

LADDERFRAME INDUSTRIAL ALLOY TOWERS

LADDERFRAME industrial alloy towers offer a safe means of access in all situations.

Platform levels can be varied in height at approximately 500mm/ 1'7" intervals, ensuring a comfortable working height wherever the job.

LADDERFRAME towers are full industrial duty & robustly manufactured from 50mm diameter alloy tube to a certified ISO9002 quality system for regular tough use and compliance with all current Health & Safety regulations.

- ▶ **LADDERFRAME design has vertical ladders built-in to tower frames.** This ensures access ladders cannot be lost or forgotten and also ensures that operatives use the safety of ladder access.
- ▶ All frames are interchangeable as lowers, uppers or guardrail frames without modification or additional components. Special guardrail frames are *NOT* required.
- ▶ Correct guardrail height is guaranteed when guardrail braces are fitted to the two rungs above platform level.
- ▶ All towers tested, approved & kitemarked to new BS EN1004 (previously known as HD1004).
- ▶ Also supplied with all components to comply with the Work at Height Regulations 2005 and HSE approved 3T erection method.
- ▶ Maximum safe working load of 750kg per tower and 250kg per platform level.
- ▶ Platform heights to 12m /40ft
- ▶ Choice of three lengths - 2.0m (6ft) or 2.5m (8ft) or 3.0m (10ft)
- ▶ Choice of two widths - 1.35m (4'5") Double Width or 0.72m (2'5") Single Width



Double Width towers are 1.35m wide, giving space for tools, materials and personnel.

Taller towers are fitted with extra trapdoor platforms and guardrails to ensure compliance with the new HSE approved 3T (Through-The-Trap) erection method.



LADDERFRAME INDUSTRIAL ALLOY TOWERS



Single Width towers are ideal in tight spaces.

At just 0.72m wide they will fit in many areas where a Double Width tower will not.

Ladderframe towers are the lowest cost and most popular design of industrial alloy towers.

Ladders are built-in to the tower frames, ensuring ladders are not lost or forgotten.

Ladderframe industrial towers are perfect for safe working in most locations.

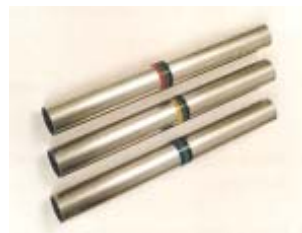
Robustly manufactured from 50mm diameter alloy tube to a certified ISO9002 quality system and approved to BS EN1004. All towers comply with the Work at Height Regulations 2005 and 3T erection method.



Heavy-Duty locking castors are approved to BS EN1004 with a maximum static load 600kg per castor. Adjustable Legs give 300mm of adjustment for levelling.



BRACES
colour coded
braces for
easy
identification



HOOK
full strength
profile to
reduce
damage



CRIMPING
ten indent
configuration
to resist
tension &
torque loads



PLATFORM
plywood
decking
coated with
non-slip mesh
phenol film



**ADJUSTABLE
LEG**
coarse thread
for rapid
height
adjustment



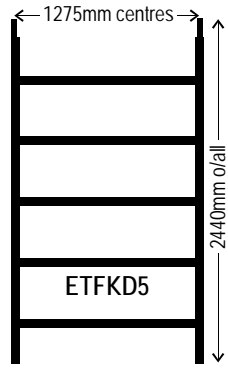
SPIGOT
cast
aluminium
for maximum
durability &
strength



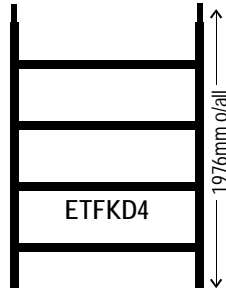
Stabilisers clamp to towers with captive bolts and wing nuts. No tools required.



