

Nationwide reach

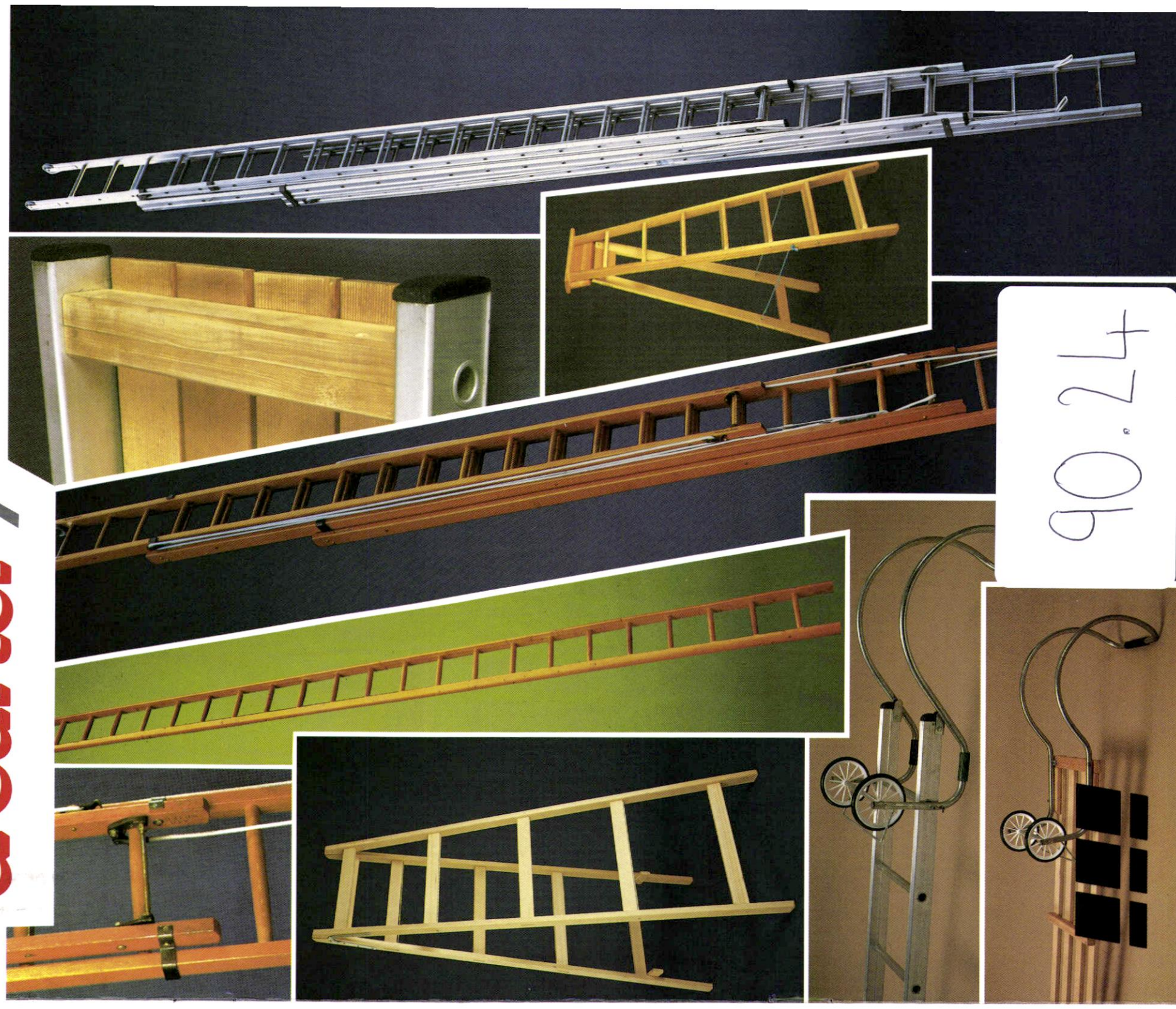
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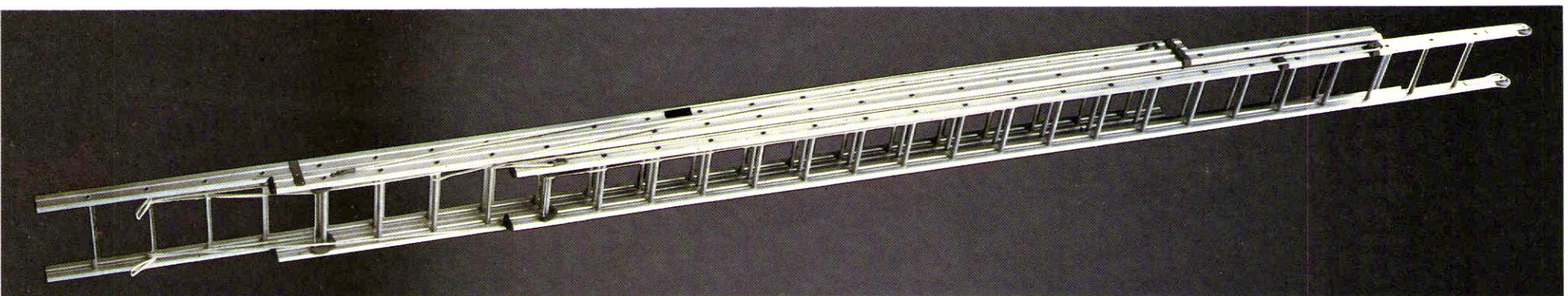
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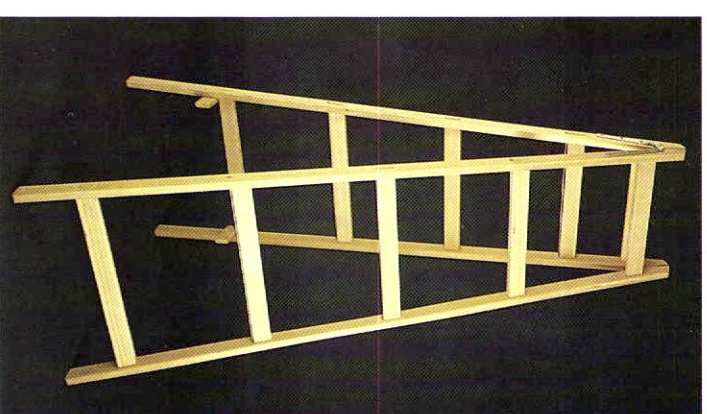
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(Tel: 0635 36768, Telex: 846365, Tele Fax: 0635 41929)

