

HI-TECH ENGINEERING



ALUMINIUM LADDERS

DOMESTIC LADDERS

A Product Brochure

HI-TECH ENGINEERING



DOMESTIC LADDER

For domestic use in and around the home, godown & shops, e.g. for cleaning, cupboard access etc. "LS, MS & S" Strength ladder must use on these light workplace only. Made to the requirement of Indian Standard.

INDUSTRIAL LADDER

Our Industrial Ladders are made for moderate and heavy duty industrial trade/commercial used by professional contractors, tradepersons, workplace, serious DIY/handyman. You can use "VS" Strength Domestic ladder on your workplace. Made to the requirements of the Indian Standards.



WALL SUPPORT EXTENSION LADDER

HT-101

LADDER SIZE	STRENGTH TYPE	REACH HEIGHT
8+8 ft	VS	12 ft
10+10 ft	VS	16 ft
12+12 ft	VS	20 ft
13+13 ft	VS	22 ft
14+14 ft	VS	24 ft
15+15 ft	VS	26 ft
16+16 ft	VS	28 ft
17+17 ft	VS	30 ft
18+18 ft	VS	32 ft
19+19 ft	VS	34 ft
20+20 ft	VS	36 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India



WALL SUPPORT LADDER WITH HANDRAIL

HT-102

LADDER SIZE	STRENGTH TYPE	REACH HEIGHT
8 ft	LS	5 ft
10 ft	LS, MS	7 ft
12 ft	MS, S	9 ft
14 ft	MS, S	11 ft
16 ft	MS, S	13 ft
18 ft	S, VS	15 ft
20 ft	S, VS	17 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India

WALL SUPPORTING STRAIGHT LADDER

HT-103



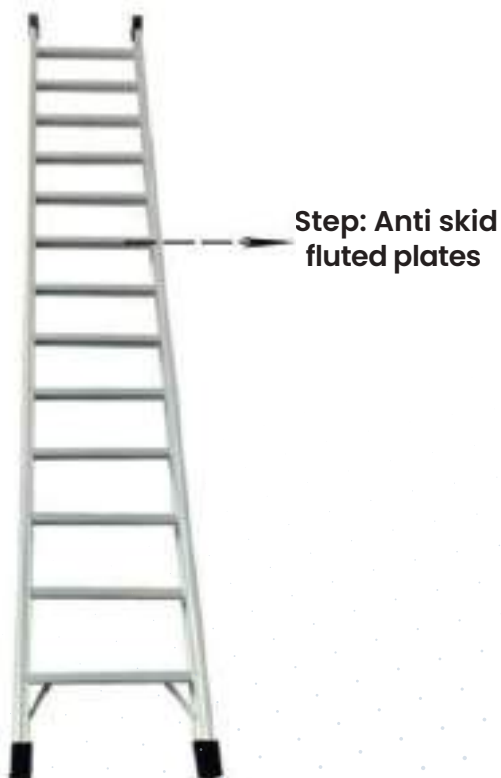
LADDER SIZE	STRENGTH TYPE	REACH HEIGHT
8 ft	LS	5 ft
10 ft	LS, MS	7 ft
12 ft	MS, S	9 ft
14 ft	MS, S	11 ft
16 ft	MS, S	13 ft
18 ft	S, VS	15 ft
20 ft	S, VS	17 ft
22 ft	VS	19 ft
24 ft	VS	21 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India

WALL SUPPORTING STRAIGHT LADDER

HT-103A



LADDER SIZE	STRENGTH TYPE	REACH HEIGHT
8 ft	LS	5 ft
10 ft	LS, MS	7 ft
12 ft	MS, S	9 ft
14 ft	MS, S	11 ft
16 ft	MS, S	13 ft
18 ft	S, VS	15 ft
20 ft	S, VS	17 ft
22 ft	VS	19 ft
24 ft	VS	21 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India

SELF SUPPORTING LADDER

HT-104



SELF SUPPORTING LADDER WITH HANDRAIL

HT-105

LADDER SIZE	STRENGTH TYPE	REACH HEIGHT
4 ft	MS	3 ft
5 ft	MS	4 ft
6 ft	MS	5 ft
7 ft	MS	6 ft
8 ft	MS	7 ft
9 ft	MS	8 ft
10 ft	MS	9 ft
11 ft	VS	10 ft
12 ft	VS	11 ft
13 ft	VS	12 ft
14 ft	VS	13 ft
15 ft	VS	14 ft
16 ft	VS	15 ft
17 ft	VS	16 ft
18 ft	VS	17 ft
19 ft	VS	18 ft
20 ft	VS	19 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India



BABY HEAVY LADDER WITH TOP SUPPORT

HT-106

LADDER SIZE	STRENGTH TYPE
4 ft	MS
5 ft	MS
6 ft	MS
7 ft	MS

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India



BABY LITE LADDER WITH TOP SUPPORT

HT-107

LADDER SIZE	STRENGTH TYPE
4 ft	MS
5 ft	MS
6 ft	MS
7 ft	MS

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India

EXTENDABLE TOWER LADDER TILTABLE WITH DOUBLE GEAR BOX

HT-108

Platform size: 2"X2" with 3" height guard rails & tools tray size 1"X2". 2nos fixed and 2nos swiveing solid rubber tyred wheels
 Trolley fabricated out of MS Channel
 Other: Ropes to arrest the swing of the tower ladder in foldable stabilizers



