

Product Catalogue
Scaffolding

FS alu-scaff



FS form scaff

**Formwork & Scaffolding
Solutions**

We are
WACO



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We are Waco International

Form-Scaff is part of Waco International, a focused equipment rental and industrial services business with operations in Africa (South Africa and other sub-Saharan African countries), Australasia (Australia and New Zealand) and the United Kingdom.

The Group provides services in the areas of formwork, shoring and scaffolding, insulation, painting and blasting, hydraulics and suspended access platforms, relocatable modular buildings, portable sanitation products and integrated hygiene services.

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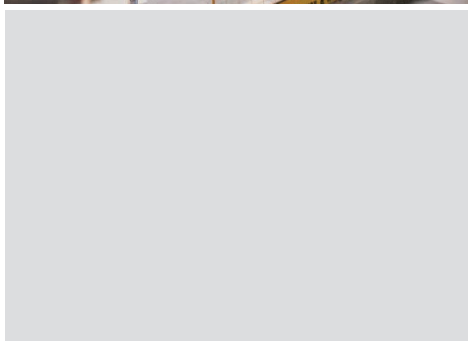
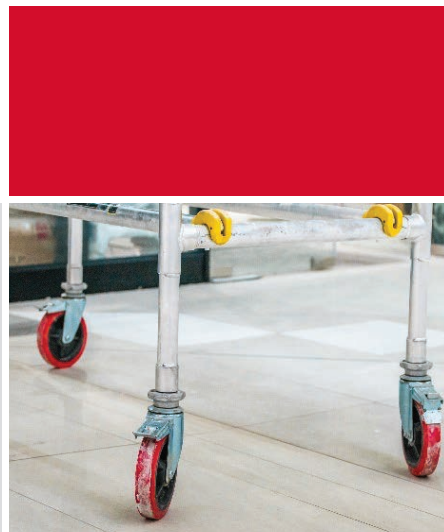
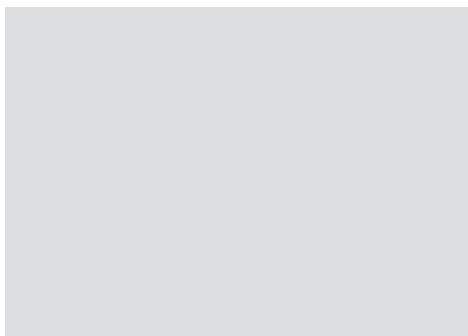
Note: The colours used in this document are for illustrative purposes only and may differ on actual products

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alu-scaff



Alu-Scaff Scaffolding

The lightweight aluminium Alu-Scaff modular frame type system provides a sturdy alternative to the traditional steel scaffolding systems.

Alu-Scaff may be erected in static or mobile tower configurations to provide the optimum scaffolding solution.

The snap-on / click-in type braces and ledgers allows the system to be quickly erected and dismantled.

