



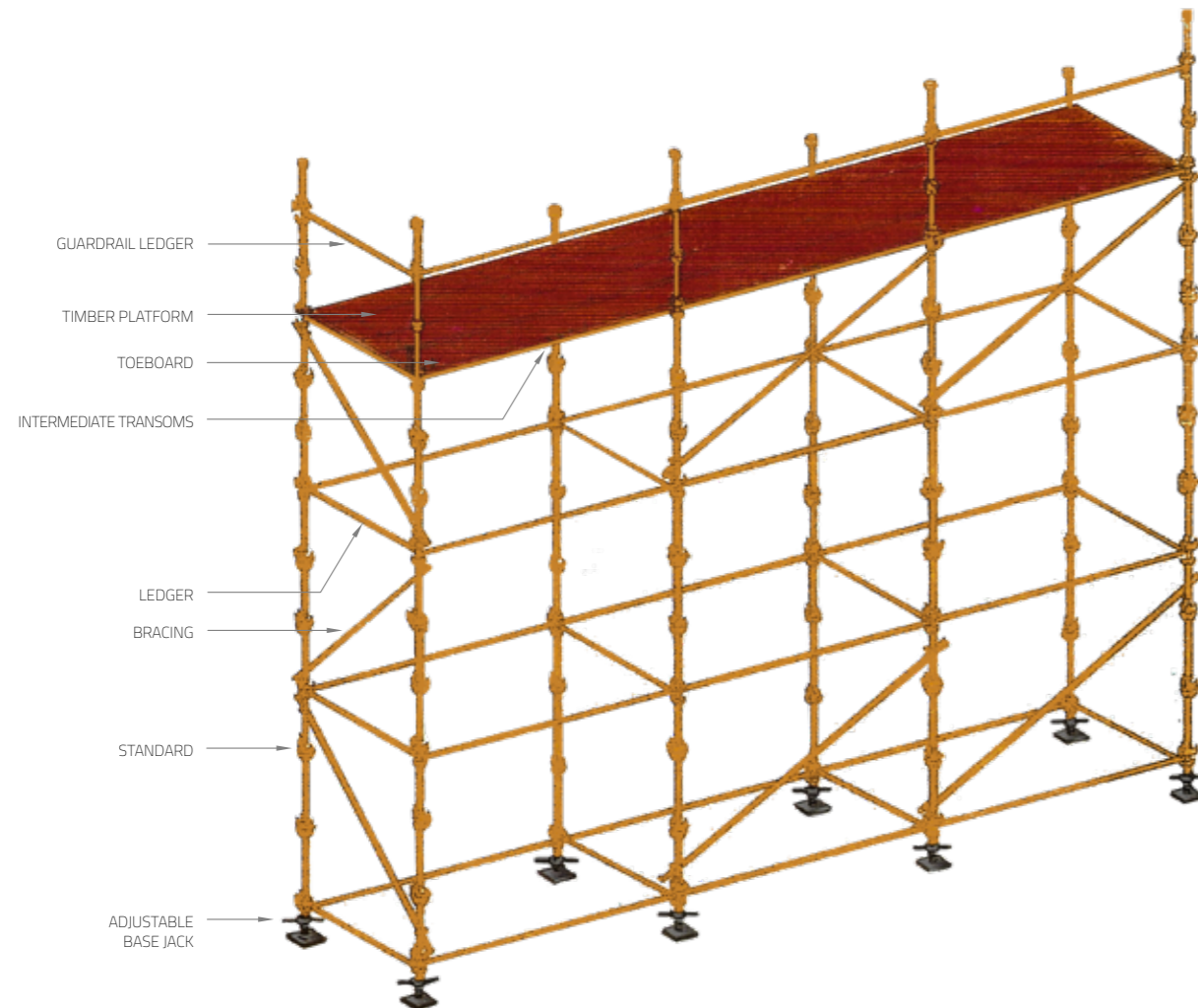
K-LOCK ACCESS

K-LOCK TECHNICAL DETAILS K-LOCK ACCESS SCAFFOLD:

