



zwicky
TRACK TOOLS

A close-up photograph of a blue hydraulic track jack mounted on a rail track. The jack is connected to a hydraulic hose. A red warning label is visible on the side of the jack, which reads "WIDENING OF TRACKS" and "HEIGHT OF LOAD TRAFFIC". The background shows the rail track and gravel bed.



Hydraulic Track Jacks



Zwicky Hydraulic Track Jacks

Obstructionless models

Zwicky track jacks have been used by maintenance teams throughout the world for over 70 years, and have acquired a well-earned reputation for being the most durable and effective tool of its type on the market.

The 805BR Toe Jack heads up the range with a capacity of 8 tonnes whilst the 1054 Pan Jack is capable of 10 tonnes. Despite the Pan Jack's low closed height of 95mm, it boasts a 101mm lift, thanks to its telescopic hydraulic ram. Both jacks, like their 20 tonne F1527 big brother, are obstructionless.

The standard range is completed with the obstructionless Zwicky SB7417 Track Aligner,

a unique product design that is used for the aligning and slewing of track, points and crossings. All models are fitted with an overload safety valve.

Standard paint finish is hammered blue - alternative colour coding is available upon request. All models are available with either standard operating levers or insulated, which are specifically designed for third rail applications.

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Zwicky 8t Toe Jack (Type B) Model No. 805BR

The 805BR comes fitted with an overload safety valve and is tested to 25% over its rated capacity. The jack is obstructionless for rails of 42kg/m and over and can be placed under the rail without removal of ballast.

Safe Working Load	8t on head 5t on toe
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Closed Height	235mm head 95mm toe
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Toe to head	140mm
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Lifting stroke	90mm
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Weight of jack	18.5kg
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Zwicky 20t Toe Jack - (Type C) Model No. F1527

The F1527 has a capacity of 20 tonnes on the head and like the 805BR, it comes fitted with an overload safety valve and is tested to 25% over its rated capacity. The jack is designed for use on switches and crossings and is obstructionless for rails of 42kg/m and over.

Safe Working Load	20t on head 15t on toe
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Closed Height	343mm head 191mm toe
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Toe to head	152mm
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Lifting stroke	110mm
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Weight of jack	36kg
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Zwicky 10t Pan Jack - (Type D) Model No. F1054

The F1054 Pan Jack is placed under the rail without removal of ballast. And despite its impressively low height of just 95mm, the F1054 is capable of 101mm of lift thanks to its telescopic hydraulic ram.

Safe Working Load	10t
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Closed Height	95mm
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Toe to head	196mm
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Lifting stroke	101mm
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Weight of jack	16.5kg
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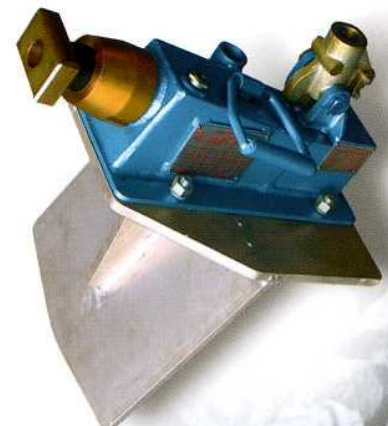
Zwicky 8t Track Aligner - (Type J) Model No. SB7417

The Zwicky Track Aligner is specifically designed for the aligning and slewing of track, points and crossings. The swivel head design of its hydraulic ram allows it to be positioned against the web of any rail as required, including flat bottom rails.

Safe Working Load	8t
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Stroke	152mm
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Weight of jack	24.2kg
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Operating Levers



Steel, zinc-plated. Weight 2.5kg



Insulated: fibre glass/steel. Weight 2.5kg

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...engineered to last

For further information on Zwicky Track Tools visit
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