

formwork



uni-span

**Cofragem
& Andaimes**



**Formwork
& Scaffolding**



formwork

Uni-Span South Africa started trading in Mozambique in 2000, and opened the company Uni-span Mozambique Limitada.

In 2003 Uni-Span Mozambique Limitada became a fully independent Mozambique Company and in 2011, Unispan Tete Yard was born. They contributed to the building of the Vale and Riversdale/Rio Tinto mine as well as most buildings in the area. Unispan contributed to many local charity projects within the area.

It was in 2013 that Unispan Nacala was established. Support was given to the Nacala port development and city infrastructure and development upgrades.

Late 2014, Unispan made investments to support the Pemba and Palma regions. The strategical decisions were financially heavy investments in respect to the unstable regions and market. Although Unispan holds high hopes to support this region for both formwork and scaffolding industry.

Uni-Span Maputo head office was moved to a new premise in Matola in 2016, to a twohector holding yard with offices, full work shop facilities, painting, sandblasting, pipe bending, and material safety testing equipment. The area allows for a large stock holding capacity.

Unispan Mozambique scaffolding is manufactured in South Africa (Unispan Manufacturing) under the quality code of SABS (SANS 651-1).

uni-span



THE WALL SYSTEM

The Uni-Span system consists of all steel economy panels. These are available in a combination of sizes from 75mm to 600mm wide and 900mm to 3000mm long. Special sizes can also be made to order.

The panels are joined by wedge sets which are inserted through slots in the punched flat which forms the edge of the panel.

The panels are aligned by either tube or channel walers which are clamped to the panels with "B" or "C" clamps.

For heavy duty concrete work, form soldiers are used. The panels are then gangformed and crane handled.

The panels are tied together to form parallel faces using tie systems. The versatile panel system can be used to construct: walls, columns, beams, culverts, bridges and pile caps.

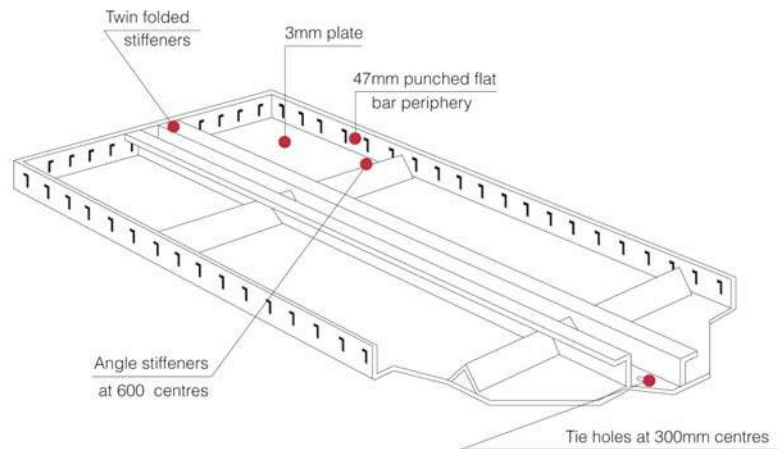
The panel system consists of 6 basic elements: Steel economy panels, tubular or channel walers, wedge sets, tie systems, push-pull props or plumbing brackets and access brackets.



ECONOMY PANEL

Economy panels are an advanced multi-purpose formwork system because:

- Stiffeners are built into the panel, therefore only two scaffold tube or channel walers are required for alignment.
- Minimum clamps are required
- Rapid assembly with wedge sets
- Can easily be erected by unskilled labour
- Accommodates any tie system
- Durable steel face plate cannot be damaged by vibrators or penetrated by the reinforcing steel
- The automatic precision on assembly, results in 100% dimensional accuracy of the finished concrete
- Multi use - walls and decking



The economy panel's main application is for vertical walling.

It can also be used for horizontal beam soffits and for slabs where an "off the shutter" finish is required.



75 - 300mm wide

Length		Width		Mass
mm		mm		kg
3 000	x	600		78.9
3 000	x	500		70.2
3 000	x	450		65.8
3 000	x	400		59.6
3 000	x	350		55.3
3 000	x	300		46.4
3 000	x	250		39.9
3 000	x	230		38.6
3 000	x	225		38.0
3 000	x	200		32.8
3 000	x	150		29.1
3 000	x	100		18.8
3 000	x	75		18.7

Length		Width		Mass
mm		mm		kg
2 700	x	600		70.6
2 700	x	500		61.0
2 700	x	450		59.0
2 700	x	400		53.4
2 700	x	350		49.5
2 700	x	300		41.9
2 700	x	250		34.8
2 700	x	230		32.7
2 700	x	225		32.5
2 700	x	200		29.7
2 700	x	150		26.2
2 700	x	100		17.0
2 700	x	75		16.9

Length		Width		Mass
mm		mm		kg
2 400	x	600		63.5
2 400	x	500		56.5
2 400	x	450		53.0
2 400	x	400		43.4
2 400	x	350		38.8
2 400	x	300		37.4
2 400	x	250		26.1
2 400	x	230		31.4
2 400	x	225		31.0
2 400	x	200		28.2
2 400	x	150		23.3
2 400	x	100		15.1
2 400	x	75		11.7

Length		Width		Mass
mm		mm		kg
2 100	x	600		55.2
2 100	x	500		48.7
2 100	x	450		46.1
2 100	x	400		41.7
2 100	x	350		38.7
2 100	x	300		32.8
2 100	x	250		27.4
2 100	x	230		26.8
2 100	x	225		26.7
2 100	x	200		23.4
2 100	x	150		20.5
2 100	x	100		13.2
2 100	x	75		12.3

1 800	x	600		48.2
1 800	x	500		42.6
1 800	x	450		40.2
1 800	x	400		36.3
1 800	x	350		33.7
1 800	x	300		28.3
1 800	x	250		25.2
1 800	x	230		23.4
1 800	x	225		23.0
1 800	x	200		20.2
1 800	x	150		17.7
1 800	x	100		11.4
1 800	x	75		10.5

1 500	x	600		39.9
1 500	x	500		35.0
1 500	x	450		33.3
1 500	x	400		30.1
1 500	x	350		27.9
1 500	x	300		23.7
1 500	x	250		20.1
1 500	x	230		19.9
1 500	x	225		19.3
1 500	x	200		17.1
1 500	x	150		14.8
1 500	x	100		9.5
1 500	x	75		9.1

1 200	x	600		32.9
1 200	x	500		30.1
1 200	x	450		27.4
1 200	x	400		24.2
1 200	x	350		22.0
1 200	x	300		19.3
1 200	x	250		16.2
1 200	x	230		15.9
1 200	x	225		15.6
1 200	x	200		12.2
1 200	x	150		12.0
1 200	x	100		7.2
1 200	x	75		5.5

900	x	600		25.9
900	x	500		22.2
900	x	450		21.4
900	x	400		18.4
900	x	350		17.1
900	x	300		14.7
900	x	250		13.5
900	x	230		12.2
900	x	225		11.9
900	x	200		10.8
900	x	150		9.1
900	x	100		5.9
900	x	75		5.0



Clip & Wedge Set

Mass 0.1kg

Connects panels together.



Heavy Duty Wedge Set

Mass 0.2kg

Connects panels together.



Wedge Assembly

Mass 1.5kg

Connects column boxes and uniform panels together.



Working 'C' Clamp

Connects channel to economy panel.



'B' Clamp

Mass 0.8kg

For rapid connection of tube to panels for accurate alignment.



'C' Clamp

Mass 1.1kg

For rapid connection of channel to panels for accurate alignment.



Form Panel Clamp

Mass 0.4kg

Connects form soldiers to panels.



Tube Waler Clamp

Mass 0.6kg

Connects tube to form soldier.



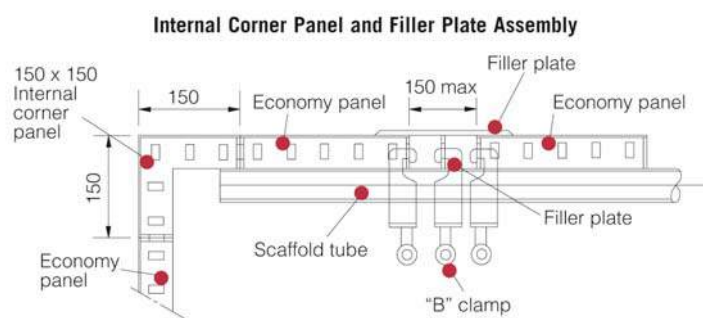
Channel Waler Clamp

Mass 0.9kg

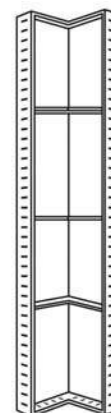
Connects channel to form soldier.

INTERNAL CORNER PANEL

ICP's come in the full range of EF Panel lengths forming 150 x 150mm internal corners. They can be used for the internal corner between a drop beam and slab soffit as well as vertical corners.