- **K-LOCK** is a proven multi-purpose scaffold system which can be used for all forms of access and support structures in the building and construction industries, shipbuilding, offshore construction and industrial maintenance.
- **SPEED OF ERECTION** :K-Lock provides major savings in erection and dismantling times thus minimizing on site costs. When not in use, its modular construction ensures minimal space requirements for storage.
- **SIMPLICITY**: K-Lock's unique node point connection allows up to four horizontal members to be connected to a vertical member in one single action - without the use of nuts and bolts or wedges. The locking device is formed by two cups, a fixed lower cup which is welded to the vertical component at pre-located intervals and sliding upper cup. The forged blade ends of the components

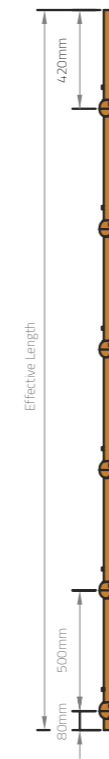
in place and a hammer blow then results in a positive rigid connection.

- **VERSATILITY**: K-Lock is extremely versatile. It can be erected for straight, curved and circular configuration for both access and support, and also for independent and mobile towers.
- **STRENGTH**: Both vertical and horizontal members are manufactured from $\phi 48.3 \times 3.2$ mm high tensile steel to British Standard 4360 Grade 50 (minimum UTS + 534 MPa).
- **DURABILITY**: With no loose parts and with corrosion protection by hot-dip galvanizing to British Standard 729, minimum thickness of the zinc coating is 85 microns.
- Conforms to BS1139 Parts 5, HD 1000, OSHA and Australian & New Zealand Standards.



K-LOCK TECHNICAL DETAILS K-LOCK STANDARD:

The standard is the vertical member of the scaffold with a spigot at one end for accurate alignment. Also available in open end. Standards are made from $\phi 48.3 \times 3.2$ mm steel tube, all standards incorporate with fixed bottom cups and drop forged sliding top cups.

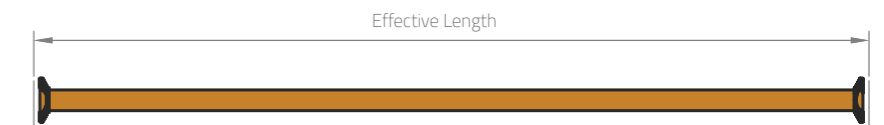


DESCRIPTION	WEIGHT (kg)
3.0m Standard	14.80
2.8m Standard	14.00
2.5m Standard	12.40
2.3m Standard	11.40
2.0m Standard	10.00
1.8m Standard	9.00
1.5m Standard	7.90
1.3m Standard	6.50
1.0m Standard	5.00
0.8m Standard	4.10

K-LOCK LEDGER:

DESCRIPTION	WEIGHT (kg)
2.5m Ledger	9.20
1.8m Ledger	6.70
1.6m Ledger	6.00
1.3m Ledger	4.90
1.2m Ledger	4.50
1.0m Ledger	3.80
0.9m Ledger	3.50
0.6m Ledger	2.40

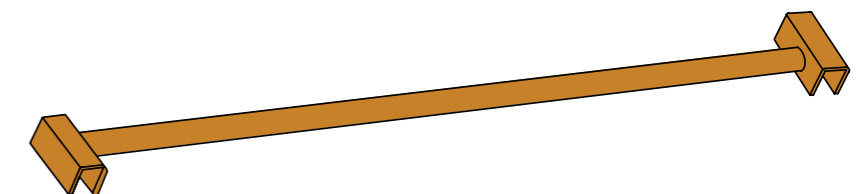
The ledger consists of symmetrical forged blade ends for simple erection and complete interchangeability in support structures. They locate in the bottom cups of the standards at platform level. Can also be used as guardrails.



K-LOCK INTERMEDIATE TRANSOMS:

DESCRIPTION	WEIGHT (kg)
2.5m Transom	12.10
1.8m Transom	9.00
1.6m Transom	7.00
1.3m Transom	6.50

They are used where scaffold boards require intermediate support between the span of two ledgers. They have an integral locking device to prevent movement during use.