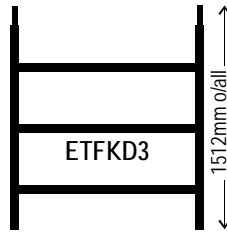
LADDERFRAME COMPONENTS



5 RUNG D/W FRAME
Weight: 9.0kg



4 RUNG D/W FRAME
Weight: 7.0kg

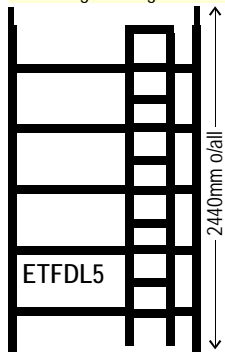


3 RUNG D/W FRAME
Weight: 5.0kg

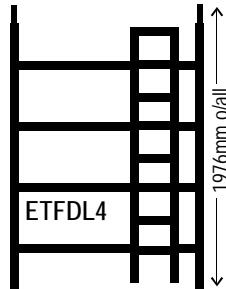


D/W GUARDRAIL FRAME
Weight: 3.0kg

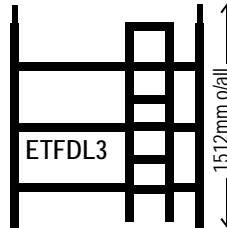
DOUBLE WIDTH SPAN FRAMES



5 RUNG D/W LADDERFRAME
Weight: 15.0kg

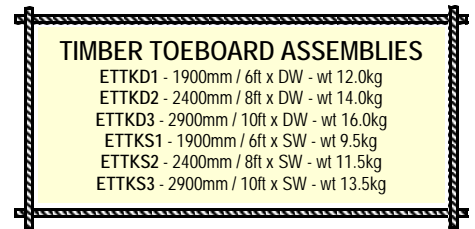


4 RUNG D/W LADDERFRAME
Weight: 12.0kg



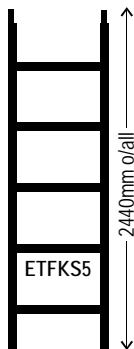
3 RUNG D/W LADDERFRAME
Weight: 9.0kg

DOUBLE WIDTH LADDERFRAMES

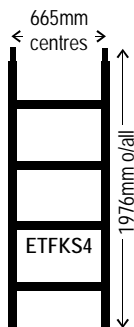


TIMBER TOEBOARD ASSEMBLIES

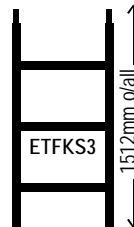
- ETTKD1 - 1900mm / 6ft x DW - wt 12.0kg
- ETTKD2 - 2400mm / 8ft x DW - wt 14.0kg
- ETTKD3 - 2900mm / 10ft x DW - wt 16.0kg
- ETTKS1 - 1900mm / 6ft x SW - wt 9.5kg
- ETTKS2 - 2400mm / 8ft x SW - wt 11.5kg
- ETTKS3 - 2900mm / 10ft x SW - wt 13.5kg



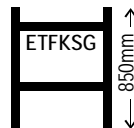
5 RUNG S/W FRAME
Weight: 7.0kg



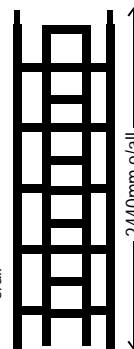
4 RUNG S/W FRAME
Weight: 5.0kg



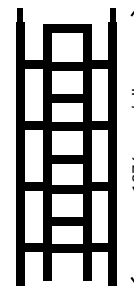
3 RUNG S/W FRAME
Weight: 4.0kg



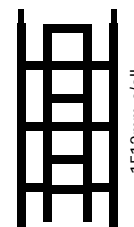
S/W GUARDRAIL FRAME
Weight: 3.0kg



ETFSL5
5 RUNG S/W LADDERFRAME
Weight: 13.0kg



ETFSL4
4 RUNG S/W LADDERFRAME
Weight: 10.0kg



ETFSL3
3 RUNG S/W LADDERFRAME
Weight: 7.0kg

SINGLE WIDTH SPAN & LADDERFRAMES



PLAIN PLATFORMS

- ETPKP1 - 1900mm hook ctr - wt 16.0kg
- ETPKP2 - 2400mm hook ctr - wt 20.0kg
- ETPKP3 - 2900mm hook ctr - wt 24.0kg