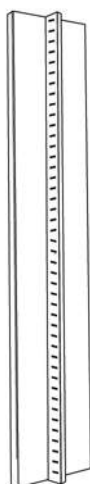
Size (mm)	Mass (kg)
3 000 x 150 x 150	39.1
2 700 x 150 x 150	35.3
2 400 x 150 x 150	33.2
2 100 x 150 x 150	31.5
1 800 x 150 x 150	25.0
1 500 x 150 x 150	23.8
1 200 x 150 x 150	16.2
900 x 150 x 150	12.4



FILLER PLATE

Filler plates fill in gaps when using non-standard modules and facilitate stripping in confined areas.

Size (mm)	Mass (kg)
3 000 x 200	15.8
2 700 x 200	14.3
2 400 x 200	12.7
2 100 x 200	11.1
1 800 x 200	9.5
1 500 x 200	8.0
1 200 x 200	6.4
900 x 200	4.8



EXTERNAL CORNER ANGLE

ECA's have a fixed size of 50mm x 50mm and are used to connect the panels at a 90° angle on walls or columns.

Size (mm)	Mass (kg)
3 000 x 50 x 50	11.3
2 700 x 50 x 50	10.2
2 400 x 50 x 50	9.1
2 100 x 50 x 50	7.9
1 800 x 50 x 50	6.8
1 500 x 50 x 50	5.7
1 200 x 50 x 50	4.5
900 x 50 x 50	3.4

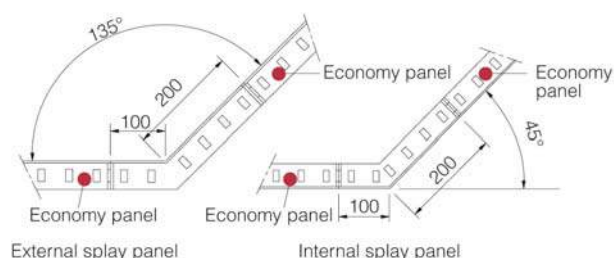


INTERNAL SPLAY PANEL

Size (mm)	Mass (kg)
1 200 x 200 x 100 x 135° Internal Splay	15.1
900 x 200 x 100 x 135° Internal Splay	11.6

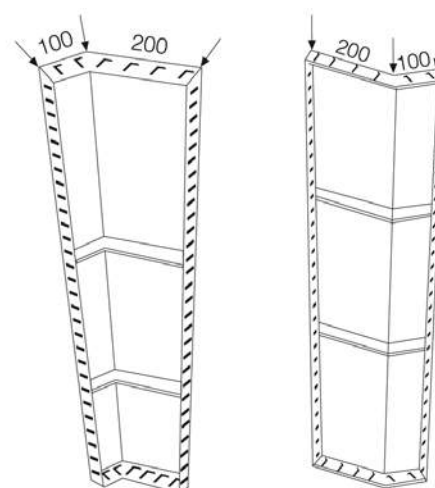
EXTERNAL SPLAY PANEL

Size (mm)	Mass (kg)
1 200 x 200 x 100 x 135° External Splay	15.1
900 x 200 x 100 x 135° External Splay	11.6



SPLAY PANEL

Designed to obtain 135° corners. Two of these panels may be used in conjunction with a small timber strip to obtain different face widths.

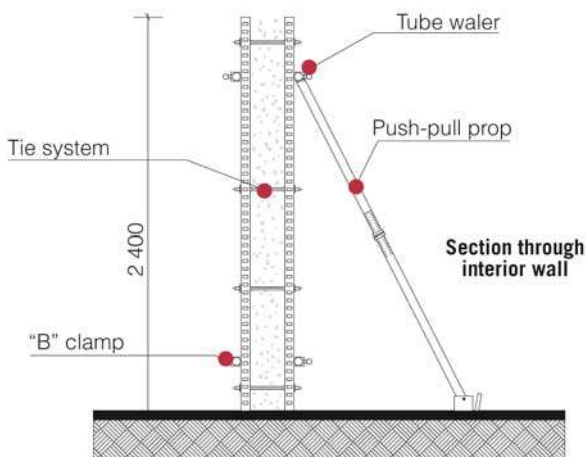


WALLING SYSTEM - ERECTION PROCEDURE

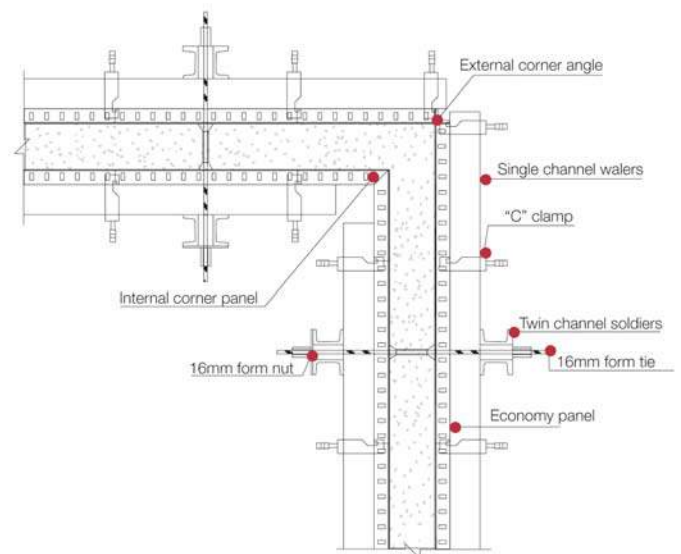
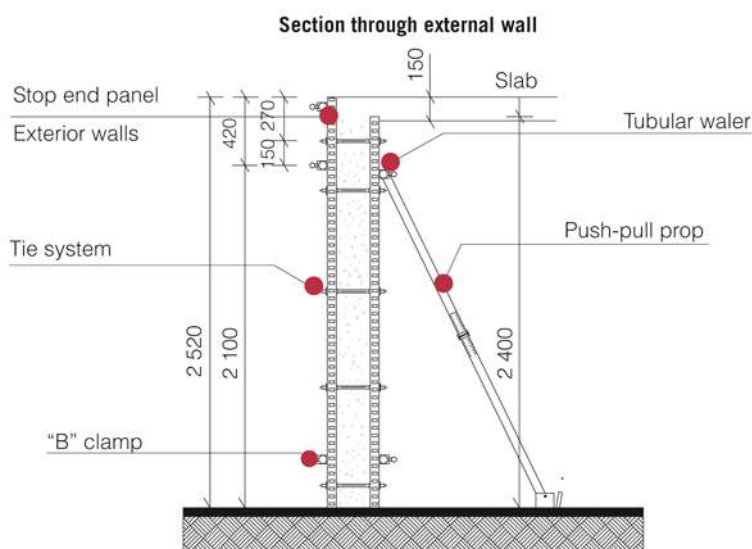
For Crane Handled Gangform System

1. The panels are laid out on a flat surface and joined with wedge sets.
2. Tubes and/or channels are attached to the panels with 'B' or 'C' clamps.
3. The assembled wall is lifted into position either manually or with a crane.
4. Ties are inserted through the tie holes, the plastic tube having been cut to the correct length in accordance with the width of the concrete wall to be poured.
5. Push-pull props are secured to the ground and to the gangform and are adjusted to achieve accurate vertical plumbing.

Assembly of external and internal wall shutters.

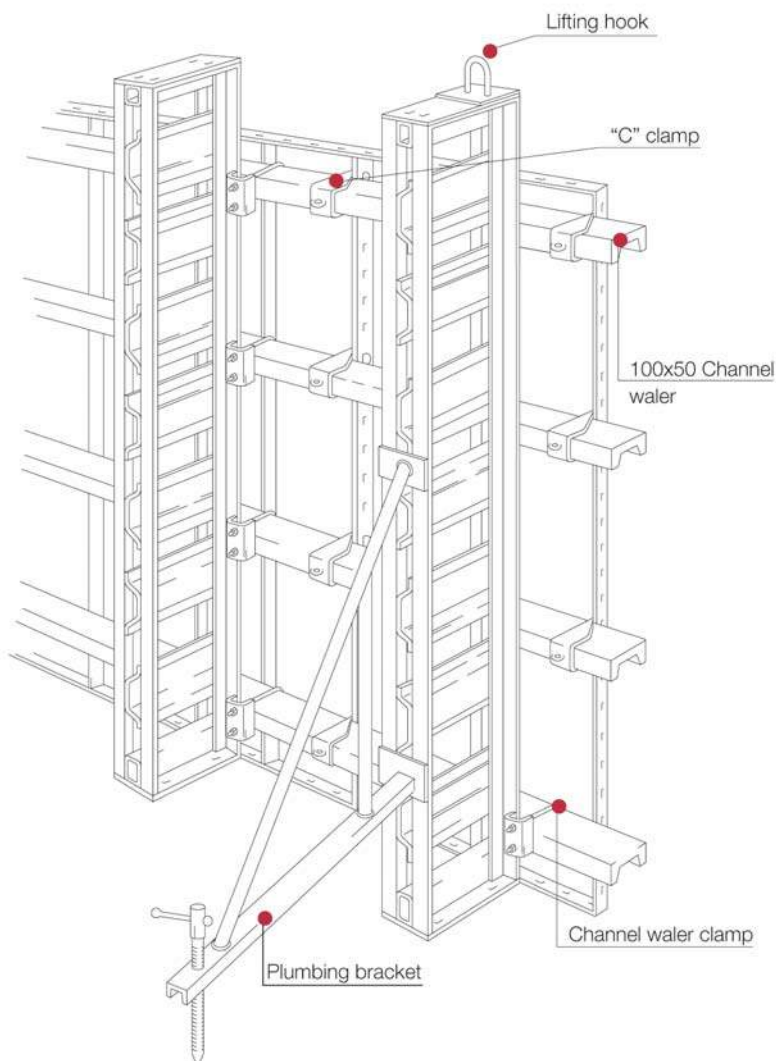


Steel faced economy panels and single channel aligning walers including form soldiers complete with plumbing and access bracket fittings.