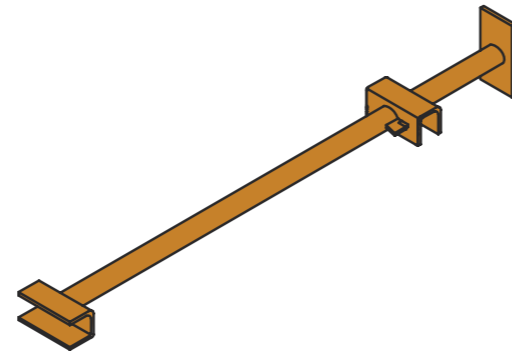


Detailed catalogue of K- Lock Slab Formwork available on request

K-LOCK TECHNICAL DETAILS K-LOCK INSIDE BOARD TRANSOMS:

Functions similar to intermediate transom, but it extends beyond the ledgers to provide intermediate support to a single inside board.

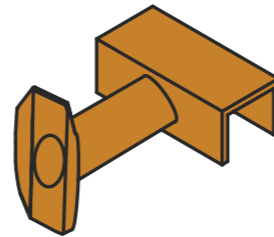
DESCRIPTION	WEIGHT (kg)
1.3m + 1 Board	9.40



K-LOCK RETURN DEVICE:

One end of return device comprises of blade and the other end a hooked section which locates over ledger on the return elevation to provide a corner connection.

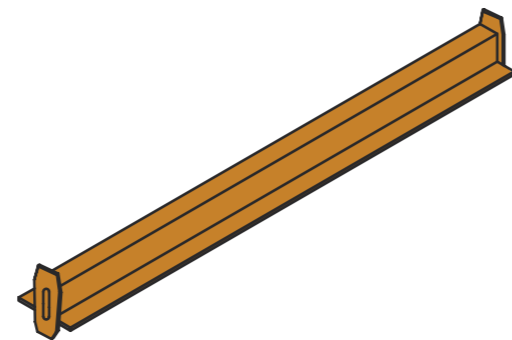
DESCRIPTION	WEIGHT (kg)
Return Device	1.90



K-LOCK OMEGA TRANSOMS:

They are made of omega section to accept either timber or steel battens. Different sizes are available.

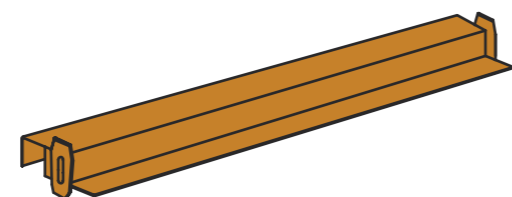
DESCRIPTION	WEIGHT (kg)
2.5m Omega Transom	13.10
1.8m Omega Transom	9.50
1.3m Omega Transom	6.90
0.9m Omega Transom	5.10



K-LOCK RETURN TRANSOMS:

They provide connection between two adjacent 90° bays

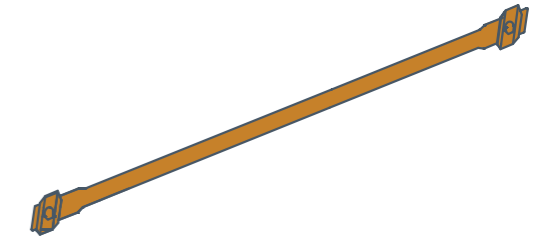
DESCRIPTION	WEIGHT (kg)
Return Transom 1.8m	10.50
Return Transom 1.3m	7.70
Return Transom 0.9m	5.40



K-LOCK TECHNICAL DETAILS K-LOCK SWIVEL FACE BRACE:

They provides the face bracing to a K-Lock access scaffold. Each brace has a swiveling blade end to allow for easy location in the node point.

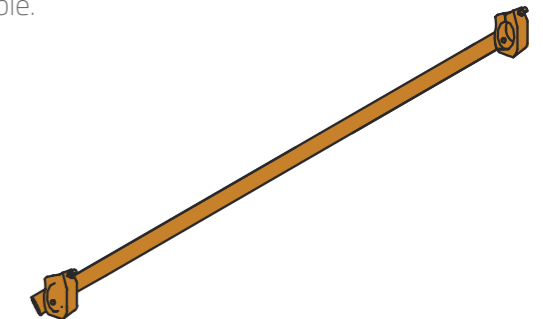
DESCRIPTION	WEIGHT (kg)
2.5 x 2.0m Brace	12.10
1.8 x 2.0m Brace	10.00
1.3 x 2.0m Brace	9.20



K-LOCK COUPLER BRACE:

The coupler brace is used when necessary across the scaffold. Different sizes are available.

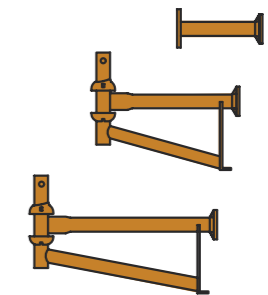
DESCRIPTION	WEIGHT (kg)
2.5 x 2.0m Brace	12.80
1.8 x 2.0m Brace	10.50
1.3 x 2.0m Brace	9.50



K-LOCK HOP-UP BRACKETS:

Made of Ø48.3 tube. It is designed to increase overall width of working platform. It is connected to standard at one end and at other end it incorporate a cup joint for a additional inside ledger to join hop-up bracket together to support intermediate transoms. Provision for locating hand rail post is also provided.

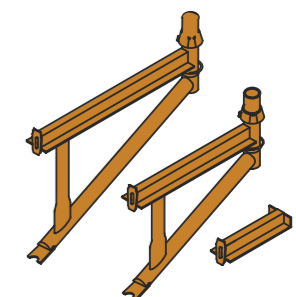
DESCRIPTION	WEIGHT (kg)
3-Board Hop-up Bracket	6.90
2-Board Hop-up Bracket	5.50
1-Board Hop-up Bracket	1.50



K-LOCK OMEGA HOP-UP BRACKETS:

Made of Omega profile. It is designed to increase overall width of working platform. It is connected to standard at one end and at other end it incorporate a cup joint for a additional inside ledger to join hop-up bracket together to support intermediate transoms. Provision for locating hand rail post is also provided.

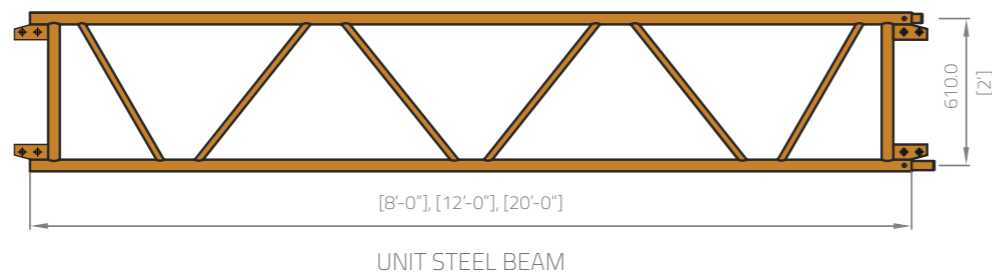
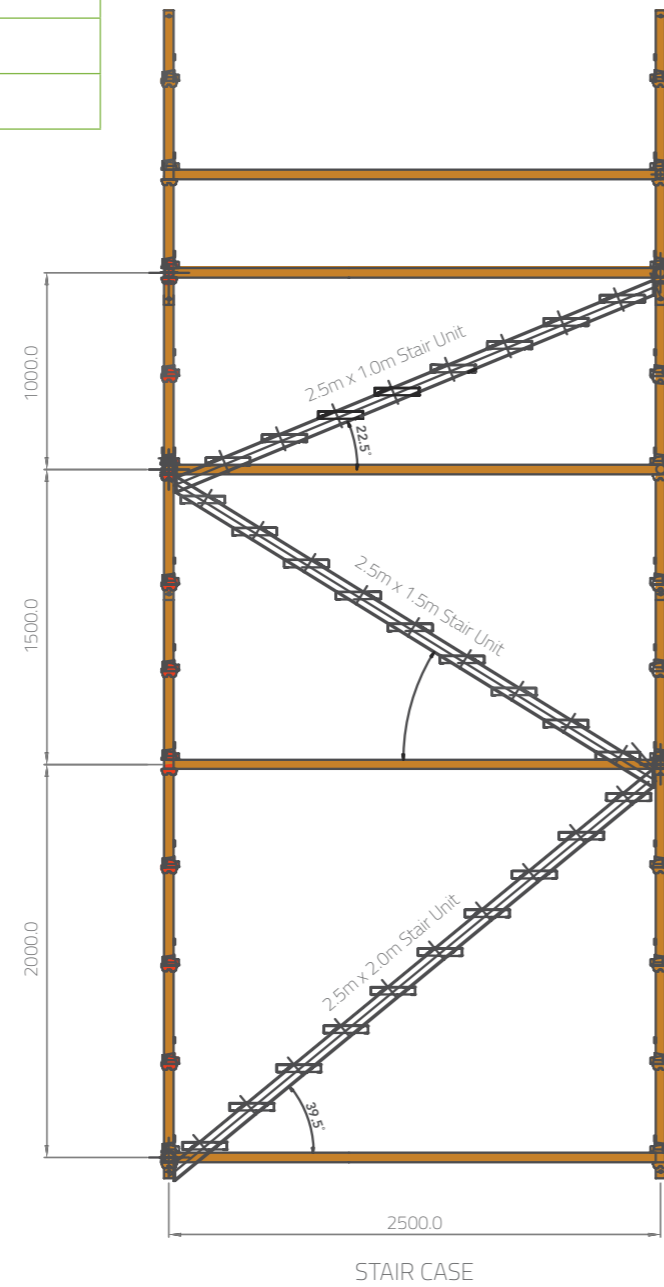
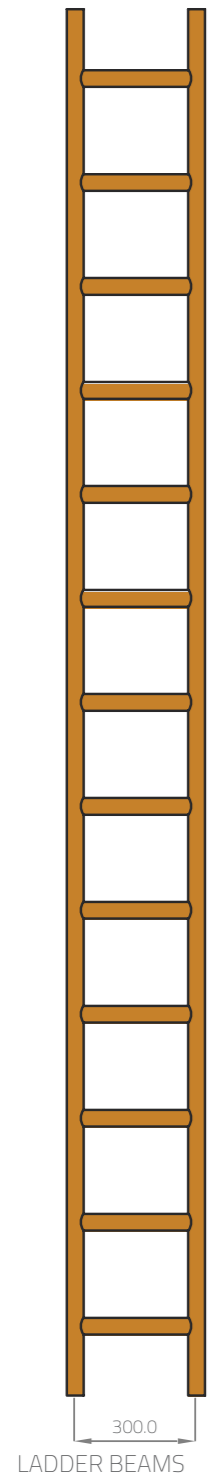
DESCRIPTION	WEIGHT (kg)
3-Board Omega Hop-Up Bracket	7.70
2-Board Omega Hop-Up Bracket	6.30
1-Board Omega Hop-Up Bracket	1.50



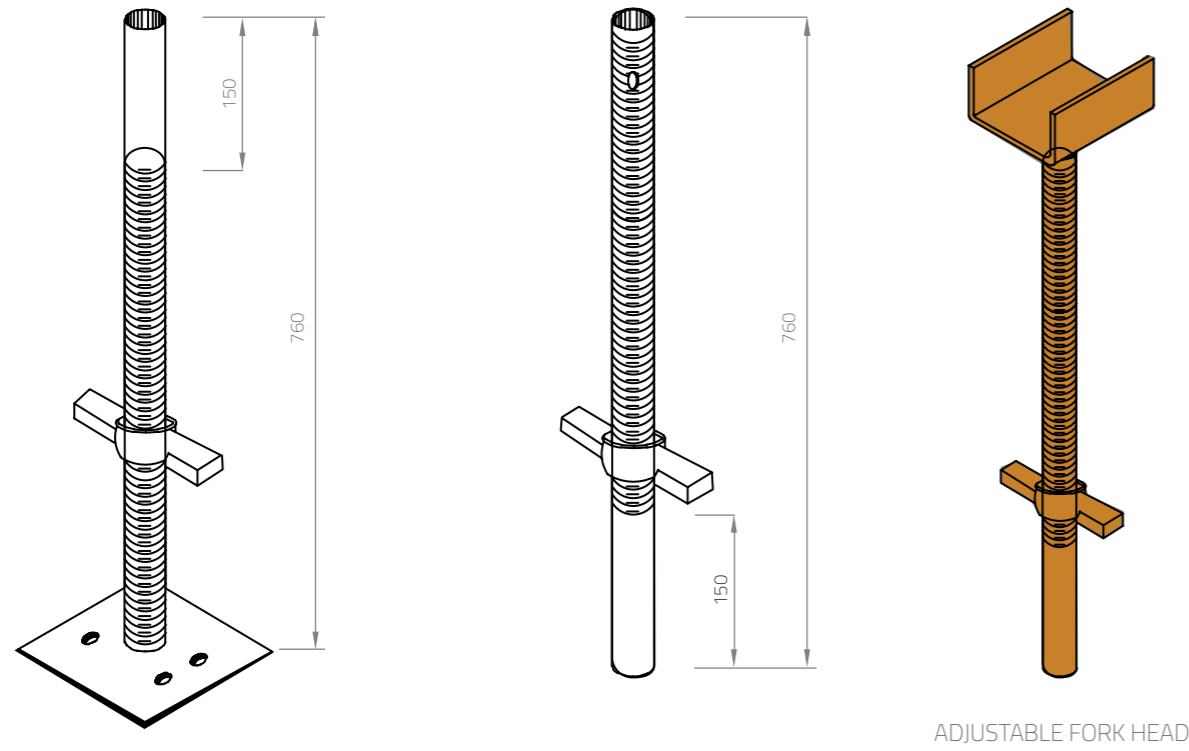
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K-LOCK SYSTEM
K-LOCK STAIR ACCESS:

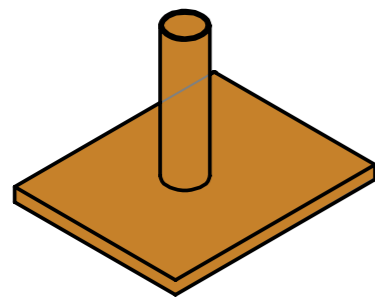
DESCRIPTION	WEIGHT (kg)
Stair Case (2.5m x 2m)	113.00
Outer Hand Rail	14.00
Inner Hand Rail	10.00