90.24

Industrial Aluminium Ladders



Trestles



TIMBER
Cross bars mortised and tenoned into the stiles, glued and wedged. Spaced to give a staggered rise of 254mm (10") centres. Tie rods fitted at intervals. Strong trestle joints. Screwed and bolted check blocks. Woodwork in the white. Metal fittings rust-proofed.

Trade Pattern – Medium weight		
Working Height Open	Size Closed	Approx. Weight
1.6m (5'4")	1.8m (6'0")	13.0kg (29lbs)
2.2m (7'4")	2.4m (7'11")	19.0kg (42lbs)
2.8m (9'3")	3.0m (9'11")	24.0kg (53lbs)
3.4m (11'3")	3.6m (11'11")	28.0kg (62lbs)

B.S. 1129 Class Industrial – For heavy duty use		
Working Height Open	Size Closed	Approx. Weight
1.6m (5'4")	1.8m (6'0")	15.5kg (34lbs)
2.2m (7'4")	2.4m (7'11")	19.5kg (43lbs)
2.8m (9'3")	3.0m (9'11")	26.5kg (58lbs)
3.4m (11'3")	3.6m (11'11")	31.0kg (68lbs)
4.0m (13'1")	4.2m (13'11")	37.5kg (83lbs)
4.5m (14'11")	4.9m (15'11")	43.0kg (95lbs)