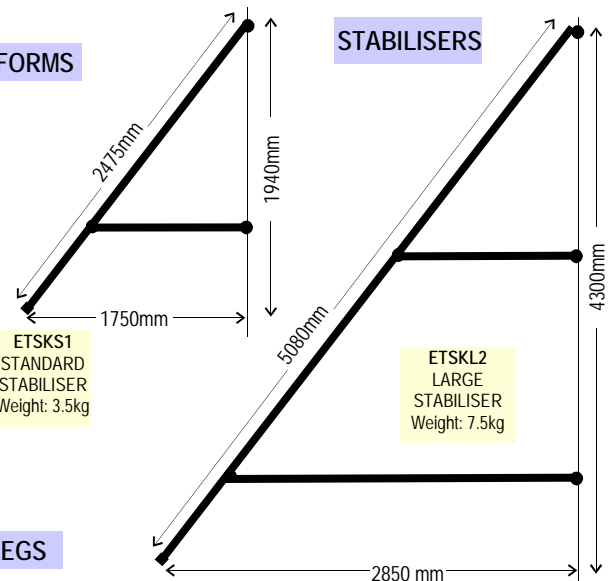


TRAPDOOR PLATFORMS

- ETPKT1 - 1900mm hook ctr - wt 16.0kg
- ETPKT2 - 2400mm hook ctr - wt 20.0kg
- ETPKT3 - 2900mm hook ctr - wt 24.0kg

PLATFORMS

STABILISERS



ETSKS1
STANDARD STABILISER
Weight: 3.5kg

ETSKL2
LARGE STABILISER
Weight: 7.5kg

BRACES



HORIZONTAL BRACES

- ETBKH1 - 1900mm hook ctr - wt 1.7kg
- ETBKH2 - 2400mm hook ctr - wt 2.0kg
- ETBKH3 - 2900mm hook ctr - wt 2.5kg



DIAGONAL BRACES

- ETBKD1 - 2115mm hook ctr - wt 1.7kg
- ETBKD2 - 2573mm hook ctr - wt 2.0kg
- ETBKD3 - 3045mm hook ctr - wt 2.5kg



CASTORS

- ETK5CR - 125mm / 5" diam - wt 3.0kg
- ETK6CR - 150mm / 6" diam - wt 3.5kg
- ETK8CR - 200mm / 8" diam - wt 5.0kg



ADJUSTABLE LEG

- ETKALA
Overall Length 600mm
Adjustment 300mm
Weight: 1.5kg

CASTORS & LEGS

LADDERFRAME INDUSTRIAL ALLOY TOWERS

DOUBLE WIDTH (1.35m wide) LADDERFRAME ALLOY TOWERS - COMPONENTS LIST

Appx Working Height	3.41	3.88	4.34	4.81	5.27	5.73	6.20	6.66	7.13	7.59	8.05	8.52	8.98	9.45	9.91	10.37	10.84	11.30	11.77	m
Tower Height	2.66	3.13	3.59	4.06	4.52	4.98	5.45	5.91	6.38	6.84	7.30	7.77	8.23	8.70	9.16	9.62	10.09	10.55	11.02	m
PLATFORM HEIGHT	1.41	1.88	2.34	2.81	3.27	3.73	4.20	4.66	5.13	5.59	6.05	6.52	6.98	7.45	7.91	8.37	8.84	9.30	9.77	m
Top Platform on Rung	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Components included to comply with Work at Height Regulations 2005 and HSE 3T Erection Method. All towers kitemarked to British Standard EN1004 (2005)																				
Castor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Please enquire for greater heights.
Adjustable Leg	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
3 Rung Span Frame	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	All towers can have alternative frame height combinations if preferred.
3 Rung Ladderframe	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
4 Rung Span Frame	-	-	1	2	1	-	2	3	2	1	-	4	3	2	1	-	4	3	2	
4 Rung Ladderframe	-	-	1	2	1	-	2	3	2	1	-	4	3	2	1	-	4	3	2	
5 Rung Span Frame	1	-	-	-	1	2	-	-	1	2	3	-	1	2	3	4	1	2	3	
5 Rung Ladderframe	1	-	-	-	1	2	-	-	1	2	3	-	1	2	3	4	1	2	3	
Diagonal Brace	2	2	4	4	6	6	8	8	10	10	12	12	14	14	16	16	18	18	20	
Horizontal Brace	6	6	6	6	10	10	10	10	10	10	10	14	14	14	14	14	14	14	14	
Plain Platform	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Trapdoor Platform	1	1	1	1	2	2	2	2	2	2	2	3	3	3	3	3	3	3	3	
Standard Stabiliser	-	-	-	4	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	
Telescopic Stabiliser	-	-	-	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	4	
Toeboard Assembly	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	
Available in 3 tower lengths - choose from 2.0m long ; 2.5m long ; 3.0m long																				

SINGLE WIDTH (0.72m wide) LADDERFRAME ALLOY TOWERS - COMPONENTS LIST

Appx Working Height	3.41	3.88	4.34	4.81	5.27	5.73	6.20	6.66	7.13	7.59	8.05	8.52	8.98	9.45	9.91	10.37	10.84	11.30	11.77	m
Tower Height	2.66	3.13	3.59	4.06	4.52	4.98	5.45	5.91	6.38	6.84	7.30	7.77	8.23	8.70	9.16	9.62	10.09	10.55	11.02	m
PLATFORM HEIGHT	1.41	1.88	2.34	2.81	3.27	3.73	4.20	4.66	5.13	5.59	6.05	6.52	6.98	7.45	7.91	8.37	8.84	9.30	9.77	m
Top Platform on Rung	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	
Components included to comply with Work at Height Regulations 2005 and HSE 3T Erection Method. All towers kitemarked to British Standard EN1004 (2005)																				
Castor	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	Tower rigidity considerations mean that the recommended maximum platform height of a Single Width tower is 8.0m unless it is securely tied-in to a solid structure. Please enquire for greater heights.
Adjustable Leg	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	4	
3 Rung Span Frame	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	All towers can have alternative frame height combinations if preferred.
3 Rung Ladderframe	-	2	1	-	-	-	1	-	-	-	-	-	-	-	-	-	-	-	-	
4 Rung Span Frame	-	-	1	2	1	-	2	3	2	1	-	4	3	2	1	-	4	3	2	
4 Rung Ladderframe	-	-	1	2	1	-	2	3	2	1	-	4	3	2	1	-	4	3	2	
5 Rung Span Frame	1	-	-	-	1	2	-	-	1	2	3	-	1	2	3	-	4	3	2	
5 Rung Ladderframe	1	-	-	-	1	2	-	-	1	2	3	-	1	2	3	-	4	3	2	
Diagonal Brace	2	2	3	3	4	4	5	5	6	6	7	7	8	8	9	-	10	9	8	
Horizontal Brace	6	6	6	10	10	10	10	10	10	10	10	14	14	14	14	-	18	17	16	
Trapdoor Platform	1	1	1	2	2	2	2	2	2	2	2	3	3	3	3	-	4	3	2	
Standard Stabiliser	-	4	4	4	4	4	4	4	-	-	-	-	-	-	-	-	-	-	-	
Telescopic Stabiliser	-	-	-	-	-	-	-	-	4	4	4	4	4	4	4	-	8	7	6	
Toeboard Assembly	1	1	1	1	1	1	1	1	1	1	1	1	1	1	1	-	2	1	1	
Available in 3 tower lengths - choose from 2.0m long ; 2.5m long ; 3.0m long																				

See our excellent website at
www.ladders999.co.uk

for prices of these and our huge range
of ladders, steps, podium steps
and scaffold towers



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