

LEBOTEC

Piling- and Drilling-Rigs

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Drilling Rig LBT 35-20-B



Lebotec the right Piling and Drilling Rigs for a solid Foundation

Technical data LBT-3520-B

Type machine: Drilling rig for fabricating concrete screw piles.

Dimensions

Transport dimensions (L x B x H) : 22.415 x 3.450 x 3.606 mm
 Max. vertical drilling length : 20 meters

Leader

Main dimension leader : 600 x 500 mm
 Max. weight rotary head : 2.9 tons
 Max. torque : 8 tons (full length)
 Max. length leader : 22.25 m. (incl. foot, extensions and top)
 Leader stroke : 4 m. (vertical 1 above 4 m below ground level)

Max. degree hoisting forward in/out : 18 °

Undercarriage

Undercarriage length : 4.930 mm
 Width tracks : 850 mm
 Number of track rollers : 9 per track

Winches

Capacity main winch (pull up) : 20 tons over 4 parts
 Capacity pull down : 4 tons over 1 part optional: 8 op 2 parts
 Capacity auxiliary winch : 4 tons
 Capacity lift winch : 600 kg

Stabilizers slewing ring

Number stabilizers : 3 (2 behind 1 under leader)
 Slewing ring : 360 °

Rotary head

Max. torque : 80 kNm,
 Max. Rpm : 33

Powered by

Diesel engine : 147 kW (220 pk) by 1.900 rpm

Electric system

: 24 VDC

Weights

Weight rotary head : 2.2 tons
 Weight auger cleaner : 1.23 tons
 Ballast : 6 ton
 Total weight machine excl. Rotary head : 41.8 ton
 Total weight machine on site : 44 ton
 (Depending on configuration)

Any other versions on request.

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