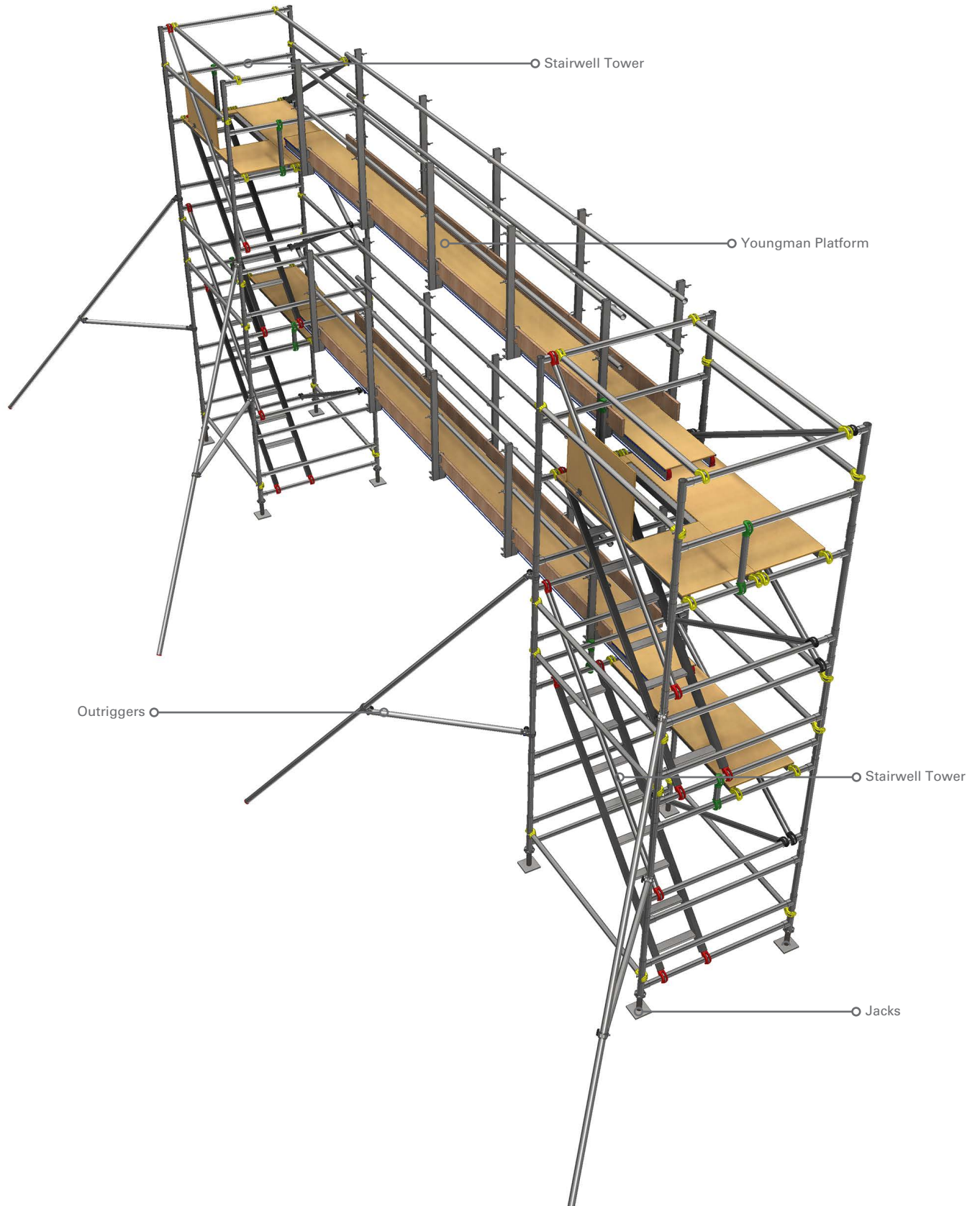
Safe working platforms with guardrails, spanning 7.2 m, may be installed between any two towers to bridge over an opening in the scaffold.

System Features

- Lightweight modular frames
- Quick-fix type horizontal braces and bracing for fast erection and dismantling
- Mobile or static towers
- Outriggers available to increase the working height and provide scaffolding stability
- Tower platforms with built-in trap doors
- Tower stairways with handrails
- Safety handrails and toe boards around platforms
- Bridging platform spanning between towers



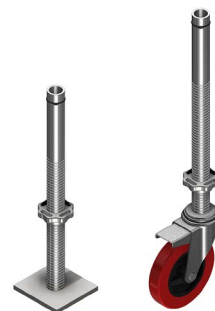
General Assembly



Alu-Scaff Jacks

Alu-Scaff Base Jacks and Castor Jacks are inserted into ends of Alu-Scaff Frames to provide the required vertical adjustment.

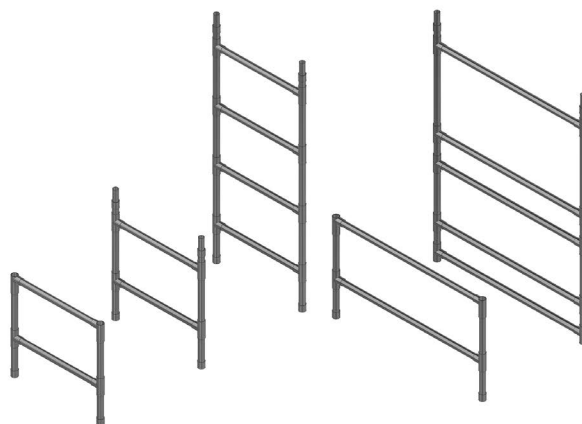
CODE	DESCRIPTION	MASS(kg)
5105800	Alu-Scaff Aluminium Base Jack	2.0
5105801	Alu-Scaff Castor Wheels	4.5
5105605	Alu-Scaff Steel Base Jack	2.5



