

PROPPING & SHORING

Shisham Push/Pull Props

For almost 40 years, these props have been developed, improved and manufactured to meet every challenge faced in the concrete precast and tilt up industry in Australia and New Zealand. The design is square instead of round, because kilo for kilo, square is safer than round.

They're also better for handling and stackable. Every prop is individually certified and manufactured to the current rigorous AS3850-2015 standard. Multiple height adjustment options up to 14.5M.

Heavy duty swivel foot with detailed adjustment. Lifetime warranty. Galvanised. All genuine parts available. Great weight to kn ratio.

When a knee brace is fitted to the Jumbo and Supa Jumbo Props the kN increases. A fully extended, the Jumbo Prop will be 20kN and the Supa Jumbo becomes 12kN.



**Individually
Certified!**



Brand	Code	Description	Closed	1/2 Extended	Full	Test No.	Mass
Shisham	SHISTMIN	Mini Trench	1.0m 35kN	1.35m 35kN	1.7m 35kN	M175	20kg
Shisham	SHISSUPT	Supa Trench	1.55m 35kN	2.0m 35kN	2.5m 35kN	M174	24kg
Shisham	SHISMIN	Mini	2.4m 35kN	3.2m 35kN	4.1m 25kN	M165	36kg
Shisham	SHISMIN2	Mini 2	3.1m 35kN	4.0m 35kN	4.8m 21kN	M172	41kg
Shisham	SHISSMIN	Supa Mini	3.1m 35kN	3.8m 35kN	4.5m 30kN	M171	47kg
Shisham	SHISSTD3	Standard 3	4.4m 35kN	5.8m 20kN	7.0m 11.4kN	M170	61kg
Shisham	SHISSPE	Special	5.7m 25kN	7.5m 11.5kN	9.4m 5.5kN	M173	70kg
Shisham	SHISJUM	Jumbo	6.4m 35kN	9.0m 13kN	11.3m 6.0kN	M177	106kg
Shisham	SHISSJUM	Supa Jumbo	8.5m 25kN	11.5m 6kN	14.5m 6.0kN	M180	137kg
Shisham	SHISHERC	Hercules	6.5m 100kN	9.0m 75kN	11.0m 35kN	M167	260kg





Shisham Hercules 3 High Load Prop

Code SHISHERC

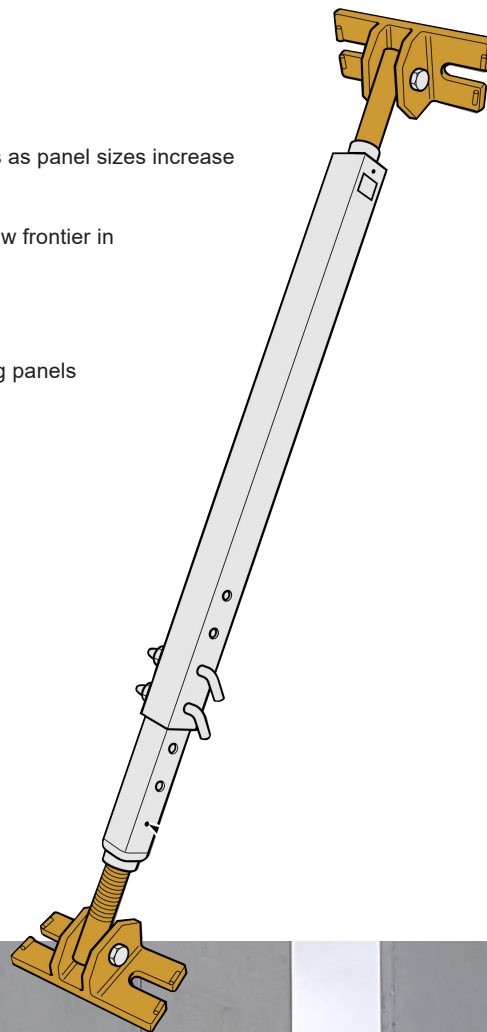
Advances in Tilt Slab construction techniques have brought new challenges as panel sizes increase and the resulting loads escalated.

Enter Hercules! A new range of push pull props from Shisham to suit the new frontier in high load applications.

No more wasted labour bolting soldiers together!

With Hercules 3 you have a more versatile and cost efficient way of erecting panels than ever before.

- 6.8m 100kN closed position
- 9.0m 75kN middle position
- 11.5m 35kN full extended position
- Test no. HT3
- 260kg



Galvanised Tilt Props

TSS Galvanised Props & Tilt Props

The traditional heavy duty builders prop ranging in size from 1.0m through to 4.8m extended, used traditionally in vertical and horizontal shoring and propping, Total Sites galvanised prop can also be modified to be used as a lightweight panel prop by fitting 2 swivel feet and another locking nut. Parts available.

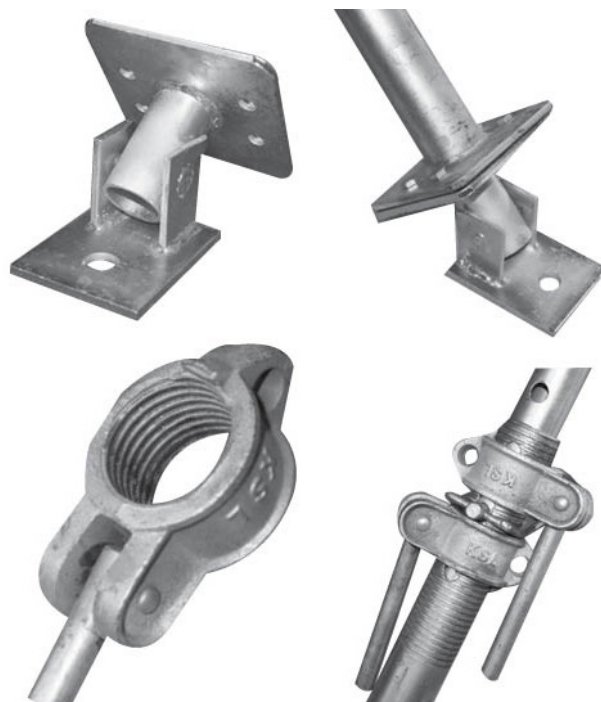
Brand	Code	Name	Closed		Open		Weight
Totalsite	PROP0	No. 0 TSS Prop	1.0m	134kN	1.7m	47kN	13.5kg
Totalsite	PROP1	No. 1 TSS Prop	1.6m	86kN	2.8m	42kN	18.0kg
Totalsite	PROP2	No. 2 TSS Prop	1.9m	92kN	3.3m	26kN	21.0kg
Totalsite	PROP3	No. 3 TSS Prop	2.5m	40kN	3.9m	8.5kN	23.5kg
Totalsite	PROP4	No. 4 TSS Prop	3.2m	33kN	4.8m	5.6kN	27.0kg
Totalsite	TPF	Tilt Foot					
Totalsite	DSSA-099	Prop Nut					
Totalsite	85H1025	Bolt & Nut					



PROPPING



"Erection of equipment maybe in progress" in photos depicted"



Shoring Towers

ST100 Towers

The ST100 tower has been designed for maximum flexibility and speed of assembly. The towers are light and easy to assemble. No tools required. The stacking frames are offset, it can only be erected in the right order. Diagonal braces clip in, no tools required.

Engineering

One of the strongest towers available with a single leg load up to 53kN and 214kN per tower
Max tower height of 22.29m

Features

Able to be built on the ground and lifted into position for large commercial and civil construction
Type Tested System, no need for static calculations. Refer to engineering height chart
Easy assemble means on-site labour can erect without need for contractors
Towers excellent for edge form support, scaffold platform can be built off the tower

Components

Only 3 frame components and 5 total mean no confusion on site.
Frames come in 500mm increments.
A square base frame makes levelling the tower quick and easy
Square base frame also allows easy set out of large projects
Steel I beam or Timber GT24 bearer available
TSS steel decks securely fasten to the frame to aid in safe assembly
Lockable frames for crane transport
Rossett design means scaffold can be used in conjunction with towers



DUO Formwork

The DUO system formwork is characterized by its low weight and extremely simple handling. Not only the material used is very innovative, but also the entire concept: with a minimal number of different system components, walls, columns and slabs can be easily and efficiently formed with only a minimal number of different system components. DUO is the optimal solution for small-sized components with lower surface requirements as well as for restoration work where no crane can be used.

Besides the panels including the formlining, most DUO accessories are made of the new innovative composite material with a polymer basis. This material is extremely light and, at the same time, has a high load-bearing capacity.

Universally applicable

High utilization rate of the components through flexible forming of walls, columns and slabs using only one system

Fast and easy to assemble

Fast working procedures thanks to simple formwork rules and uncomplicated application without the use of a hammer

Installation without the use of a crane

High productivity and crane-independence due to the low weight

- Heaviest components just 24.9kg
- Half the components of other systems
- Engineering and design service available
- Proprietary system, simply twist and lock together
- All related concrete machinery and tools available for hire
- All formwork and concrete consumables in stock



Lightweight



Lightweight Props

Chippy Stick Lightweight Prop

The Total Site 'Chippy Stick' is a lightweight prop specifically designed for temporary support in lightweight walls and formwork in the building and construction industry. Made from Duragal Steel, these props are corrosion resistant, trustworthy and easy to use. The swivel feet and height adjustment make them easy to position and fix into place.

Code	Closed	Full extended	Mass KG
CS29	2.93m 10kN	3.2m 8kN	14.8kg
CS36	3.63m 10kN	3.9m 8kN	17.6kg



Accessories

The Complete Package

After you receive your designs, we supply the props, shims, anchors, drill bits and burke bars to finish the install.

Shims

Shisham packers or shims are quality made and proven to withstand NZ construction standards. For many applications including tilt panel levelling.

Brand	Code	Description
Shisham	SHISSHIM1BAG	1mm Brown 100x150mm Bag of 250
Shisham	SHISSHIM2BAG	2mm Blue 100x150mm Bag of 200
Shisham	SHISSHIM3BAG	3mm Green 100x150mm Bag of 150
Shisham	SHISSHIM5BAG	5mm Yellow 100x150mm Bag of 100
Shisham	SHISSHIM10BAG	10mm Black 100x150mm Bag of 40
Shisham	SHISSHIM15BAG	15mm Grey 100x150mm Bag of 40
Shisham	SHISSHIM20BAG	20mm White 100x150mm Bag of 30



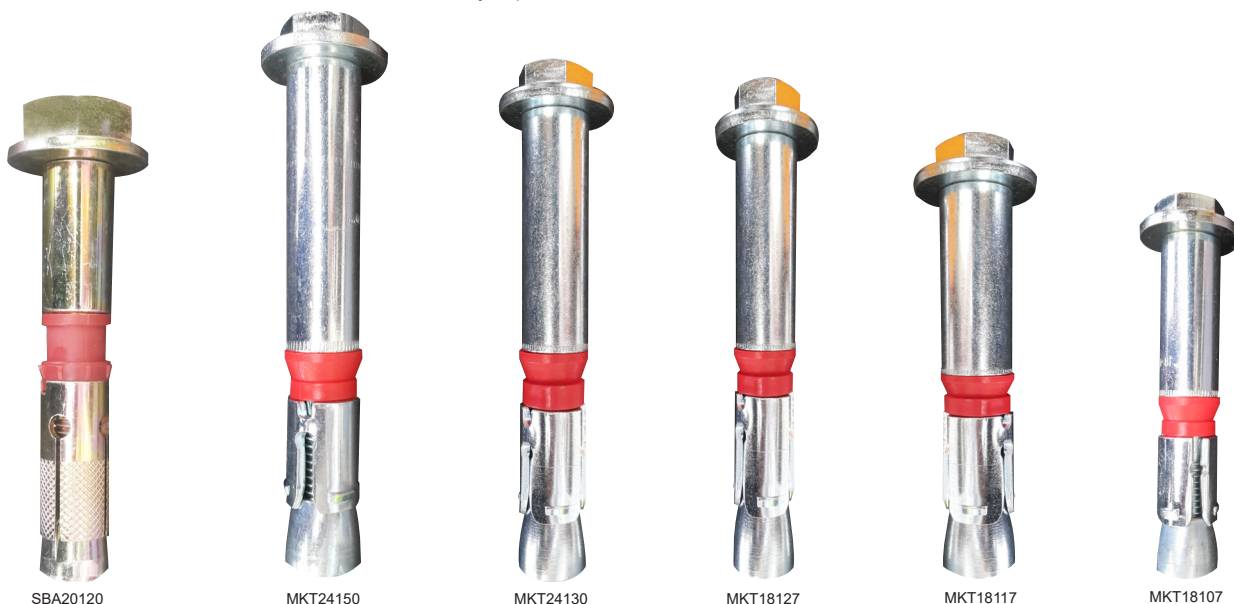
Prop Anchor Bolts

Code	MPA	Max Tensile Load kN	Max Shear Load kN	Torque Nm	Bolt	Bolt Length	Drill Hole Diameter
SBA20120	22	15.77	26.82	150	M14	120mm	20mm
MKT18107*	25-30	18.8	37.7	80	M12	107mm	18mm
MKT18117*	25-30	18.8	37.7	80	M12	117mm	18mm
MKT18127*	25-30	18.8	37.7	80	M12	127mm	18mm
MKT24130*	25-30	26.3	52.7	160	M16	130mm	24mm
MKT24150*	25-30	26.3	52.7	160	M16	150mm	24mm

* Seismic Rated C1+C2

Washers

20X50X50X6	M20 50mm x 50mm x 6mm H/Duty Square Washer - Galv
24X50X50X6	M24 50mm x 50mm x 6mm H/Duty Square Washer - Galv



SBA20120

MKT24150

MKT24130

MKT18127

MKT18117

MKT18107

Drill Bits

Code	Description
SDSPX12016	DART 12.0 x 160mm SDS+ Cross Tip Hammer Drill Bit
SDSPX12021	DART 12.0 x 210mm SDS+ Cross Tip Hammer Drill Bit
SDSPX12026	DART 12.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX12030	DART 12.0 x 300mm SDS+ Cross Tip Hammer Drill Bit
SDSPX12045	DART 12.0 x 450mm SDS+ Cross Tip Hammer Drill Bit
SDSPX14026	DART 14.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX16026	DART 16.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX18026	DART 18.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX20026	DART 20.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX22026	DART 22.0 x 260mm SDS+ Cross Tip Hammer Drill Bit
SDSPX24026	DART 24.0 x 260mm SDS+ Cross Tip Hammer Drill Bit

*Other sizes available



Shisham Burke Bar

Code TSSBURKEBAR

To aid in placing concrete panels.



Temporary Precast Support Bracket

Code TPSB

Angle brackets designed for panel to panel connections.



Prop Adjusting Spanner

Code SHISSPANNER

For easy adjustment of props.