LADDER SIZE	STRENGTH TYPE	FRAME SIZE	TILT CLOSED SIZE	OPENABLE HEIGHT
15 ft + 15 ft	S, VS	4X6 ft	5 ft	26 ft
16 ft + 16 ft	S, VS	4X6 ft	6 ft	25 ft
17 ft + 17 ft	VS	4X6 ft	6 ft	30 ft
18 ft + 18 ft	VS	5X7 ft	7 ft	31 ft
19 ft + 19 ft	VS	5X7 ft	7 ft	33 ft
20 ft + 20 ft	VS	5X7 ft	7 ft	35 ft
22 ft + 22 ft	VS	6X8 ft	7 ft	39 ft
24 ft + 24 ft	VS	6X8 ft	8 ft	43 ft
20 ft + 20 ft + 20 ft	VS	7X8 ft	9 ft	50 ft
21 ft + 21 ft + 21 ft	VS	7X8 ft	9 ft	53 ft
22 ft + 22 ft + 22 ft	VS	7X8 ft	9 ft	56 ft
23 ft + 23 ft + 23 ft	VS	7X8 ft	10 ft	59 ft
24 ft + 24 ft + 24 ft	VS	7X8 ft	10 ft	62 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India





EXTENDABLE SELF SUPPORTING LADDER

HT-109

Both side step corrugated non slippery aluminium pipe with, hinges, rope & pulley system for extension and lowering of ladder
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LADDER SIZE	STRENGTH TYPE	REACH HEIGHT	OPENABLE HEIGHT
10 ft + 10 ft + 10 ft	S, VS	14 ft	16 ft
11 ft + 11 ft + 11 ft	S, VS	16 ft	18 ft
12 ft + 12 ft + 12 ft	s, VS	18 ft	20 ft
13 ft + 13 ft + 13 ft	s, VS	20 ft	22 ft
14 ft + 14 ft + 14 ft	S, VS	22 ft	24 ft
15 ft + 15 ft + 15 ft	S, VS	24 ft	26 ft
16 ft + 16 ft + 16 ft	S, VS	26 ft	28 ft
17 ft + 17 ft + 17 ft	VS	28 ft	30 ft
18 ft + 18 ft + 18 ft	VS	30 ft	32 ft
19 ft + 19 ft + 19 ft	VS	32 ft	34 ft
20 ft + 20 ft + 20 ft	VS	34 ft	36 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

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With MS Movable Wheel Base

WALL SUPPORTING STRAIGHT LADDER

HT-110

Straight ladder size support railings corrugated pipe with hooks for non slippery of ladders



LADDER SIZE	STRENGTH TYPE	REACH HEIGHT	OPENABLE HEIGHT
6 ft	MS, S, VS	4 ft	6 ft
8 ft	MS, S, VS	6 ft	8 ft
10 ft	MS, S, VS	8 ft	10 ft
12 ft	MS, S, VS	10 ft	12 ft
14 ft	MS, S, VS	12 ft	14 ft
16ft	MS, S, VS	14 ft	16 ft
18 ft	MS, S, VS	16 ft	18 ft
20 ft	MS, S, VS	18 ft	20 ft
22 ft	S, VS	20 ft	22 ft
24 ft	S, VS	22 ft	24 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

Manufactured By: HI-TECH | Made from: Aluminium Made in India

TROLLEY TYPED WHEELED LADDER

HT-111

Platform Size: Aluminium Chequered plate 2"X2" with 2" height guard railing. Other frame sizes as per ladder sizes. Trolley wheels. Trolley fabricated out of MS Channel



LADDER SIZE	STRENGTH TYPE	REACH HEIGHT	OPENABLE HEIGHT
5 ft	MS, S, VS	5 ft	5 ft
6 ft	MS, S, VS	6 ft	6 ft
7ft	S, VS	7 ft	7 ft
8 ft	s, VS	8 ft	8 ft
9 ft	s, VS	9 ft	9 ft
10 ft	S, VS	10 ft	10 ft
11 ft	S, VS	11 ft	11 ft
12 ft	VS	12 ft	12 ft
13 ft	VS	13 ft	13 ft
14 ft	VS	14 ft	14 ft
15 ft	VS	15 ft	15 ft