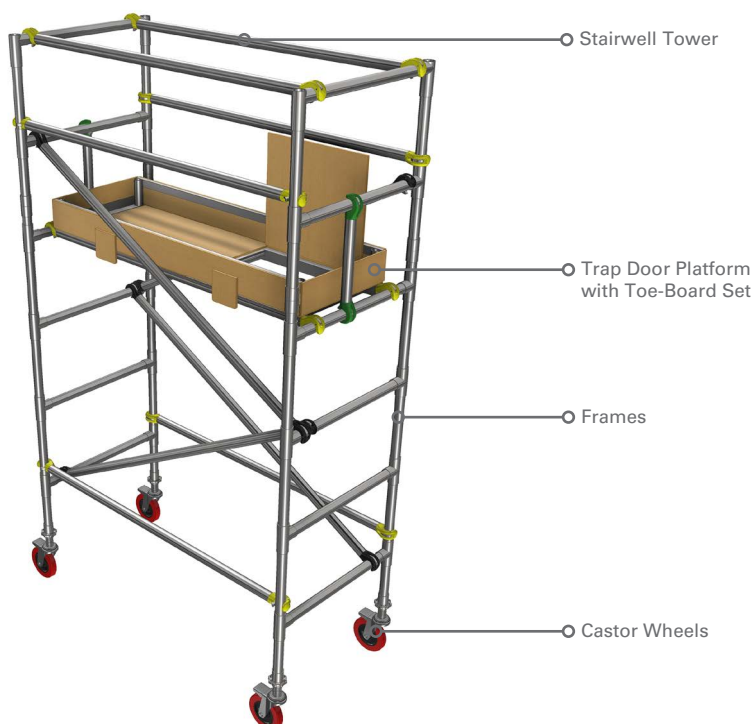
Alu-Scaff Frames

Different sizes of frames make up the vertical support for the Alu-Scaff access scaffold structure.

CODE	DESCRIPTION	MASS(kg)
5105807	Alu-Scaff 900 Span 2 Rung Frames	3.2
5105808	Alu-Scaff 900 Span 4 Rung Frames	7.2
5105810	Alu-Scaff 900 Span Guard Rail Frames	3.2
5105814	Alu-Scaff 5 Rung Frames	9.5
5105817	Alu-Scaff Guard Rail Frames	4.0



Assembly - 900 Span Tower



Braces

Alu-Scaff Horizontal Braces

Alu-Scaff Horizontal Braces keeps the Alu-Scaff Frames in a vertical position as well as provide hand - and knee rails at working platform levels.

CODE	DESCRIPTION	MASS(kg)
5105811	Alu-Scaff 900 Span Horizontal Braces	1.5
5105818	Alu-Scaff 1500 Horizontal Braces	1.5



Alu-Scaff Diagonal Braces

Alu-Scaff Diagonal Braces are connected diagonally between the Alu-Scaff Frames to ensure a safe, stable and plumb scaffold structure.

CODE	DESCRIPTION	MASS(kg)
5105809	Alu-Scaff 900 Span Diagonal Braces	1.5
5105816	Alu-Scaff diagonal Braces	1.5



Alu-Scaff Lock Braces

Alu-Scaff Lock Braces are used to connect Alu-Scaff Frames vertically together.

CODE	DESCRIPTION	MASS(kg)
5105803	Alu-Scaff scaffold Lock Brace - Small	0.5
5105804	Alu-Scaff scaffold Lock Brace - Large	0.5



Alu-Scaff Plain Platforms

Alu-Scaff Plain Platforms are supported on the Alu-Scaff Frames to provide a safe working Platform.

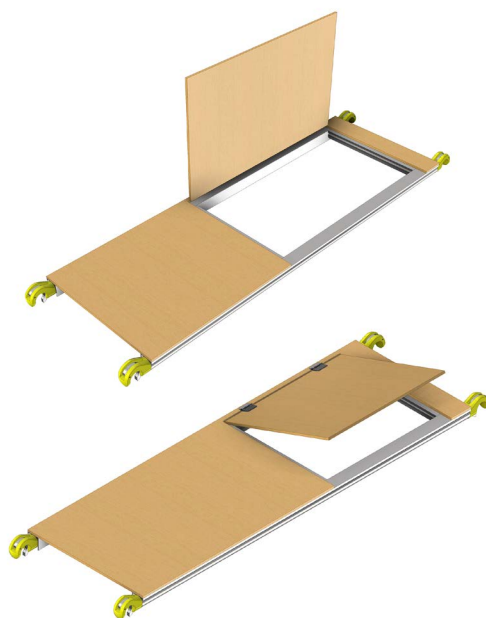
CODE	DESCRIPTION	MASS(kg)
5105819	Alu-Scaff Plain Platform	12.0



Alu-Scaff Trap Door Platforms

Alu-Scaff Trap Door Platforms are supported on the Alu-Scaff Frames to provide a safe working platform whilst allowing access to the working platform from the level below.

