

# UNIVERSAL STAIR™



The UNIVERSAL STAIR™ is of all aluminium construction making it outstandingly light and easy to handle and transport. It is preassembled, all that is necessary is to unfold the stair unit, hang it from a scaffold tube and attach the guardrails, leading to minimum erection time on site. The stair and guardrails are erected without spanner work, only a hammer and podger are required.



- DESIGNED TO FIT tube and fitting scaffolds
- AUTOMATIC lift height adjustment
- QUICKER and LIGHTER to erect
- CONFORMS to EN 12811
- RANGE of height 0.6 - 3.5 m

## Fully compliant with tube and fitting

UNIVERSAL STAIR is designed with the tube and fittings scaffolder in mind. No longer is it necessary to invest in a system stair tower, complete with specialised and expensive standards, transoms, braces and platforms, to comply with increasingly strict regulations. With UNIVERSAL STAIR you can build a totally compliant stair tower using existing stocks of tube, fittings and boards, reducing capital expenditure to a minimum. UNIVERSAL STAIR can also be used within system scaffolds and has wider applications outside scaffolding use.

## Supremely versatile

There are 5 models in the UNIVERSAL STAIR range, spanning from 0.6 m to 3.5 m lift heights. Each model is adjustable for lift height over a wide range, making UNIVERSAL STAIR supremely versatile, especially within tube and fitting scaffold structures. While system stairs can only accommodate fixed lift heights, the UNIVERSAL STAIR takes care of variable or floor level lifts, without the need to construct awkward angled run-offs or step-ups. (See figure 1).

## Adaptable and comfortable

UNIVERSAL STAIR has 680 mm clear width, making it very comfortable for the user. Integral double handrails (except Model 1) adapt automatically to the right height, whatever the angle of the stair. The handrails fold flat for transport and are simply unfolded for use. Reinforced vertical posts are inserted into special sockets and secured with hammer wedges.

## Safety assured

Safety is assured when using UNIVERSAL STAIR. Deep section stringers ensure great rigidity in use. Wide, perforated non-slip treads are very strong, each tread being able to support two average-sized persons (1.5 kN). Integral locking devices are provided to secure the stair at the desired angle, while the standard fit scaffold hooks have neat gravity locks. UNIVERSAL STAIR is fully compliant with Class B of EN 12811 in all permissible configurations (angle 38° to 52°).

## Multi-purpose

UNIVERSAL STAIR is very versatile and can be used for access on pitched roofs, inclined slopes or cuttings. Interchangeable end fittings for scaffold tubes, system transoms, concrete slabs, timber joists and framework decking are all available.