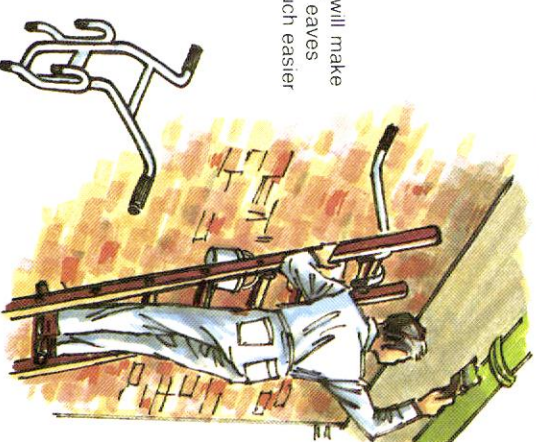


ALUMINIUM STAGINGS
New all aluminium construction using box section stiles and aluminium cross bearers housed by a double locking process giving excellent torsional rigidity for strength and durability. Complete with rubber end caps for protection. Easy maintenance.

Size	Weight
3.0m (9'11")	5.5m (17'11")
3.6m (11'11")	6.1m (19'11")
4.2m (13'11")	6.7m (21'11")
4.9m (15'11")	7.3m (23'11")

STAGING HANDRAIL POST
Manufactured from mild steel, this integrated assembly, enabling fixing at ground level or in situ, is zinc plated to BS1706.

7. Use of a ladder stay will make painting of underside of eaves and many other jobs much easier and safer.



Light and easy to handle, exceptionally rigid in relation to weight and maintenance free. 'Stecco' Ladders are manufactured to the highest standards from five specially designed stile sections in a suitably graded range of single, double and triple models. Most within the range of B.S. 2037 (limited to 12.80m (42.0') extended) are supplied 'Kite Marked'. A few slightly lighter models are included to meet popular demand.

SINGLE SECTION

Standard Duty Size Extended Approx. Weight

Size Closed	Size Extended	Approx. Weight
*2.5m (8'2")	—	5.0kg (11lbs)
*3.0m (9'10")	—	6.0kg (13lbs)
*3.8m (12'4")	—	7.5kg (17lbs)
*4.3m (14'1")	—	8.5kg (19lbs)
*4.8m (15'9")	—	9.5kg (21lbs)
5.6m (18'2")	—	11.0kg (24lbs)
Heavy Duty	—	—
*6.6m (21'7")	—	17.0kg (37lbs)
*7.3m (24'1")	—	19.0kg (42lbs)

TWO PART

Standard Duty Push-up

*2.0m (6'7")	3.3m (10'10")	9.0kg (20lbs)
*2.5m (8'2")	4.3m (14'1")	11.0kg (24lbs)
*3.0m (9'10")	5.3m (17'5")	13.5kg (30lbs)
3.5m (11'6")	6.3m (20'8")	15.5kg (34lbs)
3.8m (12'4")	6.8m (22'4")	16.5kg (36lbs)
4.3m (14'1")	7.8m (25'7")	18.5kg (41lbs)

Heavy Duty Push-up

*3.5m (11'6")	6.3m (20'8")	18.5kg (41lbs)
*4.3m (14'1")	7.8m (25'7")	24.5kg (54lbs)
*4.8m (15'9")	8.9m (29'2")	25.5kg (56lbs)
*4.8m (15'9")	8.9m (29'2")	29.0kg (64lbs)
5.3m (17'5")	9.6m (31'6")	29.0kg (64lbs)
*5.3m (17'5")	9.6m (31'6")	38.5kg (85lbs)
5.8m (19'0")	10.7m (35'1")	36.5kg (80lbs)

Push-up ladders can be supplied for rope operation. If required, wall running wheels can be fitted at an extra cost.