Strength Type: LS-Light Strong MS-Medium Strong S-Strong VS-Very Strong

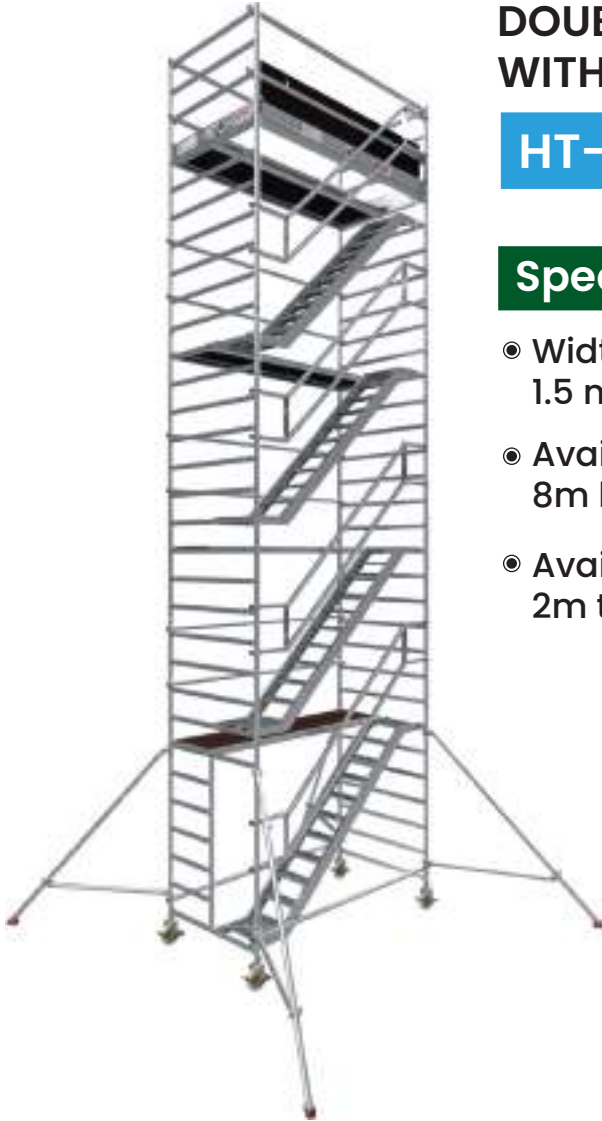
Manufactured By: HI-TECH | Made from: Aluminium Made in India

DOUBLE WIDTH MOVABLE SCAFFOLDINGS WITH STAIRCASE

HT-112

Specifications:

- Width × length*height of frame
1.5 m *2m*2m
- Available model Without staircase upto
8m height.
- Available model with staircase from
2m to 12 m height.



DOUBLE WIDTH MOVABLE SCAFFOLDINGS WITHOUT STAIRCASE

HT-113

Specifications:

- Width × length*height of frame
1.5 m *2m*2m
- Available model Without staircase upto
8m height.
- Available model with staircase from
2m to 12 m height.



SINGLE WIDTH MOVABLE SCAFFOLDINGS WITHOUT STAIRCASE

HT-114

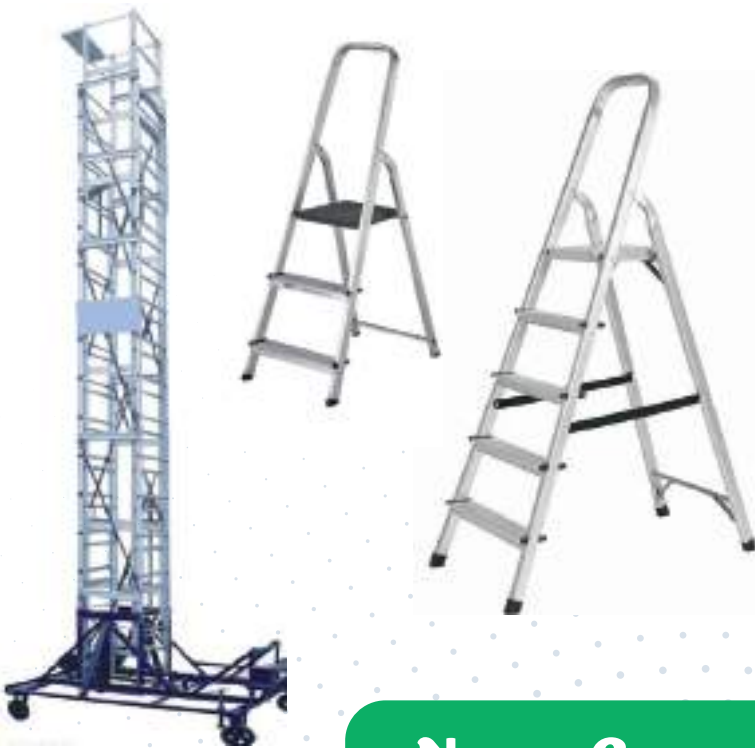
Specifications:

- Width × length * height of frame
1 m * 2m *2m
- Available sizes minimum 2m height to 6m height
- All can be assembled and dismantled



HI-TECH ENGINEERING

Established in 1995, Hi-Tech Engineering is a leading ISO 9001:2015 certified company based in Tiruvanaikovil, Trichy. We specialize in anodizing, powder coating, electro colouring, and manufacturing aluminium ladders for industrial and domestic use. With over 30+ years of expertise, we deliver reliable and durable surface treatments that meet high industry standards.



Never Compromise With Heights

For More Info: