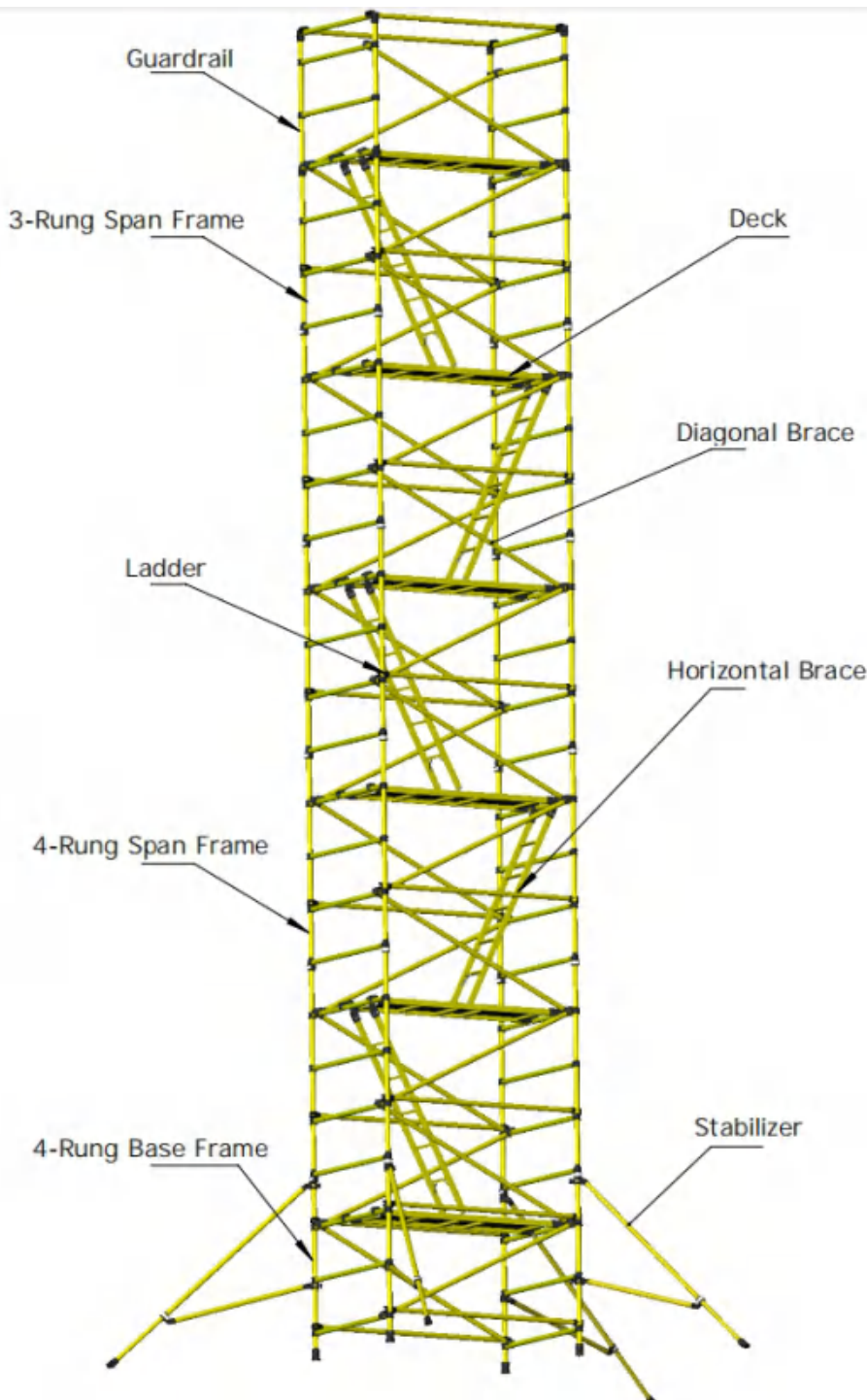
Ladder



Stabilizer

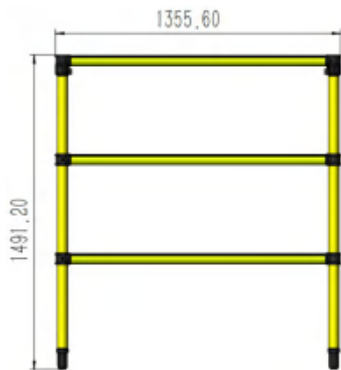


12m (2*1.35) scaffold

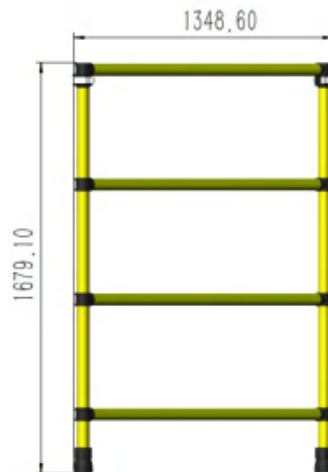




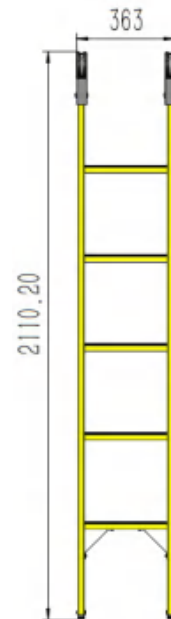
3-Rung Spam Frame



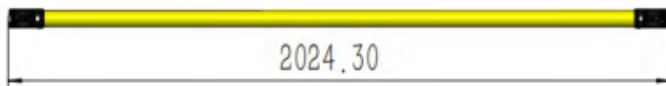
4-Rung Base Frame



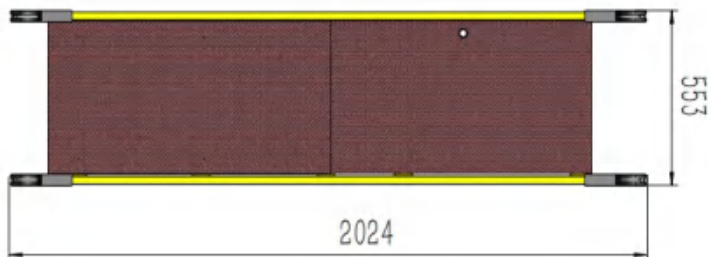
Ladder



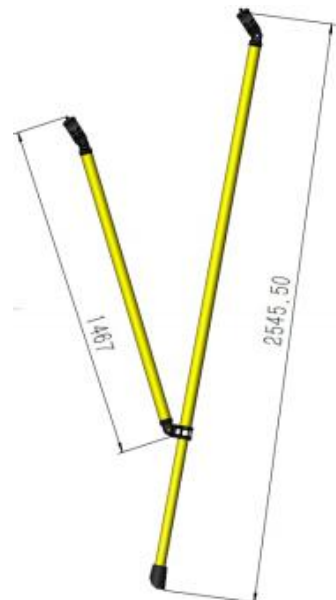
Horizontal Brace



Diagonal Brace



Deck



Stabilizer



Components List

H	4-Rung Base Frame	4-Rung Frame	3-Rung Frame	2-Rung Frame	Guard- rail	Deck	Ladder	Horizontal Brace	Diagonal Brace	Stabilizer	Castor	Side Pull Rope
3m	2				2	1	1	8	4	4	4	
4m	2			2	2	2	1	8	6	4	4	
5m	2	2			2	2	2	10	6	4	4	
5.5m	2		2	2	2	2	2	10	6	4	4	
6m	2		4		2	3	2	10	8	4	4	
6.5m	2	2	2		2	3	2	12	8	4	4	
7m	2	4			2	3	3	12	8	4	4	
7.5m	2	2	4		2	4	3	12	10	4	4	
8m	2	4	2		2	4	3	14	10	4	4	
8.5m	2	6			2	4	4	14	10	4	4	
9m	2	4	2	2	2	5	4	14	14	4	4	
9.5m	2	4	4		2	5	4	14	14	4	4	
10m	2	6	2		2	5	4	16	20	4	4	4*10m
10.5m	2	8			2	5	5	16	20	4	4	4*10.5m
11m	2	6	2	2	2	6	5	16	22	4	4	4*11m
12m	2	8	2		2	6	5	18	24	4	4	4*12m