Special Heavy Duty Rope Operated

*6.3m (20'8")	12.0m (39'4")	49.5kg (109lbs)
7.3m (24'0")	13.8m (45'3")	60.0kg (132lbs)

Complete with ropes, pulleys and wall running wheels.

THREE PART

Standard Duty Push-up

*2.5m (8'2")	5.8m (19'0")	17.5kg (39lbs)
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Heavy Duty Push-up

*3.0m (9'10")	7.1m (23'4")	26.5kg (58lbs)
3.8m (12'4")	9.4m (30'10")	30.5kg (67lbs)
4.3m (14'1")	10.9m (35'9")	41.0kg (90lbs)
4.8m (15'9")	12.4m (40'8")	47.0kg (104lbs)

Push-up ladders can be supplied for rope operation. If required, wall running wheels can be fitted at an extra cost.

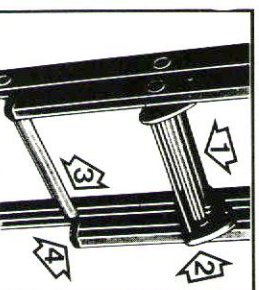
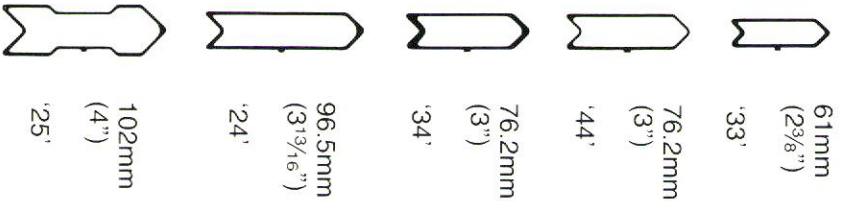
Special Heavy Duty Rope Operated

*4.8m (15'9")	12.5m (41'0")	66.0kg (146lbs)
5.6m (18'4")	14.5m (47'7")	75.0kg (165lbs)
6.3m (20'8")	16.8m (55'1")	78.5kg (173lbs)
7.3m (24'0")	20.0m (65'7")	90.0kg (198lbs)

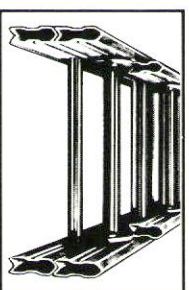
Complete with ropes, pulleys and wall running wheels

*Kite marked to B.S. 2037

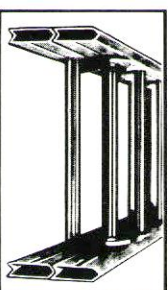
STILE SECTIONS



1. Rungs of deep fluted extrusion ensure a secure foothold.
2. Improved automatic springless locks on ALL extending models.
3. Unique locking heads interlock the fluting of the rungs at two distinct points and prevents rungs turning.
4. Stile ends fitted with solid rubber serrated plugs.



For two-part and lower sections of three-part ladders, the top stile stiles smoothly on the one beneath giving full width foothold minimum 283mm (11 1/4").



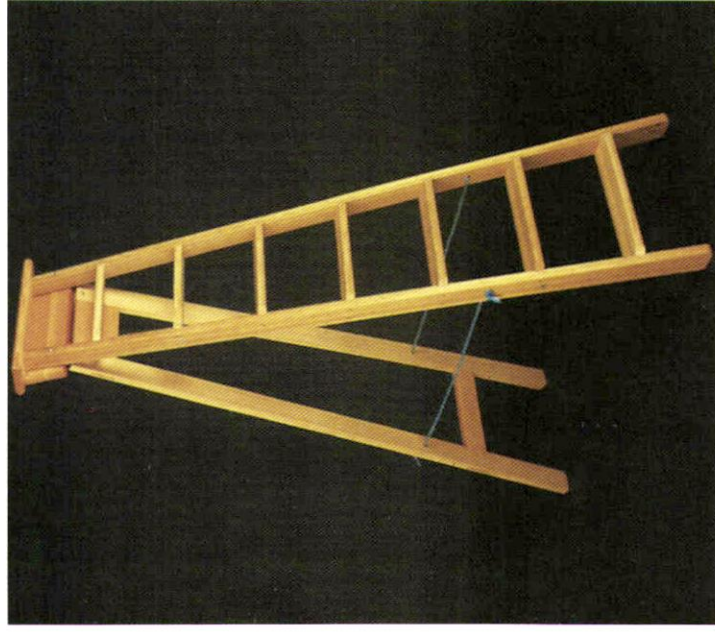
The stiles of special heavy duty ladders are extruded aluminium alloy of waisted section combining lightness with exceptional rigidity.

ALUMINIUM

Constructed from extrusions of our own design, giving exceptional strength in relation to weight. Special stile sections ensure safe fixing for the box section crossrails, which are securely riveted into the stile channels. Cast alloy hinges bolted to stiles. Sufficient width between stiles to take a lightweight batten staging or two board platform. Rubber end plugs.

Working Height Open	Size Closed	Approx. Weight
1.7m (5'7")	1.9m (6'3")	11.5kg (25lbs)
2.3m (7'7")	2.5m (8'2")	14.5kg (32lbs)
2.9m (9'6")	3.1m (10'2")	19.0kg (42lbs)

Timber Builders' Steps



Swing back hinged to the backboard and bolted through from the front of the stiles. Combed treads at 254mm (10") pitch and pinned.

Trade Pattern – Medium weight

No. of Treads (inc. Top)	Size Closed	Size Open	Approx. Weight
5	1.2m (4'0")	1.1m (3'8")	7.0kg (15lbs)
6	1.5m (4'9")	1.4m (4'4")	8.5kg (19lbs)
7	1.7m (5'8")	1.6m (5'3")	9.5kg (21lbs)
8	2.0m (6'6")	1.8m (6'0")	11.0kg (24lbs)
9	2.2m (7'4")	2.1m (6'10")	12.5kg (28lbs)
10	2.5m (8'2")	2.3m (7'7")	14.5kg (32lbs)

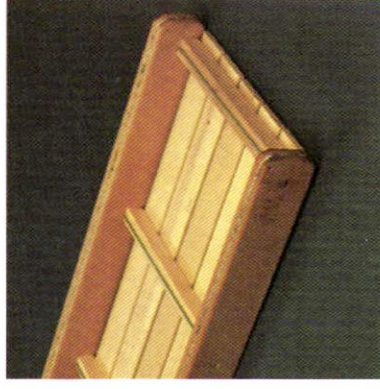
B.S. 1129 Class 1 Industrial – For heavy duty use

No. of Treads (inc. Top)	Size Closed	Size Open	Approx. Weight
5	1.2m (4'0")	1.1m (3'8")	8.5kg (19lbs)
6	1.5m (4'9")	1.3m (4'4")	9.5kg (21lbs)
7	1.7m (5'8")	1.6m (5'3")	12.0kg (26lbs)
8	2.0m (6'6")	1.8m (6'0")	13.5kg (30lbs)
10	2.5m (8'2")	2.3m (7'7")	18.0kg (40lbs)
12	3.0m (9'10")	2.8m (9'2")	21.5kg (47lbs)

Batten Stagings

TIMBER STAGINGS
450mm (18") wide. Designed to support loads equal to three workers with tools (270kg (594lbs) evenly distributed). Finished in the white. Metal work rustproofed. Stiles are reinforced with heavy gauge galvanised wire and cross rails reinforced with mild steel tie rods.

Size	Weight
2.4m (8'0")	5.5m (18'0")
3.0m (10'0")	6.1m (20'0")
3.6m (12'0")	6.7m (22'0")
4.3m (14'0")	7.3m (24'0")
4.9m (16'0")	

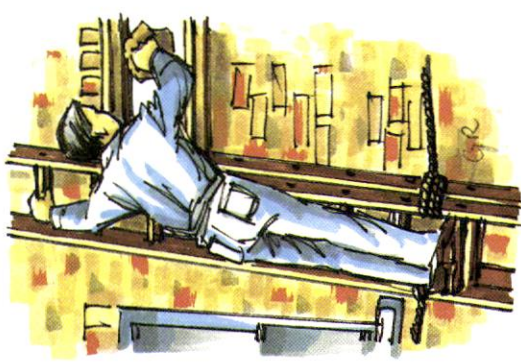


Hints on use and maintenance

5. On extension ladders allow at least a two rung overlap for sections up to 18 rungs each; three-rung overlap for sections between 18 and 23 rungs. Raise and lower ladder from ground. Ensure hooks or locks are securely engaged before climbing.



6. Do not over-reach, push or pull from the ladder or climb higher than the third rung from the top. Move the ladder to the work area. Always face the ladder, and do not climb up the side. Special care should be taken on a windy day. Never use the ladder upside down or allow two people on the ladder at the same time.



Industrial Timber Ladders

THE FINEST RANGE OF TIMBER LADDERS FOR TRADE AND INDUSTRY

Timber ladders are manufactured from the finest selected timber, and inspected at every stage of production. The wide range simplifies the task of choosing the right ladder for the job.

Timber ladders give you

- Reliability
- Confidence in use
- Stiles of selected softwood – Douglas Fir or Western Hemlock
- Rungs, selected hardwood – European Ash or highest quality, approved alternative. Guaranteed – load TESTED to 178kg (3½ cwt), housed full section to give extra strength and stability
- Stringent quality control throughout manufacture
- All rung joints sealed with waterproof glue
- Rustproofed fittings

Designed for tradesmen. Specification includes selected softwood (DOUGLAS FIR on sizes over 3.63m (11'11")) stiles with wire reinforcement on sizes 5.42m (17'9") and over; round hardwood rungs with weatherproof tenons, tie rod reinforced at intervals or under every rung if required. Wall running wheels, rope operation, swinging locks, guide plates on larger two-and three-part models, varnished finish. All models except MD24TR are kitemarked in accordance with B.S. 1129 and will satisfy the most exacting Safety Officer.

Single Section

Size Closed	Size Extended	Approx. Weight
3.6m (11'10")	—	11.0kg (24lbs)
4.6m (15'1")	—	16.0kg (35lbs)

Two Part Push-up

2.9m (9'5")	5.2m (17'1")	17.0kg (37lbs)
3.6m (11'10")	6.7m (22'0")	21.0kg (46lbs)
4.1m (13'7")	7.7m (25'3")	27.0kg (60lbs)
4.6m (15'1")	8.7m (28'7")	32.0kg (71lbs)

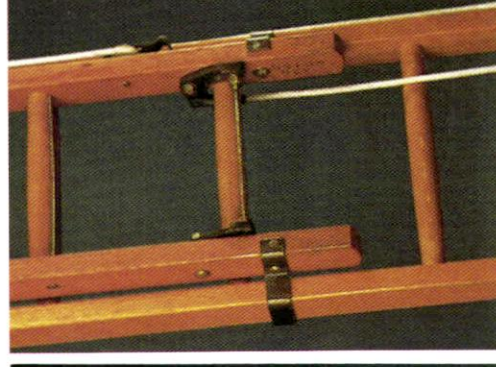
Two Part Rope Operated

4.1m (13'7")	7.7m (25'3")	28.5kg (63lbs)
4.6m (15'1")	8.7m (28'7")	35.0kg (77lbs)
*5.4m (17'9")	10.0m (32'10")	42.0kg (93lbs)
*5.9m (19'5")	11.0m (36'0")	49.0kg (108lbs)
*6.7m (21'11")	12.0m (39'4")	62.0kg (137lbs)
*7.2m (23'7")	13.3m (43'8")	67.5kg (149lbs)

