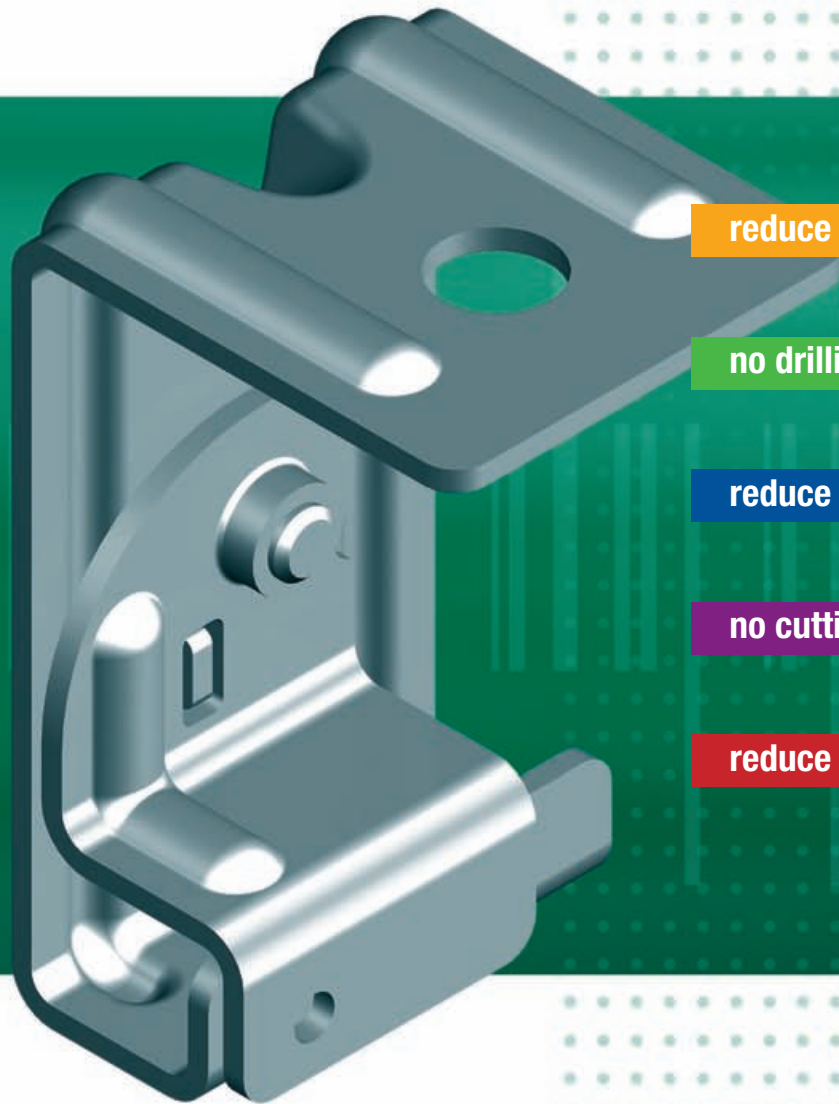




LTH Hanger



reduce material costs

no drilling

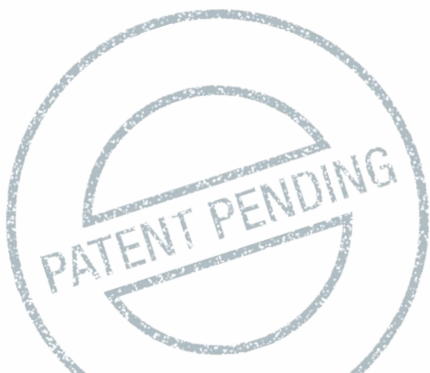
reduce labour costs

no cutting

reduce carbon emissions

LTH1 and LTH2

A simpler, cheaper and quicker system for hanging cabletrays
and laddertrays



The KingFix LTH Hanger

Traditional trapeze supports have just been rendered obsolete. The revolutionary new KingFix Hanger replaces traditional methods of trapeze supports with a simpler, cheaper and quicker to assemble system. No more cutting, drilling or on-site fabrication.