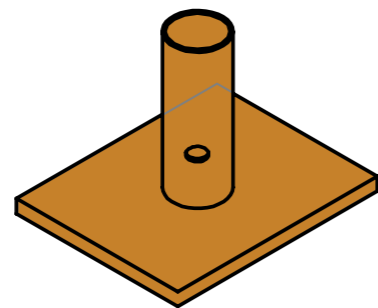
K-LOCK SYSTEM
K-LOCK JACKS



SAFE WORKING
LOADS -57 KN

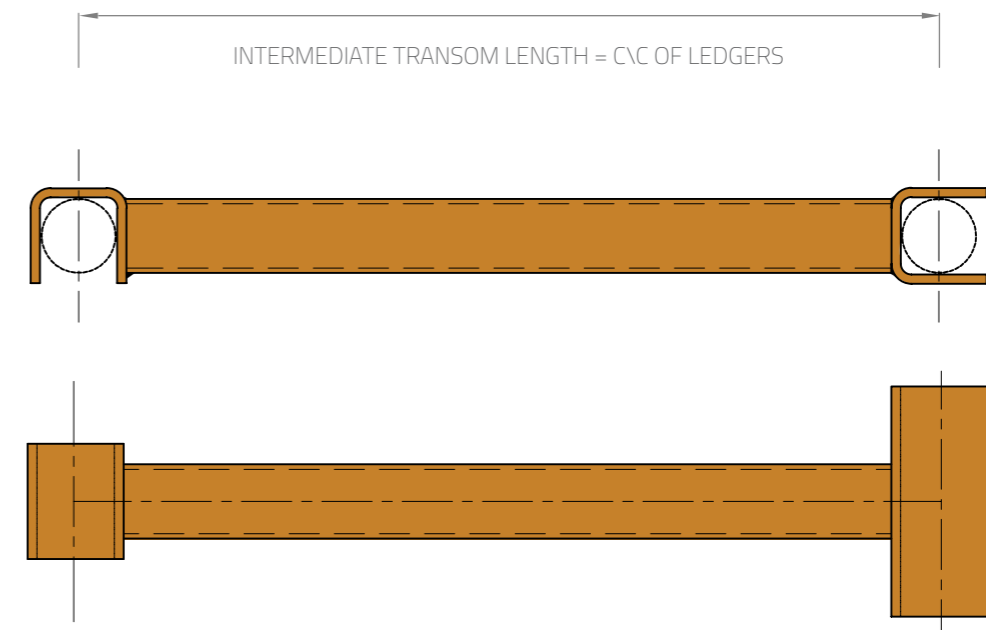
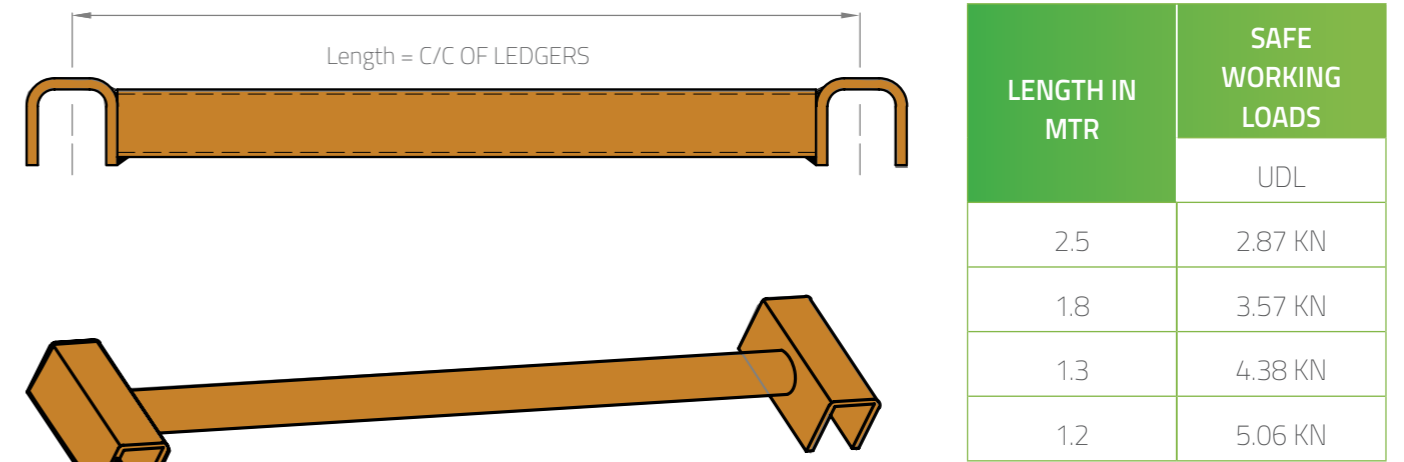


PLAIN BASE PLATE



SOCKET BASE ADAPTER

K-LOCK SYSTEM
INTERMEDIATE TRANSOM



K-LOCK INTERMEDIATE TRANSOM LOADING DATA:-

CODE	SIZE	WT.	UDL
KL-041	2.50m	12.10 kg	4.93 kN
KL-042	1.80m	9.80 kg	3.57 kN
KL-043	1.30m	8.00 kg	4.38 kN
KL-044	1.20m	7.60kg	5.06 kN