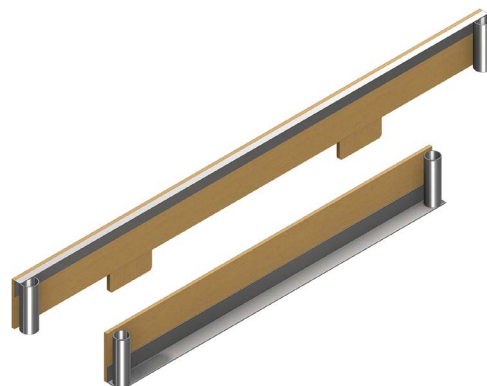
CODE	DESCRIPTION	MASS(kg)
5105813	Alu-Scaff 900 Span Trapdoor Platform	12.0
5105822	Alu-Scaff Trapdoor Platform	12.0



Alu-Scaff Toe-Boards

Alu-Scaff Toe-Board Sets are placed onto the Alu-Scaff Platforms to create a safe edge protection.

CODE	DESCRIPTION	MASS(kg)
5105812	Alu-Scaff 900 Span Toe-Board Set	12.0
5105821	Alu-Scaff Toe-Board Set (Stairwell)	12.0



Staircases

Alu-Scaff Staircases and Handrails

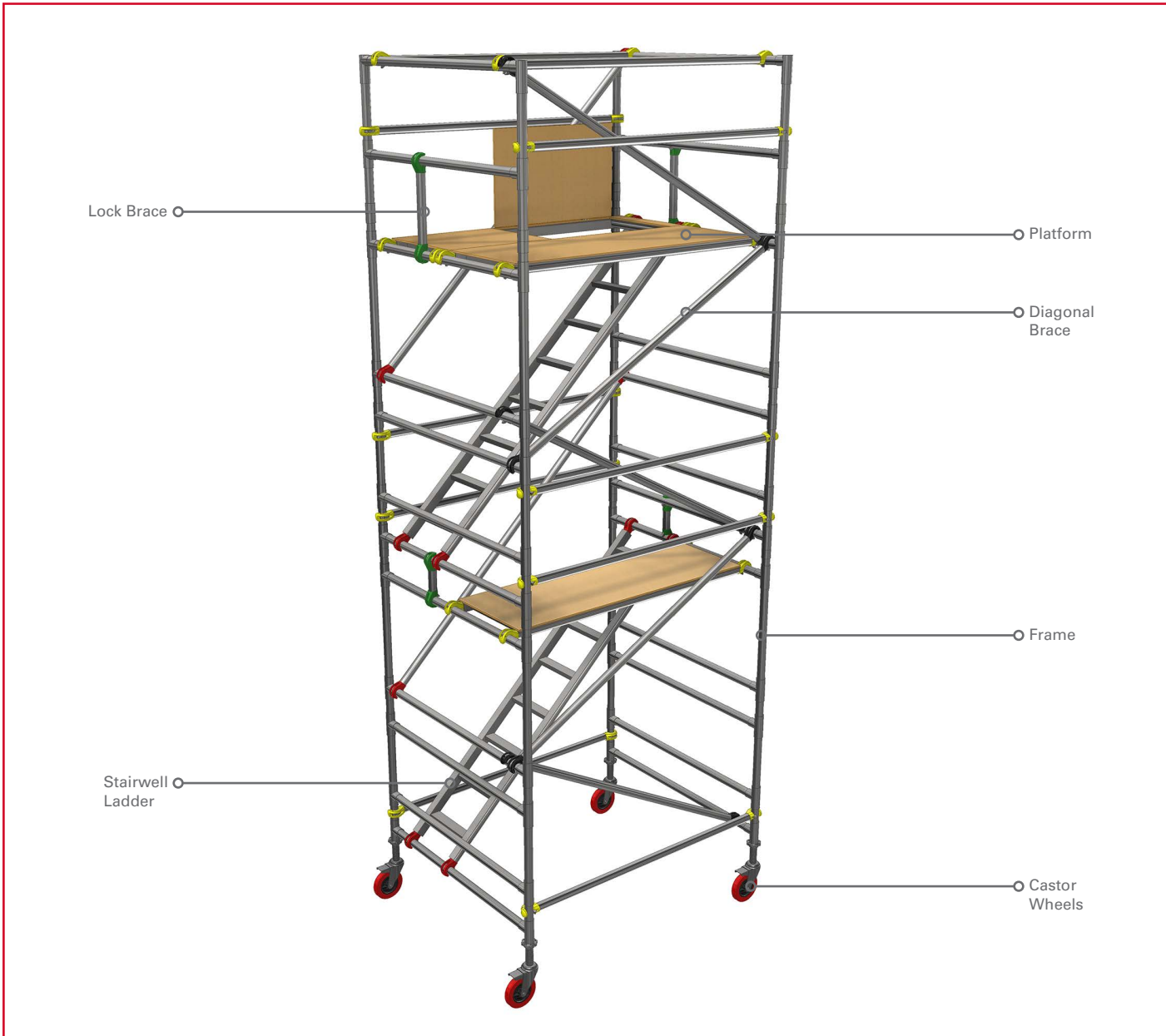
Stairwell Staircases connect to Frames allowing the movement of personnel from one level to another.