Typical wall plan showing a panel layout of economy panels and internal corner panels using aligning channels with ties through the panel onto twin channel soldiers.

Wall system



FORM SOLDIERS

The form soldier is used for gangform wall shutters where crane handling is available. The shutter becomes a precision unit ideal for perfect "off the shutter" finishes.

- Structural web system enables ties and anchors to be positioned anywhere in its height.
- Ideally suited for climbing formwork.
- Can be used as bearers for heavy structures.

Form soldiers have plan dimensions of 300mm deep x 150mm wide.

Properties of major axis:

Moment of inertia 3598cm^4

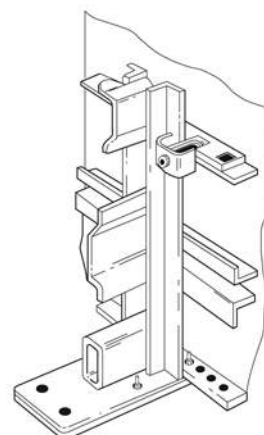
Section modulus 240cm^3

Allowable tie load 85kN at any point.

Form soldier $I = 3598\text{cm}^4$ $Z = 240\text{cm}^3$

Size (mm)	Mass (kg)
3 600	82.5
3 300	76.2
3 000	69.9
2 700	63.5
2 400	57.3
2 100	51.1
1 800	44.8
1 500	38.5
1 200	32.2

FORM BOTTOM PLATE



Panel clamp for connecting horizontal steel panels directly to the face of the form soldier.

Mass 0.26kg

Bottom plate facilitates fixing or lifting. This bolts directly to the bottom of the form soldier and panels.

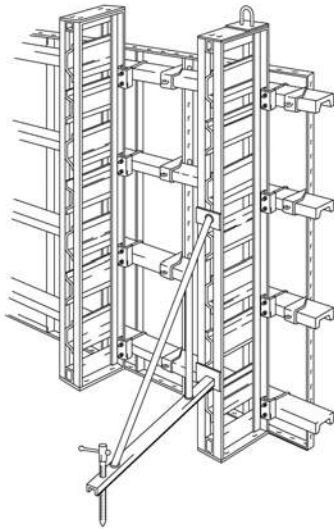
Mass 2.25 kg



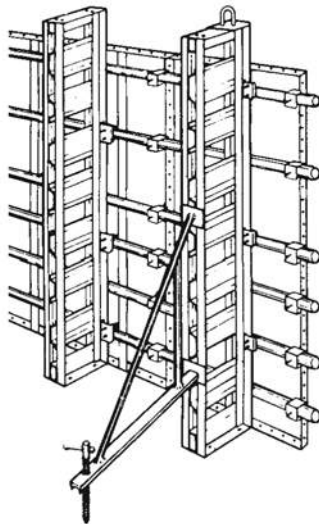
Form soldier gangform assembly

uni-span

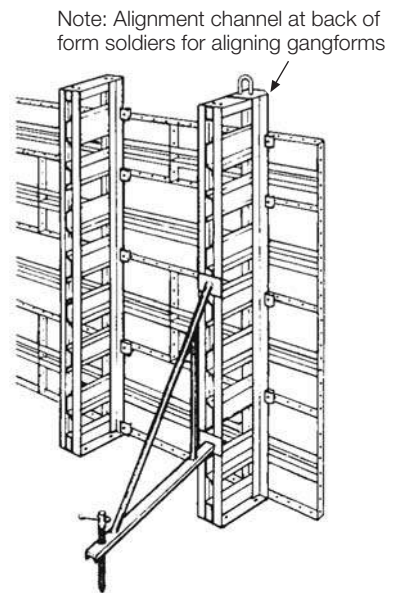
GANGFORMS



An assembled gangform shutter with economy panels. Vertically assembled. Horizontal 100 x 50 channel walers are "C" clamped to the panels and fastened to the form soldiers with channel waler clamps.



An assembled gangform shutter with economy panels. Vertically assembled. Standard scaffold tube is "B" clamped to the panels and fastened to the form soldiers with tube waler clamps.



Panels are assembled horizontally and fastened to the form soldier with form panel clamps. Top and bottom aligning channels are used on the form soldier to give strength to the form.



PUSH-PULL PROP

The push-pull prop has a double collar, which enables the walls and columns to be accurately plumbed. Used on walls and column boxes for speedy erection and ease of alignment.

Description	Size (mm)	Mass (kg)
No 1	1 676 - 3 124	19.6
No 2	1 981 - 3 352	20.5
No 3	2 590 - 3 962	22.7
No 4	3 200 - 4 876	26.9
Prop Swivel Foot Assembly		1.5

Wall system

FLEXFORM PANELS

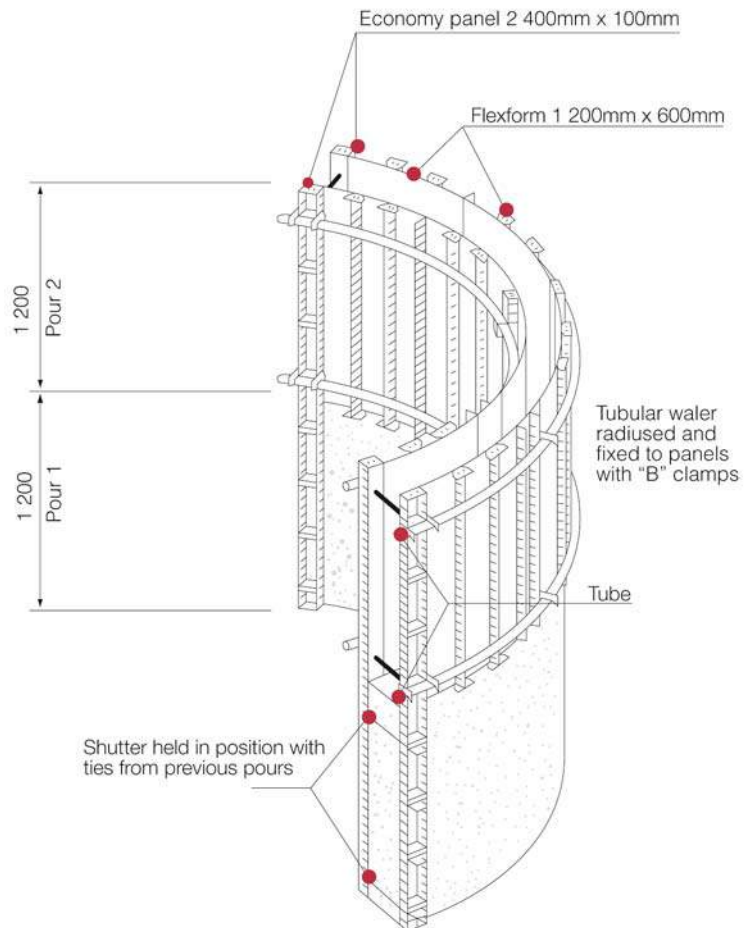
Flexform panels are used for the construction of curved walls with a radius of between 3 and 20 metres.

The tube is radiused to the required diameter and then the flexform panel is fastened to the tube to create the circular shutter required.

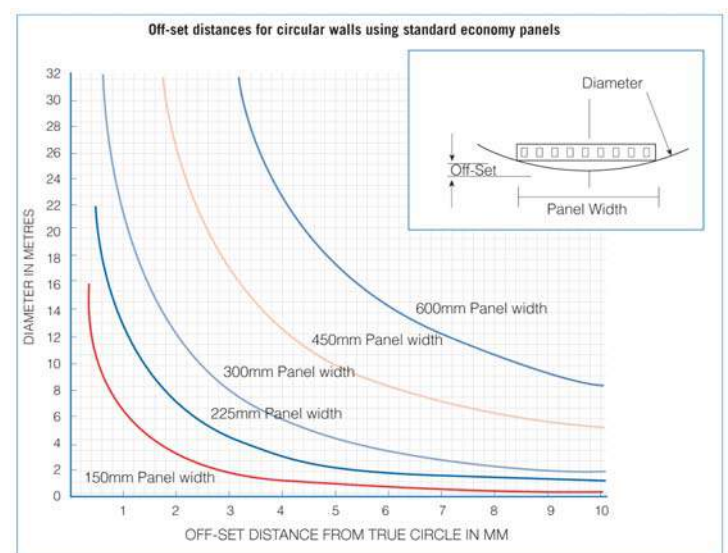
Filler panels are used on the external shutter to accommodate the difference in the outside circumference.

The panel has a 2mm steel face plate and is attached to the radiused tube with "B" clamps.

Size (mm)	Mass (kg)
1 500 x 600	26.5
1 500 x 450	22.7
1 200 x 600	21.7
1 200 x 450	15.7
900 x 600	16.0
900 x 450	11.9



Typical section of a climbing wall shutter

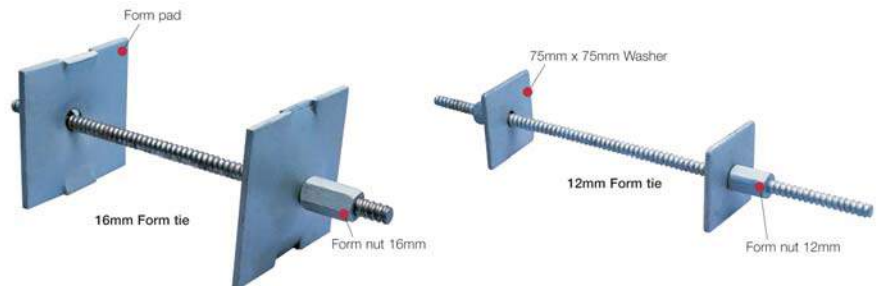


STANDARD WALL TIE ASSEMBLY

All items are recoverable after casting, except for the plastic tube.

Diameter (mm)	kg/m	Load kN
20	2.5	120
16	1.6	84
12	0.8	40

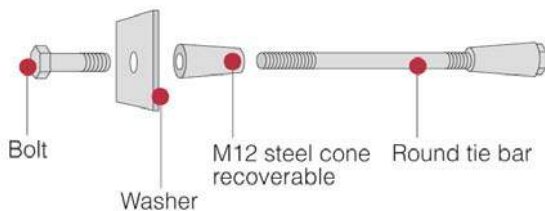
Factor of safety 1.9



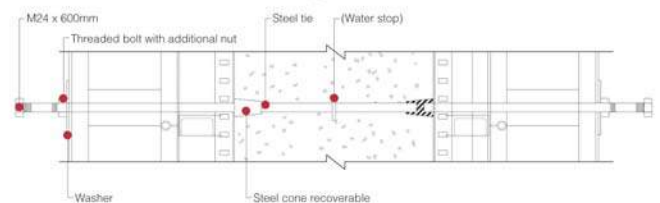
ROUND BAR TIE

Positive stop-in cone gives accurate wall size.

Round bar ties are similar to crimp ties except that the bars are made of 12, 20 or 24mm mild steel bars. (Also available as water ties).

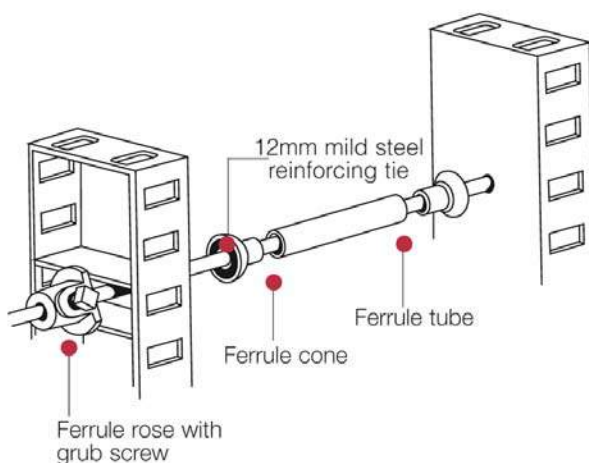


WATER BAR TIE



FERRULE TIE SYSTEM

All components fully recoverable except for the ferrule tube.



FERRULE TIGHTENER JACK

To tension rods prior to tightening the ferrule grub screw.

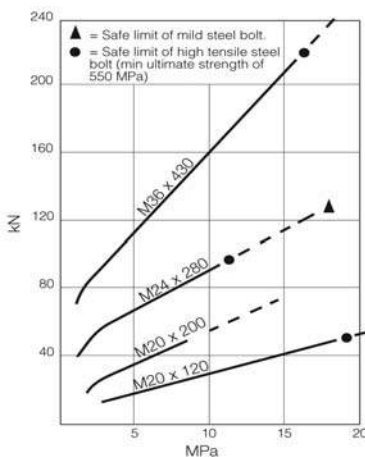


Wall system

ANCHOR SCREWS

Recoverable anchor screws are used for fixing brackets and formwork to concrete.

Size (mm)	Load at 5MPa kN	Tie load kN	Concrete MPa	Mass (kg)	Outside diameter (mm)	Maximum depth of thread (mm)
M36 x 430	110	215	16	1.6	58	64
M24 x 280	60	95	12	1.1	39	50
M20 x 200	30	50	10	0.9	39	38
M20 x 120	10	50	19	0.6	39	38



Anchor screw bolted onto standard economy panel.

Safe loading capacities are based on a load factor of 1.5:1 on ultimate pull-out values.

CAUTION:

Although graph is based on actual tests, it is given as a general guide only. Where warranted a greater safety factor should be used.



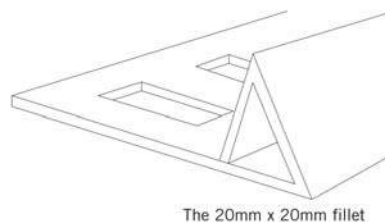
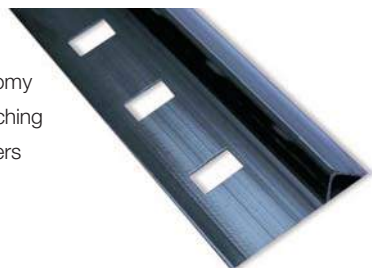
EXTRACTOR TOOL

The anchor screws are cast in and are easily removed using an extractor tool.

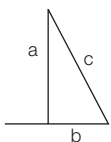


PLASTIC CORNER FILLET

50mm lip of plastic corner with slots to attach to economy panels with wedge sets, and wedge assemblies for attaching to columns. When dismantling formwork, plastic corners come off automatically and are ready for re-use.



a(mm)	b (mm)	c (mm)
10	10	14
15	15	17
18	18	25
20	20	28
25	25	35



PLASTIC SHUTTER BUTTON

Used for closing ferrule tie holes in steel or timber shutters. Available for different size holes. Inexpensive and robust.



GROUTEX

A self-adhesive polyurethane foam sealing strip which prevents grout loss through joints in formwork.



PLASTIC FERRULE TUBING

Plastic tubing replaces more expensive materials. Used to facilitate recovery of thru ties. Supplied in up to 3m lengths.

PUSH-ON PLASTIC CONE

To be attached to each end of ferrule tubing. Can easily be extracted from a concrete structure for re-use. The push-on cone forms a chamfered recess in concrete structures for ease of subsequent grouting. This prevents grout penetrating into ferrule tubing during casting of concrete.



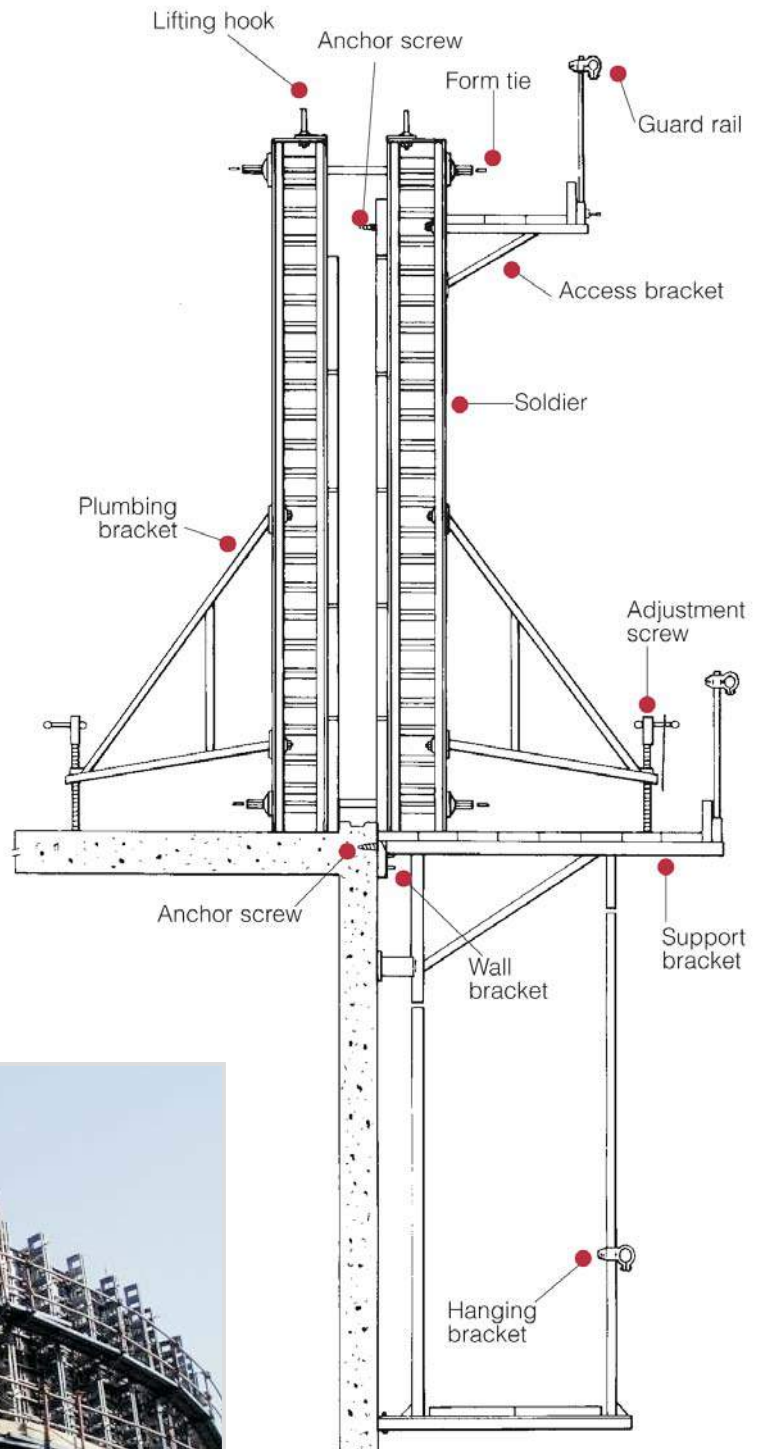
CLIMBING SYSTEM

Uni-Span's gangform climbing system is crane handled and fixed to the concrete with anchor screws. The plumbing bracket has an adjustment screw which is used for vertical alignment. The hanging bracket provides a safe working platform for grouting and removal of lower anchors.

Access brackets provide for a three board working platform 685mm wide. The access bracket can be attached to the form soldier at the required position.

Plumbing Bracket

The plumbing bracket has two attachment points 1200mm apart to bolt the bracket vertically to the form soldier. An adjustment screw which extends 900mm from the form soldier is used for vertical alignment.

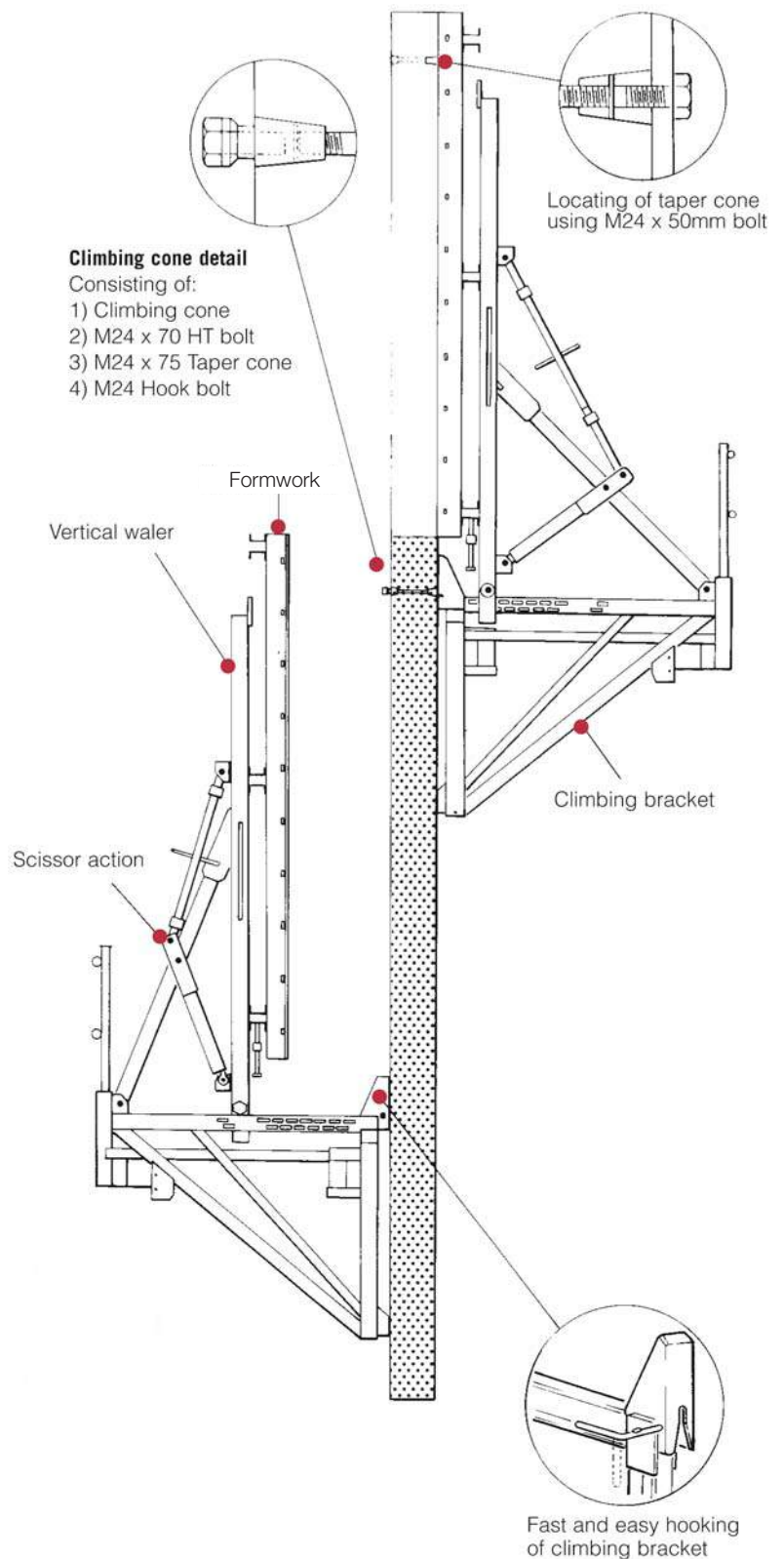


Wall system

CLIMBING SYSTEM

This climbing system is crane handled and is easily plumbed and aligned. A minimum amount of crane time is required to simply lift the shutter and hook it onto the climbing cone which was cast into the concrete on the previous pour.

The scissor action allows the formwork to be rolled back to enable the panels to be cleaned and oiled in position without having to lower the shutter to the ground or the floor below.



uni-span

Uni-Span's all-steel kwikstrip decking system is fast to erect, easy to handle and has only six basic components.



THE SYSTEM

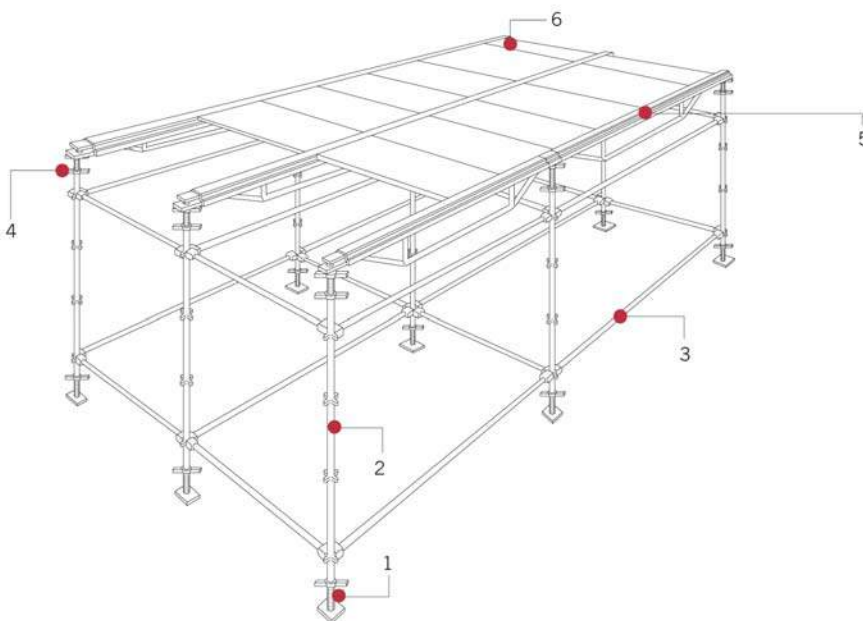
The complete modular system enables easy erection and stripping.

After three days the panels can be stripped leaving the support work, i.e. jacks, standards and ledgers, in place until the concrete has cured.

The components can be packed into pallets to allow for easy transportation.

The system consists of 6 basic components:

- 1 Base Jack
- 2 Standard
- 3 Ledger
- 4 Double-headed jack
- 5 Kwikstrip beam
- 6 Deck panel



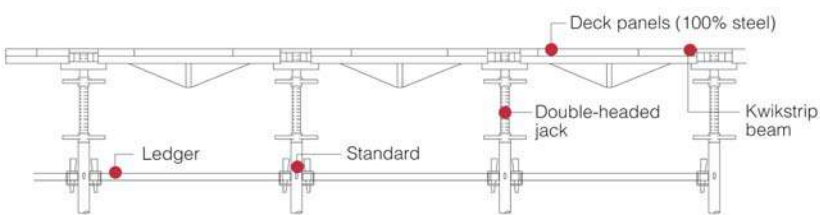
Slab system

KWIKSTRIP SYSTEM

This system allows the slab formwork to be stripped only three days after concrete has been poured. The double-headed jack allows the support work to remain in place thereby avoiding re-propping.

PHASE 1

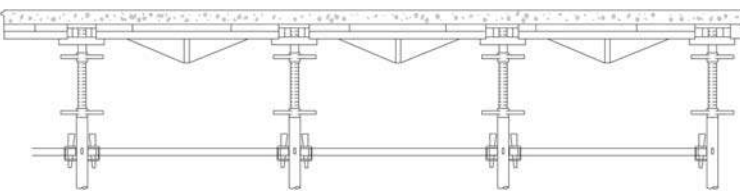
Complete slab and support system erected.



PHASE 2

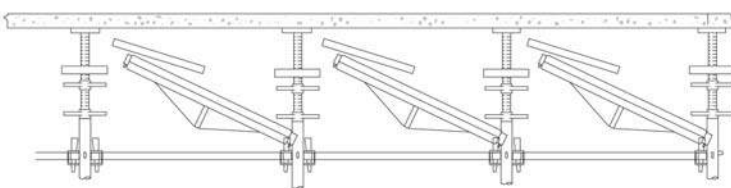
Reinforcing steel placed and concrete poured.

One day after concreting the second set of support can be erected on the floor above.



PHASE 3

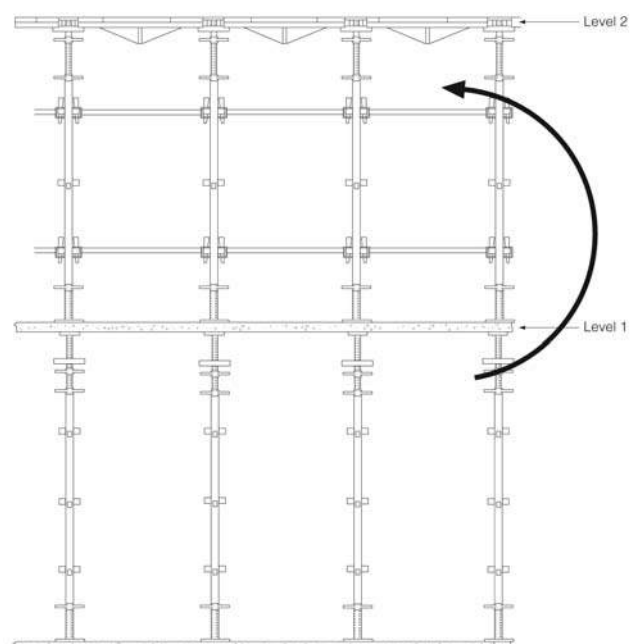
After three days deck panels and kwikstrip beams are stripped without removing the support (A double set of support is supplied).



Features of the kwikstrip system

- Maximum utilisation of the equipment
- Eliminates any deflections of the slab
- No re-propping required
- Can be used with coffers and troughs.

After stripping level 1 the panels and kwikstrip beams can immediately be placed on the second set of support previously erected on level 2.



uni-span



DOUBLE-HEADED JACK

The top collar can be wound down to release the beams and panels only three days after pouring of concrete.

Tube 38mm diameter x 4mm

Thread 610 R/O

Mass 7.7kg

LEDGER

The ledger has a captive wedge assembly which locates into the lug on the standard.

High Tensile Tube 48 mm diameter	
Length (mm)	Mass (kg)
2 500	7.9
2 000	6.4
1 500	5.0
1 295	4.4
1 219	4.2
900	3.2
600	2.4

BASE JACK

Tube 38mm diameter x 4mm

Thread 610 R/O

Mass 4.3kg

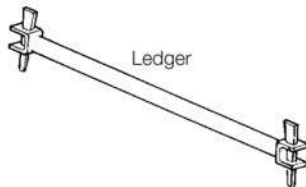
Double-headed jack



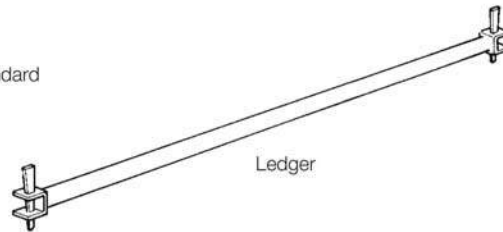
Standard



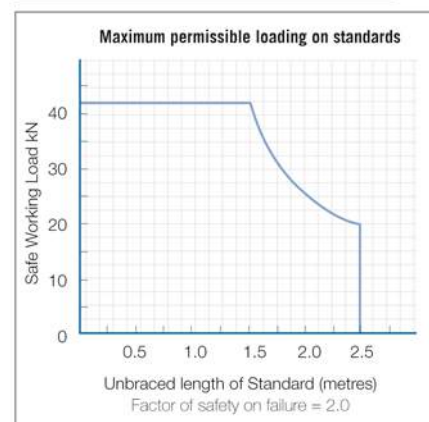
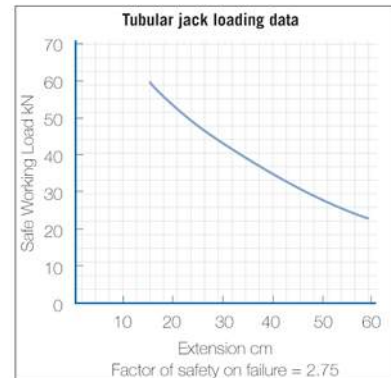
Ledger



Ledger



Base Jack



STANDARD

The standards have staggered lugs at 500mm centres to enable ledgers to be attached where required. Each standard takes a load of four tons with ledgers placed in 4 directions at a maximum of 1.5m centres and can be joined by a connector.

High Tensile Tube 48 mm diameter	
Length (mm)	Mass (kg)
4 000	20.5
3 500	17.9
3 000	14.8
2 500	12.3
2 000	9.8
1 500	7.4
1 000	4.9
500	2.5

NOTE: Maximum safe sheer load on each "V" pressing is 10kN.

Slab system

CANTILEVER BRACKET

The cantilever bracket is used to extend the slab formwork in areas where there is no support from below. It can be used to support a beam or channel. Typical applications are for slab extensions and access work.



Cantilever Bracket

Length (mm)	Mass (kg)
900	9.8
532	7.3

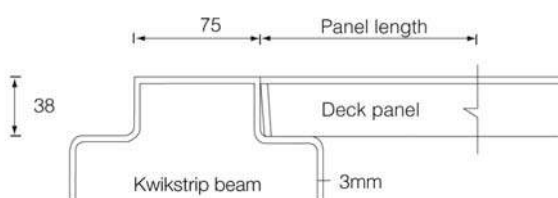
KWIKSTRIP BEAM

Heavy duty kwikstrip beams are manufactured from 3mm plate. They support the deck panels which can be removed with the beams after three days and placed on an extra set of support in the next area to be concreted.



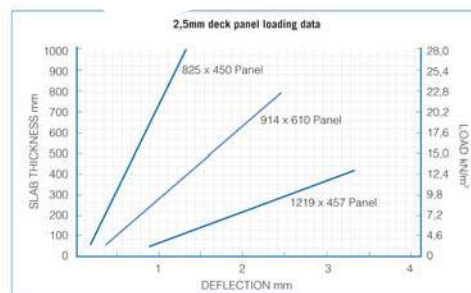
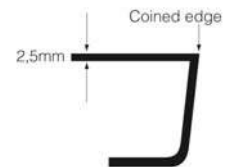
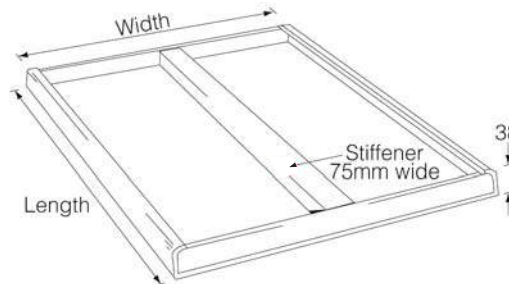
Coined H/D Kwikstrip Beam

Length (mm)	Mass (kg)	Load kN
2 500	27.5	42
2 000	22.6	42
1 500	15.1	37
1 000	8.9	26
900	7.9	29



DECK PANEL

The deck panel is manufactured from 2.5 or 3mm plate. The edges are coined to ensure that the panels butt up to each other resulting in a perfect concrete finish on the underneath of the slab.



Loadings are based on 2.5mm face plate and a 2.5mm folded channel stiffener.

Coined Deck Panel

Size (mm)	Mass (kg)
1 219 x 457	18.3
1 219 x 305	10.3
1 219 x 229	8.2
1 219 x 152	6.2
914 x 610	17.3
914 x 457	14.1
914 x 305	7.8
914 x 229	6.3
914 x 152	4.7
825 x 450	12.3
825 x 300	7.2
825 x 200	4.4
825 x 100	3.4
1 425 x 450 (double stiffener)	21.7
1 425 x 300	14.5

DECK FILLER

Deck fillers facilitate 'make-up' sections by sliding over the adjacent deck panels.





Base Jack 610 R/O

Mass 4.3kg

38mm x 4mm tube
The base jack is used to accommodate variations in ground levels. Adjustments of 610 or 457 are available.



'J' Head Jack 610 R/O

Mass 4.9kg

38mm x 4mm tube
The 'J' head can take a 9" x 3" timber bearer or a 100mm x 50mm steel channel.



'U' Head Jack 610 R/O

Mass 5.1kg

38mm x 4mm tube
The 'U' head can take twin timber or a double 100mm x 50mm steel channel.



Double Headed Jack 610 R/O

Mass 8.0kg

Double headed jacks are inserted into the top of a standard to secure the kwikstrip beam into position.



Swivel Jack

Mass 8.6kg

38mm Solid bar stem.
The swivel jack provides stability on uneven surfaces with 180° rotation for extra flexibility.



'J' Head Spigot

Mass 1.5kg

150mm x 75mm x 6mm
Can take 9" x 3" timber bearer or a 100mm x 50mm steel channel.
Used to carry single timber bearers. The spigot fits into the head of the prop.



'U' Head Spigot

Mass 1.8kg

200mm x 150mm x 8mm
Can take twin timber or a double 100mm x 50mm steel channel.
Used to carry two single timber bearers or box floor centres. The spigot fits into the head of the prop.

Accessories



DH Coupler

Mass 1.1kg

Used to attach a standard tube to a standard at 90°.



Band and Plate

Mass 2.9kg

Connects two tubes at right angles.



Swivel Coupler 50 x 50mm

Mass 1.4kg

The coupler has a swivel joint to allow the tube to be connected at the required angle.



90° Coupler 50 x 50mm

Mass 1.3kg

Clamps scaffold tube at 90° angle.



Channel

Mass 11kg/m

100mm x 50mm channel. Used mainly as straight walers on wall shutters and also as bearers on soffit panels. Radiused channel also available.



Light Duty Connector

Mass 0.4kg

38mm x 2mm wall thickness Joins vertical standards together.



Base Plate

Mass 1.2kg

The spigot fits into the standard and is used when the standard is erected on a level surface bed.



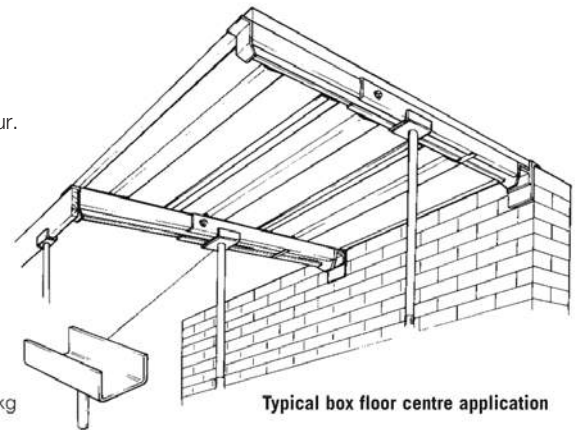
Scaffold Tube

Mass 3.7kg/m

Tube is high tensile 48.4mm x 3.35mm. Can be supplied in pre-determined lengths either straight or radiused.

BOX FLOOR CENTRES

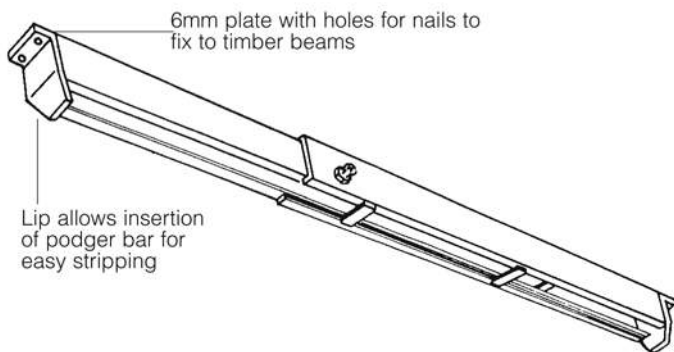
- Fully adjustable to accommodate any span within their range.
- Quickly erected, providing the contractor with a substantial saving in time and labour.
- Retract to facilitate easy transportation and storage.
- Light, compact and easy to handle
- Have no loose parts.



Prop spigot 1.8kg

Typical box floor centre application

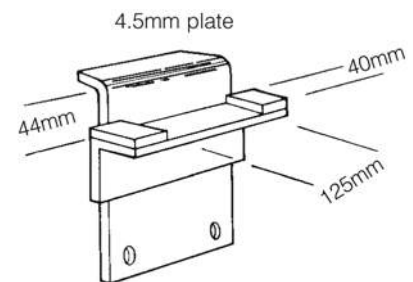
BOX FLOOR CENTRE



Size	Length (mm)	Mass (kg)
No. 1	1 219 - 2 286	16.5
No. 2	1 829 - 3 353	23.1
No. 3	2 439 - 4 724	31.2

BOX FLOOR CENTRE HANGER BRACKET

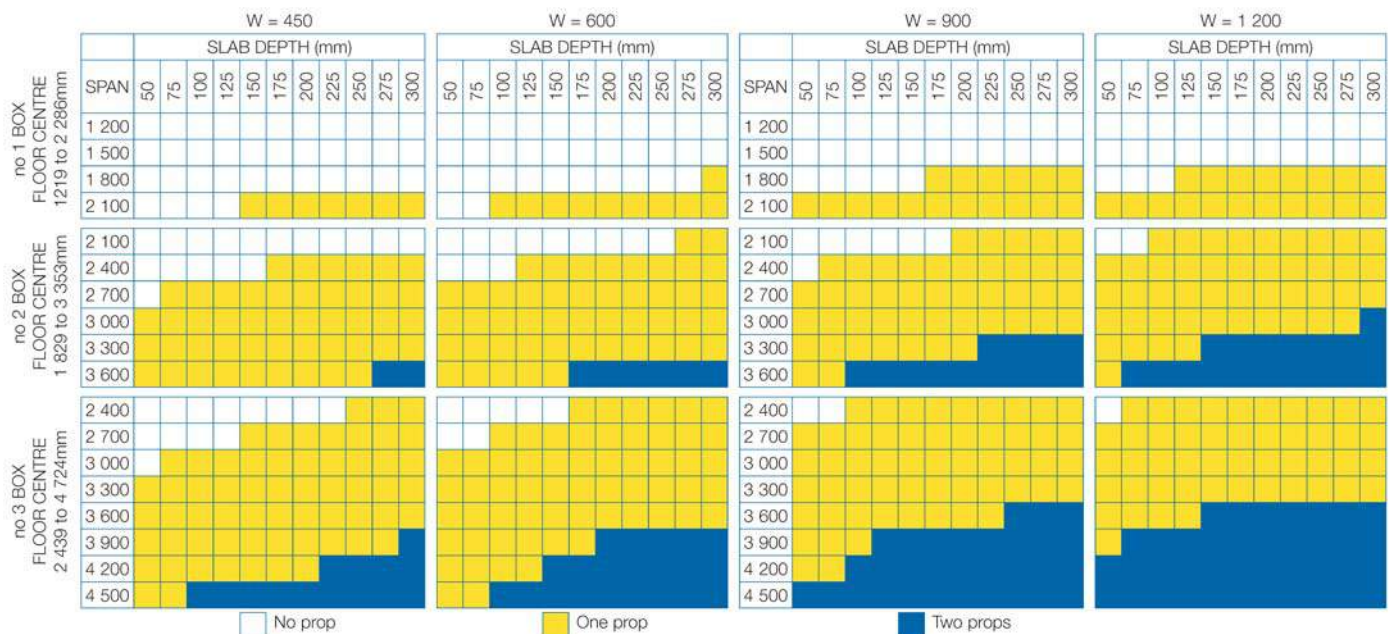
Eliminates shoring by using the walls to support the box floor centre.



