



# BTC 180

## Boxed Truck Crawler 180 kN



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- Fully ballasted road truck
- Deployable crawlers for traversing soft ground
- Levelling system for uneven ground
- Pushing force of 180 kN
- Tracking operations by remote control

The BTC 180 is a ballasted and fully contained truck mounted CPT unit with a deployable set of crawlers, allowing it to test on sites that normal truck mounted units could not reach.

The BTC 180 carries forward Royal Eijkelpamp's next generation design and features from the iconic Boxed Crawler 100 into a fully ballasted and roadgoing system.

The BTC CPT rig truly offers the best of both worlds. This truck mounted unit is able to drive to your project site without the need for a delivery vehicle; not only reducing mobilisation costs but also allowing for maximum project flexibility.

However, unlike conventional truck mounted units, the BTC 180's deployable crawlers mean that it is able to traverse wet or boggy ground allowing it to test on sites that other trucks simply could not reach.

The fully ballasted rig is able to achieve high production rates thanks to its quick positioning between locations, efficient automatic levelling system and lack of a need to install any anchors. When in position, your operators work from a fully contained and well equipped cabin with an integrated 200 kN pusher, with hydraulic push/pull and catching clamps.



# Technical specifications \*

Machine	Specification
Type	Boxed Truck Crawler 180 kN
Machine Weight	17,600 kg
Length	8150 mm
Width	2500 mm
Height	4000 mm

Truck data	Specification
Truck	Mercedes Arocs 5, 1835 AK 4X4
Transmission	Automatic 12 speed with manual function
Engine	Mercedes-Benz OM 936
Power	260 kW / 354 HP
Emission	Euro VI
Dieseltank	370 L
Ad blue tank	60 L

Hydraulics	Specification
LS pump variable 135 cc pump	135 CC
Maximum pressure	290 Bar
Hydraulic tank capacity	300 L

Electronics / Software	Specification
Machine voltage	24 V
PLC	Parker IQAN

Tracks	Specification
Maximum hydraulic oil flow rate per track	100 L/min per side
Maximum hydraulic pressure	280 Bar
Machine track speed (2-speed)	1st: 2.5 km/h                      2nd: 4 km/h
Track width	600 mm

CPT	Specification
Pushing force	180 kN (limited to machine weight, adjustable)
Pulling force	250 kN
CPT stroke (maximum)	1250 mm
CPT Controls	Automatic with manual override
Tooling size	Ø 36 / Ø 56 mm
Tooling capacity	CPT tubes (36/44 mm) up to 60 m Casing (55 mm) up to 30 m

General information	Specification
Machine color	Customer specific
Ambient temperature range working condition / storage	0 - 40 °C // 0 (-15*) - 25 °C *when winter prepared

\* All specifications are subject to change



## Eijkelkamp Customer Service Agreement

Royal Eijkelkamp provides the possibility to add a tailor fit service contract to the extensive range of machines we offer. We call these the Eijkelkamp Customer Service Agreements. We have three types of Customer Service Agreements called Start, Pro and Royal. The Royal type is a service contract that can be tailor fit to the needs of the customer. All Eijkelkamp Customer Service Agreements will be delivered with the Eijkelkamp Service Assistant, this is an advanced track & trace system that is available for use by customer and driller on site via the mobile phone application and web browser.

For demos, pilot projects or personal advice,  
contact our sales department: [sales@eijkelkamp.com](mailto:sales@eijkelkamp.com)

For urgent service calls and/or technical information,  
contact our special service telephone: +31 313 800 967