Bannister Braces are connected to Frames and run parallel with Stairwell Staircases providing safe outer fall protection.

CODE	DESCRIPTION	MASS(kg)
5105815	Alu-Scaff Bannister Braces	1.5
5105809	Alu-Scaff Stairway Ladder	8.5



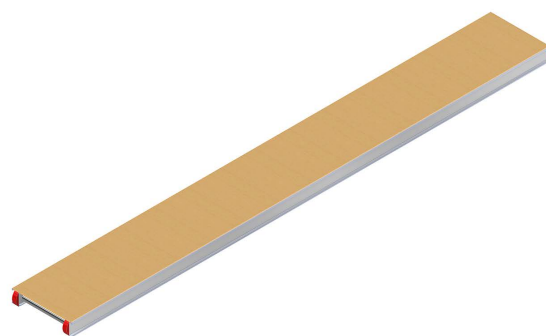
Assembly - Stairwell Tower



Alu-Scaff Youngman Platforms

Youngman Platforms are positioned at platform levels between towers to create gap bridging platforms.

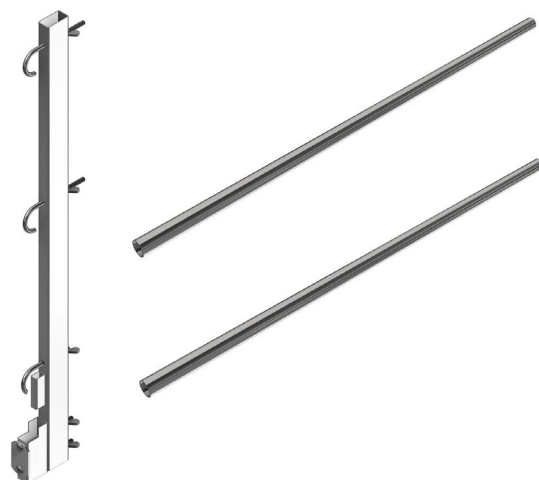
CODE	DESCRIPTION	MASS(kg)
5105953	Alu-Scaff Platforms: 3600mm (Youngman)	23.8
5105960	Alu-Scaff Platforms: 7200mm (Youngman)	61.2



Alu-Scaff Youngman Platform Handrails

Platform Handrail Uprights are connected to Youngman Platforms at evenly spaced intervals to provide handrail, knee rail and toe-board connection points.

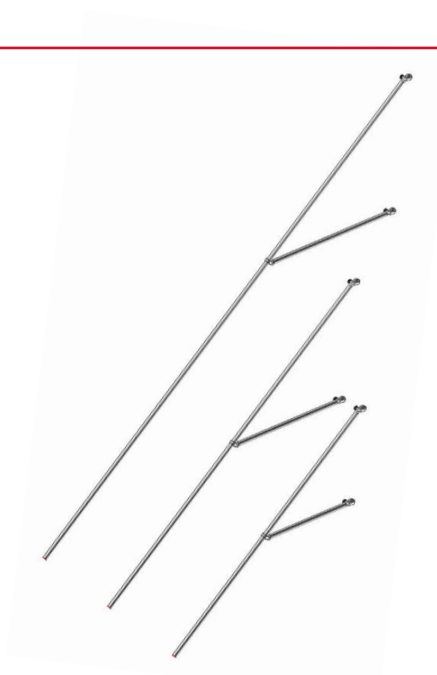
CODE	DESCRIPTION	MASS(kg)
5105962	Alu-Scaff Platforms Handrails 3600mm (Youngman)	5.4
5105963	Alu-Scaff Platforms Handrails 5400mm (Youngman)	8.1
5105964	Alu-Scaff Platforms Handrails 6000mm (Youngman)	9.0
5105969	Alu-Scaff Platforms Uprights (Youngman)	5.0



Alu-Scaff Outriggers

Outriggers are connected to Tower Frames to provide extra stability on slender towers.

CODE	DESCRIPTION	MASS(kg)
5105806	Alu-Scaff Standard Outriggers	7.5
5105805	Alu-Scaff Large Outriggers	7.5
5105802	Alu-Scaff Jumbo Outriggers	10.85



Tower Estimating Tables

Alu-Scaff 900 Span Tower (length) 1,85m x (width) 0,9m

The table below indicates the equipment quantities required for all permissible tower heights for the Alu-Scaff 900 Tower:

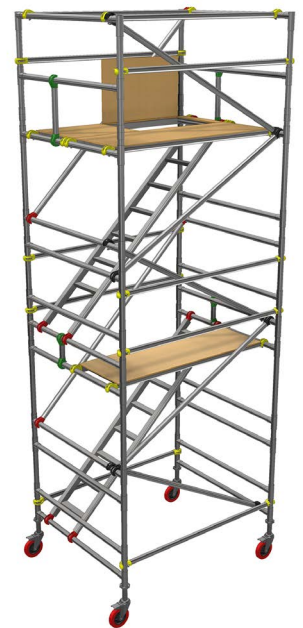
		TOWER HEIGHT (m)						
CODE	COMPONENTS	2.2	3.4	4.2	5.4	6.2	7.4	8.2
5105808	Alu-Scaff 900 Span 4 Rung Frames	2	2	4	4	6	6	8
5105807	Alu-Scaff 900 Span 2 Rung Frames	-	2		2		2	
5105810	Alu-Scaff 900 Span Guard Rail Frames	2	2	2	2	2	2	2
5105811	Alu-Scaff 900 Span Horizontal Braces	6	6	6	6	6	6	6
5105809	Alu-Scaff 900 Span Diagonal Braces	4	6	8	10	12	14	16
5105813	Alu-Scaff 900 Span Trapdoor Platform	1	1	2	2	3	3	4
5105806	Alu-Scaff Standard Outriggers		4	4	4			
5105805	Alu-Scaff Large Outriggers					4	4	
5105802	Alu-Scaff Jumbo Outriggers							4
5105801	Alu-Scaff Castor Wheels	4	4	4	4	4	4	4
5105804	Alu-Scaff Scaffold Lock Brace - Large	-	4	4	6	6	8	6
5105812	Alu-Scaff 900 Span Toe Board Set	1	1	1	1	1	1	1



Alu-Scaff Stairwell Tower (length) 1,85m x (width) 1,5m

The table below indicates the equipment quantities required for all permissible tower heights for the Alu-Scaff Stairwell Tower:

		TOWER HEIGHT (m)									
CODE	COMPONENTS	2.3	4.4	6.5	8.6	10.7	12.8	14.9	16.8	18.8	20.8
5105814	Alu-Scaff 5 Rung Frames	2	4	6	8	10	12	14	16	16	20
5105817	Alu-Scaff Guard Rail Frames	2	2	2	2	2	2	2	2	2	2
5105818	Alu-Scaff 1500 Horizontal Braces	6	7	8	9	10	11	12	13	14	15
5105816	Alu-Scaff Diagonal Braces	1	2	3	4	5	6	7	8	9	10
5105822	Alu-Scaff Trapdoor Platform	1	1	1	1	1	1	1	1	1	1
5105805	Alu-Scaff Large Outriggers	-	4	4	4	-	-	-	-	-	-
5105802	Alu-Scaff Jumbo Outriggers	-	-	-	-	4	4	4	4	4	4
5105801	Alu-Scaff Castor Wheels	4	4	4	4	4	4	4	4	4	4
5105804	Alu-Scaff Scaffold Lock Brace - Large	2	2	2	2	2	2	2	2	2	2
5105821	Alu-Scaff Toe Board Set	1	1	1	1	1	1	1	1	1	1
5105815	Alu-Scaff Bannister Braces	1	2	3	4	5	6	7	8	9	10
5105820	Alu-Scaff Stairway Ladder	1	2	3	4	5	6	7	8	9	10
5105819	Alu-Scaff Plain Platform	1	2	3	4	5	6	7	8	9	10
5105803	Alu-Scaff Scaffold Lock Brace - Small	-	2	4	6	8	10	12	14	16	18