Model	FQRSS-SN-H	FQRSS-SW-H	FQRSS-LN-H	FQRSS-LW-H
Length / Width (m)	2×0.85	2×1.35	2.6×0.85	2.6×1.35
Max Height (m)	11m	12m	≤11m	12m
Weight per meter (kg/m)	18.6	20.1	20.3	21.8

Typical dimensions of components -single width

Component	Length (cm)	Width (cm)	Weight 0.85m (kg)	Weight 1.5m (kg)
4-Rung Base Frame	1679.4	848.6	9.87	11.5
4-Rung Frame	1961.7	848.6	6.81	8.45
3-Rung Frame	1491.7	855.65	5.3	6.53
2-Rung Frame	1021.7	848.2	3.5	5.14
Guardrail	1281.7	848	5.05	6.3
Deck	2025.55	553	11.33	14.33
Ladder	2110.2	362.5	4.68	4.68
Horizontal Brace	2024.3		1.85	1.85
Diagonal Brace	2242.3		1.98	1.98
Stabilizer	2200		3.58	3.58
Castor	830		4.36	4.36
Side Pull Rope			0.77kg/10m	0.77kg/10m

Note: Side pulling rope is only used at 10 meters or above, and four side pulling ropes with the same height are used.



Other Products



Ladder



Voltage Detector



Extension Ladder



FRP lifting platform

FRP insulating platform can be custom made as per your requirements.





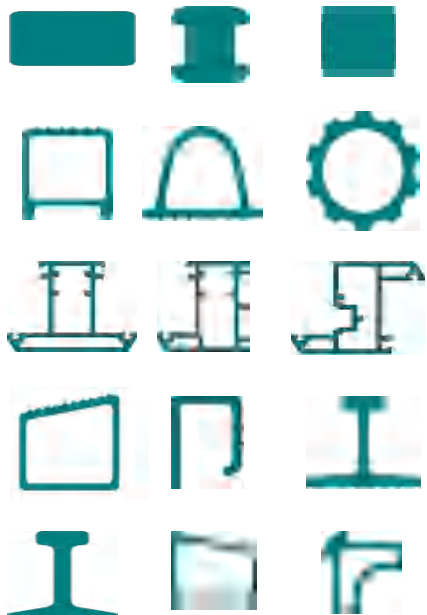


FX FRP Other insulating products





Dimensions of FRP Profiles

				Other shapes of profiles
$\phi 18 \times \phi 14.6$	45×45	28.4	48×30	
$\phi 26 \times \phi 21.2$	50×50	32.8	70×30	
$\phi 30 \times \phi 26$	48×31	37.2	80×30	
$\phi 32 \times \phi 27$	60×30	41.6	200×75	
$\phi 38 \times \phi 33.2$	65×30	46		
$\phi 40 \times \phi 34$	75×40	50.4		
$\phi 44.4 \times \phi 38.8$	50×55	54.8		
$\phi 50.5 \times \phi 45.5$	80×30			
$\phi 56.5 \times \phi 51.7$	58×26			
$\phi 62.5 \times \phi 57.7$	54×22			
$\phi 69.2 \times \phi 63.7$	160×60			
$\phi 75.2 \times \phi 70.4$				
$\phi 90 \times \phi 83$				



FRP Profile Pultrusion Lines



FRP Ladders ready for packing



Ladders in processing



Testing machine



Humidity box



Electricity test lab







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