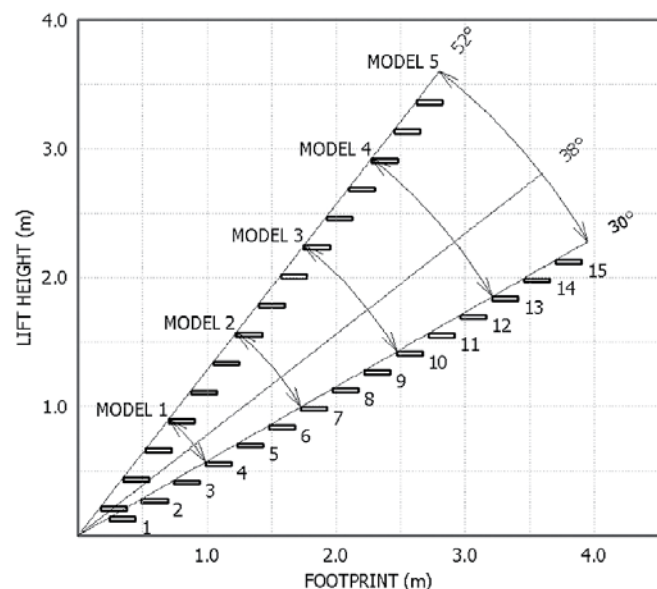


Figure 1





- 1** Self-locking hook secures stair to scaffold tube
- 2** Provides a comfortable stairway for materials to be safely carried
- 3** UNIVERSAL STAIR™ is designed to be used as an external stair tower. For use within a scaffold platform use Ladder Replacement stairs
- 4** Guardrails inserted into sockets and retained by wedges
- 5** Interchangeable top brackets for floor slabs and timber joists
- 6** Locking stay on each side secures stair at desired angle
- 7** Perfect for access to the upper-floors in new build, requires no scaffold
- 8** Steel reinforced feet with carrying handles
- 9** From flat-packed to erected in seconds
- 10** Versatile product can be used on slopes, inclines and pitched roofs



# UNIVERSAL STAIR™ Catalogue

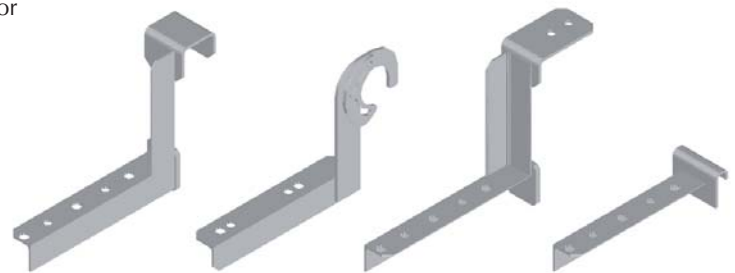
Part No.	Model	Steps	Lift Height		Horizontal Space		Weight	Guardrails	
			Min	Max	@ Min Height	@ Max Height		Short	Long
22110001	Model 1 stair only, no guardrails	3	0.56 m	0.85 m	1.02 m	0.77 m	11.9 kg	-	-
22110002	Model 2 stair only, no guardrails	6	0.95 m	1.47 m	1.69 m	1.22 m	19.7 kg	-	-
22110003	Model 3 stair only, no guardrails	9	1.37 m	2.17 m	2.43 m	1.71 m	29.8 kg	-	-
22110004	Model 4 stair only, no guardrails	12	1.80 m	2.87 m	3.18 m	2.20 m	39.2 kg	-	-
22110005	Model 5 stair only, no guardrails	15	2.23 m	3.57 m	3.92 m	2.69 m	47.0 kg	-	-
22100002	Model 2 incl guardrails both sides	6	0.95 m	1.47 m	1.69 m	1.22 m	29.7 kg	2 no.	-
22100003	Model 3 incl guardrails both sides	9	1.37 m	2.17 m	2.43 m	1.71 m	42.0 kg	-	2 no.
22100004	Model 4 incl guardrails both sides	12	1.80 m	2.87 m	3.18 m	2.20 m	59.2 kg	4 no.	-
22100005	Model 5 incl guardrails both sides	15	2.23 m	3.57 m	3.92 m	2.69 m	81.4 kg	2 no.	2 no.
22120001	Short guardrail	-	-	-	1.85 m	-	5.0 kg	-	-
22120002	Long guardrail	-	-	-	2.83 m	-	6.1 kg	-	-
22130001	Scaffold hooks (pair)	-	-	-	-	-	2.0 kg	-	-
22130002	Slab hanger (pair)	-	-	-	-	-	2.9 kg	-	-
22130003	KS bracket (pair)	-	-	-	-	-	3.9 kg	-	-
22130004	LR bracket (pair)	-	-	-	-	-	2.9 kg	-	-
22130005	OM bracket (pair)	-	-	-	-	-	4.9 kg	-	-

Overall width of all models = 764 mm, tread width = 680 mm



UNIVERSAL STAIR is supplied as a pre-assembled flight with or without guardrails and as standard with a pair of scaffoldhooks part no. 22130001.

Interchangeable hooks or hanger brackets are available for different applications.



22130004 LR Bracket      22130001 Scaffold Hook      22130002 Slab Hanger      22130003 KS Bracket

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