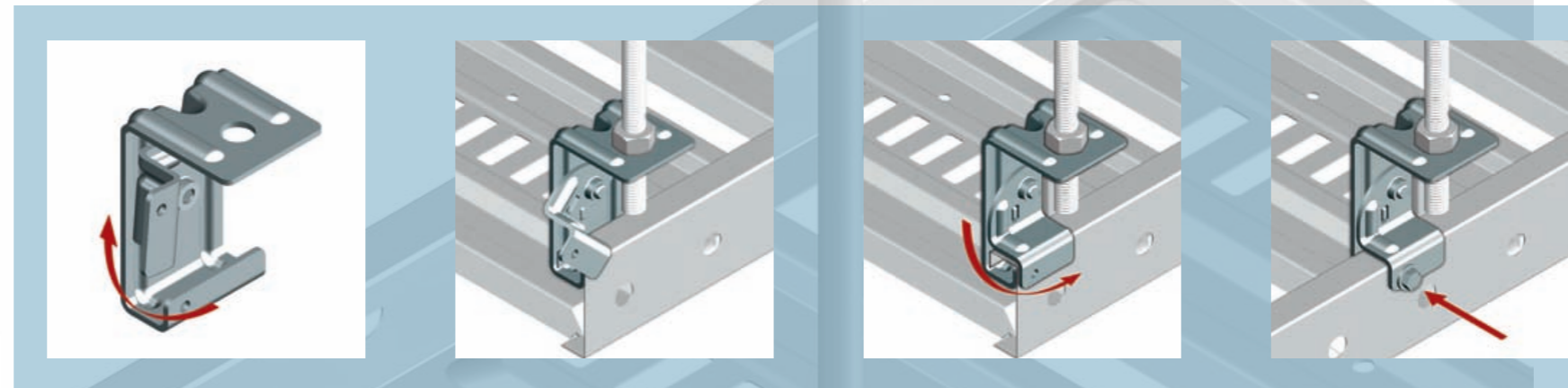
It's a simple, versatile and flexible system. Simply attach the hanger to the threaded rod dropper and clip the laddertray onto the KingFix Hanger. KingFix Hangers eliminate the need for struts/channels, hold down clamps, spring nuts and fixing screws. And most importantly, the KingFix Hanger does away with drilling and cutting.

Whatever system you may be using, KingFix Hangers will conform. KingFix Hangers have been engineered to be compatible with all types of Laddertray.

Reduce Material and Labour Costs

Material and labour costs will always continue to rise and put pressure on margins. Replacing conventional trapeze support systems with KingFix Hangers is guaranteed to reduce both material and installation costs.

Attaching a KingFix Hanger to a laddertray or cable ladder is simple, easy and quick.



1. Rotate the retaining tab into the open (horizontal) position.

2. Hook on the laddertray or cabletray.

3. Rotate the tab back into the closed (vertical) position.

4. Insert and tighten the locking screw.

What savings can be expected by using KingFix Hangers?

The following calculation sets out the typical costs for a 300 wide laddertray / trapeze system using a 1000 series channel. It does not however include any additional labour cost which may be necessary to realign the laddertray prior to installation of the Hold Down Units.

	Item	Quantity	Unit	Cost	Total
conventional	1000 series channel	.45	metre	\$3.60	\$3.60
	Cut Channel	1	minute	\$0.83	\$0.83
	Drill Channel	2	minute	\$0.83	\$1.67
	Hold down brackets	2	each	\$0.60	\$1.20
	Channel nuts	2	each	\$0.50	\$1.00
	Hold down screws	2	each	\$0.12	\$0.24
	Total				\$8.54
KingFix	LTH1	2	each	\$2.10	\$4.20
	Savings				\$4.34

Environment - reduce your carbon footprint

We believe that building a sustainable economy is achieved by protecting our scarce resources and doing things more efficiently and in an environmentally and socially responsible manner.

Driven by this goal, we at KingFix have developed a product which performs the same task as traditional trapeze support systems only more simply and less expensively. We have done so whilst using considerably less fossil fuels and by reducing waste.

Research suggests that approximately 1.9 tonnes of CO² emissions are created for every tonne of steel produced. On that basis, by using KingFix hangers to replace a typical 300 laddertray trapeze assembly, emissions can be reduced by up to 85%; that's a saving of over 1 kilogram of CO² emissions for every single support installed. Of course, the savings increase for wider trapeze widths. By changing to KingFix Hangers, you can not only reduce your labour and material costs but you will be making a significant impact on CO² reduction.

Load Carrying Capacity

The load carrying capacity of both the LTH1 and LTH2 Hangers is 60 kg per hanger or 120 kg for a pair.

Independently tested by a NATA certified laboratory, Kingfix hanger brackets have been rated to withstand the stated static load with a safety factor of 1.5. Kingfix does not warrant the actual performance of Laddertrays or Cable Ladders provided by third parties.

LTH Hanger

LTH1 (to suit Burndy LT3 and EzyStrut ET3)

LTH2 (to suit EzyStrut Ezytray and Unistrut Supatray)

Nema Installation Guidelines

Nema (National Electrical Manufacturers Association) has long been recognised as the leading authority in assessing the performance of cable support systems throughout Australia. There are two elements to the standard. The first (VE1) addresses the structural and load carrying characteristics of the product, and the second, (VE2) addresses the installation procedures.

In following the guidelines as laid out in Nema VE2 and by exercising good installation practices during construction, the appearance of the resulting installation is

enhanced through the fact that the deflection between spans is minimised.

Whilst Kingfix Hanger brackets eliminate the use of traditional trapeze supports, the guidelines for positioning supports should still be followed. In essence, the support system will be optimised when the supports are located at the quarter point position of each span. It should be noted that placing supports at, or close to, the joints will result in increased deflections. (Refer to diagram below.)

For further information or assistance in planning your next installation, please contact our experts at Kingfix.