International Branches

Botswana - Gaborone

Plot 31364, Gaborone North,
Gaborone,
Botswana
+267 396 2000

Eswatini - Matsapha

36 Ingaja Street,
Matsapha,
Eswatini
+268 2518 8360

Ghana - Accra

Plot 29, Off Spintex Road, Tema
Motorway Industrial Area, Accra,
Ghana
+233 303 973 722

Mauritius - Port Louis

72201, Petit Camp,
Phoenix (Near Bagatelle Dam),
Mauritius
+230 286 6176 / +230 5940 2551

Mozambique - Maputo

Belulane, Parcella 15988, Boane
Matola Rio, Maputo,
Mozambique
+258 84 163 8905

Namibia - Windhoek

Cnr Nickle & Michelle, McClean Street,
Prosperita, Windhoek,
Namibia
+264 61 425 350

Tanzania – Dar es Salaam

Cnr Mwaikibaki Road & Kilimani Close
Plot 1034/5 Mbezi Kawe
Dar es Salaam, Tanzania
+255 74 299 8022

Zambia - Kitwe

12867 Chingola Road, Saloba Business Park,
Chimwemwe, Kitwe,
Zambia
+260 966 880 009

Zambia - Lusaka

Plot 397 A/3/B Kafue Road
Lusaka,
Zambia
+260 968 491 061

Zambia - Solwezi

Suite 12, Kansanshi Road, Plot No 2945,
Solwezi,
Zambia
+260 768 935 762

South African Branches

Ballito

Labora Terra Industrial Park
Shakas Rock Road, Umhlali
Ballito, KwaZulu Natal
+27 (0) 32 947 9430

Bloemfontein

26 Tibbie Visser Street
Estoire, Bloemfontein
Free State
+27 (0) 51 432 5555

Cape Town

6 Rondevallei Road, Hagley
Kuilsrivier, Cape Town
Western Cape
+27 (0) 21 528 6500

Durban

16 Stroude Place, Prospection
Isipingo,
KwaZulu Natal
+27 (0) 31 902 2677

East London

5 Ray Craib Crescent,
Beacon Bay North
Beacon Bay, Eastern Cape
+27 (0) 43 748 2558

Emalahleni

Stand 64, Geodesic Crescent
Marelden Ext 3
Mpumalange
+27 (0) 13 690 2833

George

10 Ring Road, George Industrial
George,
Western Cape
+27 (0) 44 695 0204

Gqeberha

4 Kendle Street
Neave Industrial Area,
Eastern Cape
+27 (0) 41 453 2317

Kathu

33 Kalk Street, Industrial Area
Kathu,
Northern Cape
+27 (0) 53 723 2194

Margate

Airport Park, Links Road
Margate Ext 3,
KwaZulu Natal
+27 (0) 39 317 1708

Mbombela

Erf 379, Rocky Drift
White River,
Mbombela
+27 (0) 13 758 1036

Midrand

Poplar Crescent, Lords View
Industrial Park, Klipfontein
Chloorkop X66, Gauteng
+27 (0) 10 601 6313

Newcastle

6 Schonland Street
Riverside Industrial Area
Newcastle, KwaZulu Natal
+27 (0) 34 375 7697

Polokwane

62 Goud Street, Laboria
Polokwane Ext 8,
Limpopo
+27 (0) 15 293 0450

Richards Bay

111 Allumina Allee St,
Alton, Richards Bay
KwaZulu Natal
+27 (0) 35 751 1140

Rustenburg

3 Ferro Street, Rustenburg
North West Province
+27 (0) 14 538 2540

Head Office

181 Barbara Road,
Elandsfontein, Gauteng
Tel +27 (0) 11 842 4000



Waco Africa / Head Office:
181 Barbara Road, Elandsfontein, Gauteng
Tel: +27 (0) 11 842 4000



www.formscaff.com