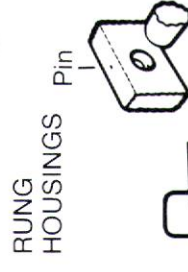
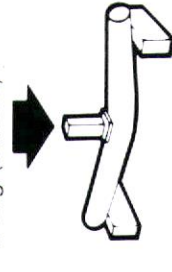
Three Part Operated

*4.6m (15'1")	12.5m (41'0")	68.5kg (151lbs)
*5.4m (17'9")	14.3m (46'11")	79.5kg (175lbs)
*5.9m (19'5")	15.8m (51'10")	91.5kg (202lbs)
*7.2m (23'7")	19.1m (62'8")	107.0kg (236lbs)

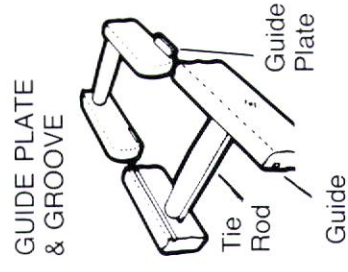
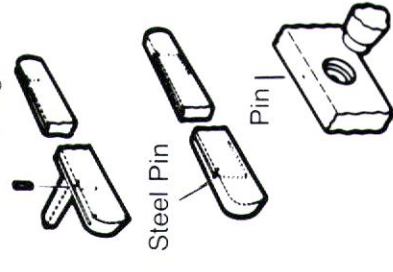
*With wire reinforced stiles and also wall running wheels. Wall running wheels can be fitted to other models at an extra cost.



RUNGS TESTED TO 178kg (3½cwt)



WIRE REINFORCING Wooden Wedge



Timber Pole Ladders



Manufactured from selected Scandinavian poles, tapered, dimensions in accordance with B.S. 1129 with TESTED hardwood rungs housed full section, drive fitted into blind holes at 254mm (10") centres, glued and pinned. Tie rods at intervals of under every rung if required. All metal work rust-proofed. Woodwork varnished.