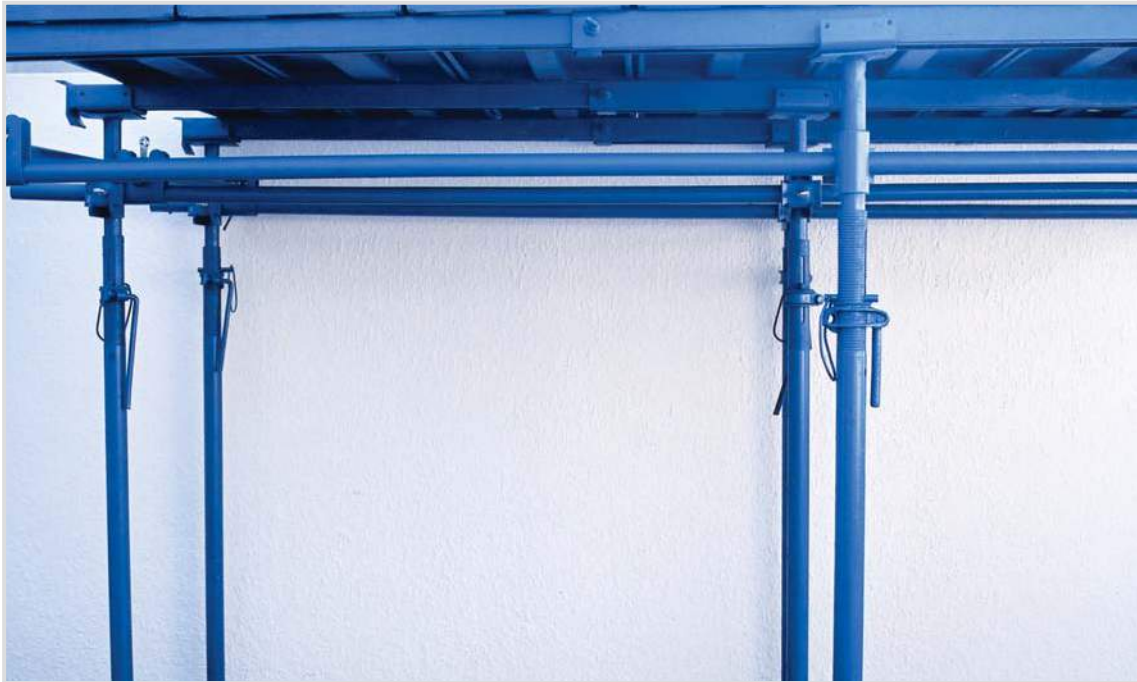
Hanger bracket 1.7kg

PERMISSIBLE SPANS FOR VARIOUS SLABS AND SPACING – BOX FLOOR CENTRES

Based on slab mass of 23.56kN/m³ and superimposed load of 2.0kN/m³



Props



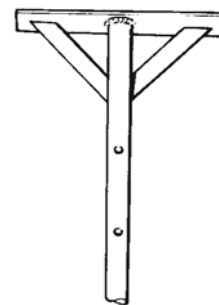
STANDARD PROP - 10kN

The versatile standard prop is available in four sizes which provide a range of propping heights from 1.676m to 4.876m. Props are multi-functional and can be used to back- prop both beams and slabs until the concrete has cured. They are also widely used to support box floor centres on which decking plates are placed to form light slabs suitable for low cost housing developments. The box floor centres are adjustable to cater for different widths between walls. The three sizes of box floor centres allow for a minimum span of 1.219m up to a maximum of 4.724m.

Size	Length (mm)	Mass (kg)
No. 1	1 676 - 3 124	20.1
No. 2	1 981 - 3 352	21.0
No. 3	2 590 - 3 962	23.3
No. 4	3 200 - 4 876	27.4



BEAMHEAD PROP INNER



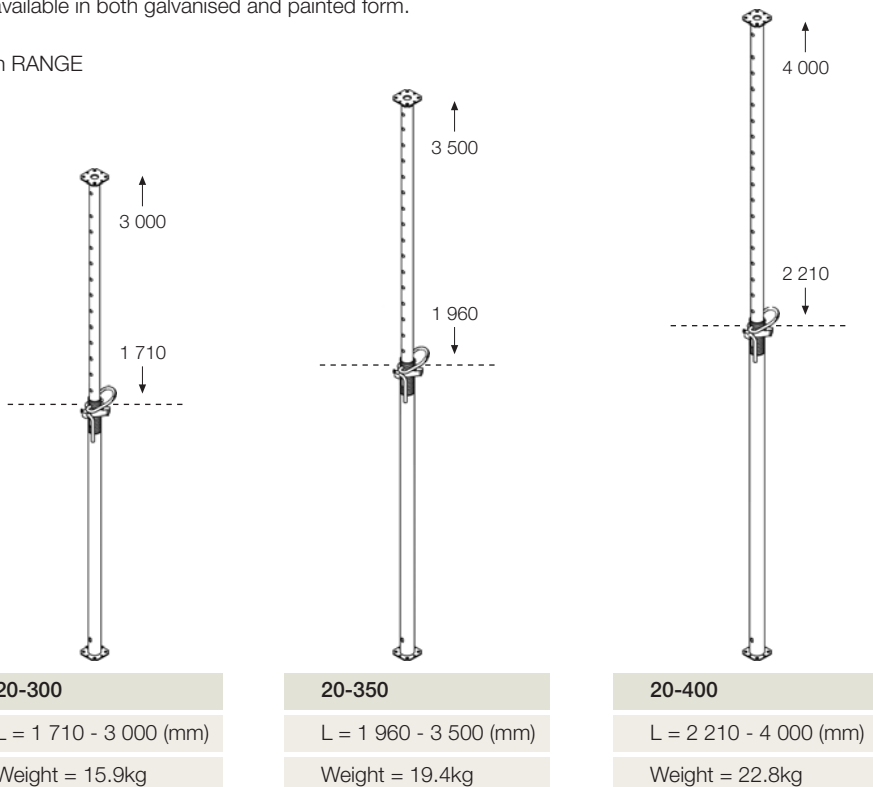
Allows for quick erection and stripping and ensures a perfect finish with 100% accuracy in the construction of the beam.

uni-span

HIGH LOAD CAPACITY 20Kn AND 30Kn PROPS

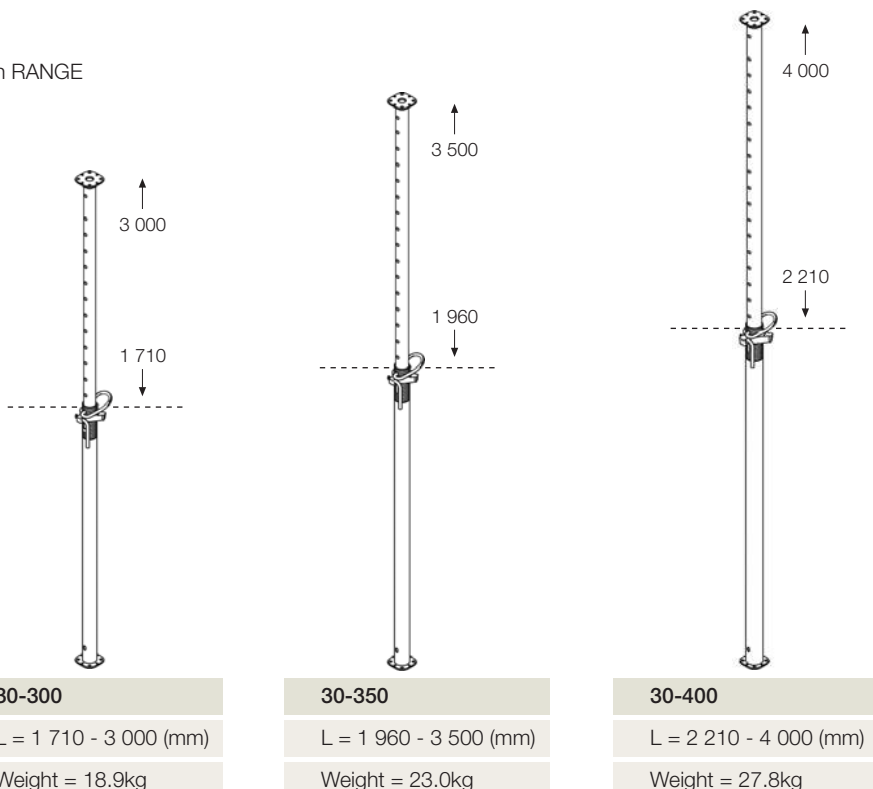
Props are made of steel tubing. The low weight combined with highload-bearing capacity makes these steel props very cost effective. They are used as support to a propping height of 4000mm. They are available in both galvanised and painted form.

20Kn RANGE



Loading Capacity: 20Kn The permissible prop load is 20Kn for all extension lengths

30Kn RANGE



Loading Capacity: 30Kn The permissible prop load is 30 Kn for all extension lengths



HD Props



Accessories



FORK HEAD SPIGOT
Is used to keep the main bearers centrally positioned over the props.



INTERMEDIATE PROP HEAD
Is used to locate the intermediate props in position along the length of a main bearer



uni-span

MAPUTO OFFICE

📍 Av. União Africana Parcela 730
- Maputo - Mozambique

☎ +258 21 72 2481/2 / +258 84 30
305 80

✉ unispan@unispan.co.mz

TETE (MOATIZE) BRANCH

📍 Bairro Chithatha - Zona
Industrial de Moatize

☎ +258 82 32 19 120 / +258 25 24
2004

✉ tete@unispan.co.mz

NACALA - PORTO BRANCH

📍 Bairro Muanona-cruzamento
de Nacala- a -Velha

☎ +258 26 91 2153 / +258 26 91
2155/ +258 84 30 30 550

✉ unispan@unispan.co.mz