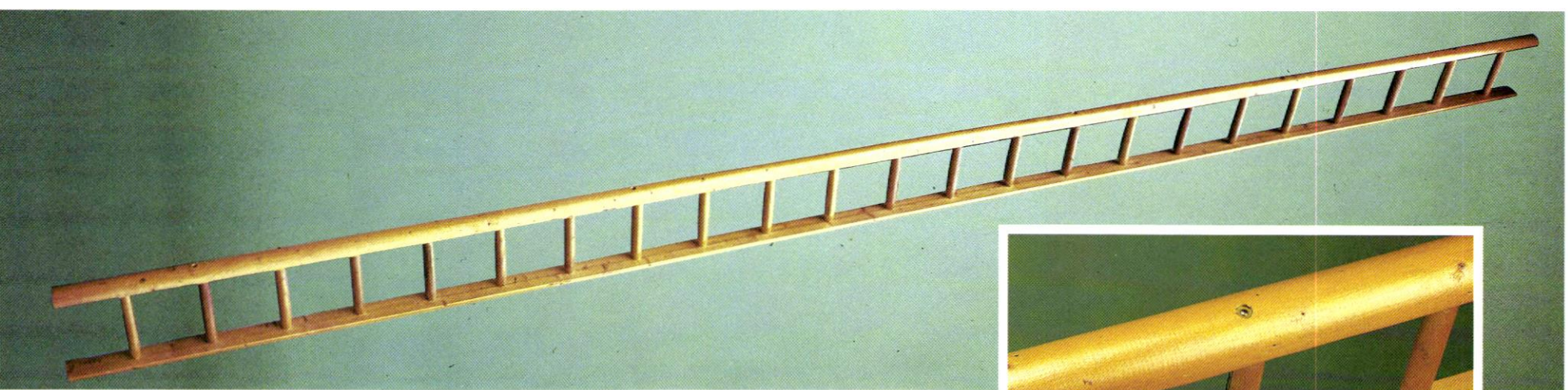
TIE ROD UNDER EVERY RUNG

No. of rungs	Size
13	3.5m (11'6")
15	4.0m (13'1")
17	4.5m (14'9")
19	5.0m (16'5")
21	5.5m (18'2")
23	6.0m (19'9")
25	6.5m (21'4")
27	7.0m (23'0")
29	7.5m (24'7")
31	8.0m (26'3")
33	8.5m (27'11")
35	9.0m (29'6")
37	9.5m (31'2")
39	10.0m (32'10")

STANDARD

No. of rungs	Size	Approx. Weight
13	3.5m (11'6")	15.0kg (33lbs)
15	4.0m (13'1")	16.5kg (36lbs)
17	4.5m (14'9")	18.5kg (41lbs)
19	5.0m (16'5")	20.0kg (44lbs)
21	5.5m (18'2")	21.5kg (47lbs)
23	6.0m (19'9")	22.5kg (50lbs)
25	6.5m (21'4")	24.0kg (53lbs)
27	7.09m (23'0")	27.0kg (60lbs)
29	7.5m (24'7")	32.5kg (72lbs)
31	8.0m (26'3")	38.0kg (84lbs)
33	8.5m (27'11")	39.5kg (87lbs)
35	9.0m (29'6")	41.0kg (90lbs)
37	9.5m (31'2")	42.5kg (94lbs)
39	10.0m (32'10")	46.0kg (101lbs)

Unless a specific instruction is given a ladder of the next available length up to 4 rungs longer will be supplied in the event of exact size not being available.



Roof Ladders



ALUMINIUM

'33' section ladder with specially designed detachable ridge iron to go over the largest ridge tiles. Rubber-tyred wheels have a simple locking device. Fittings are detachable allowing ladder to be used normally if required.

Overall Length	Approx. Weight
3.5m (11'6")	12.0kg (26lbs)
4.3m (14'1")	13.0kg (29lbs)
5.3m (17'5")	16.5kg (36lbs)
6.0m (19'8")	18.5kg (41lbs)

Roof Crawling Boards



TIMBER

Sections - 381mm (15") wide, with four battens. Tubular ridge iron complete with rubber tyred running wheels which have a simple locking device to prevent them running backwards.

Overall Length	Approx. Weight
4.7m (15'5")	15.0kg (33lbs)
5.2m (17'3")	18.5kg (41lbs)

EXTENSION PIECES

Can be attached with minimum overlap of 381mm (15")

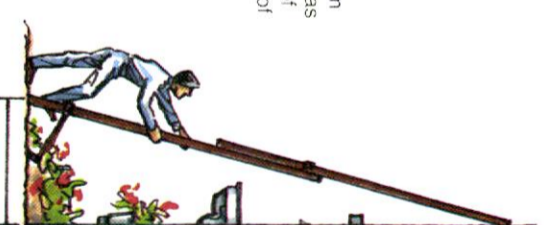
Overall Length	Approx. Weight
1.3m (4'2")	4.5kg (10lbs)
1.8m (5'10")	5.5kg (12lbs)
2.3m (7'6")	6.5kg (14lbs)
3.0m (10'0")	8.0kg (18lbs)
3.8m (12'6")	9.5kg (21lbs)

Hints on use and maintenance

1. Always examine a ladder carefully before use, paying particular attention to rungs, treads, crossbars and slits for damage or other defects.
2. Select a firm, level base for the foot of the ladder. If on soft earth, put down board. Never stand ladder on box to gain extra height.



3. The distance of the foot from the vertical surface should be as near as possible one quarter of the height reached by the top of the ladder.



4. At the top, both slits should be firmly supported, and secured in position whenever possible.

