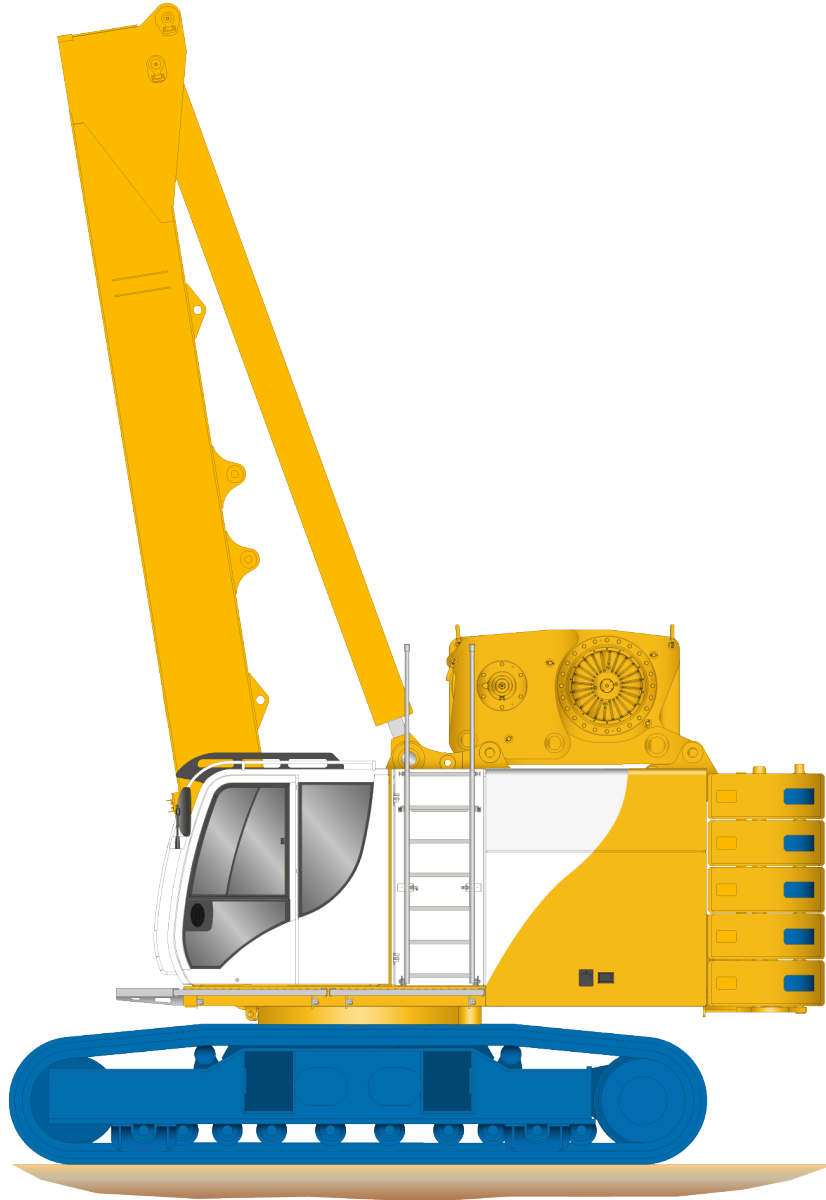


Instruction manual

GB 50 # 0323



Translation of the original instruction manual

V01_en_11.2017



2 Product description



2.4

Specifications

2.4.1

Equipment specification



The symbols used below mean:

"-" = not present

"●" = present

Complete equipment

Type		GB50
Serial number		0323
Inclination values Mast [°] (during operation without process equipment)	forwards	-
	back	-
Inclination values Mast [°] (during operation with process equipment)	See Stability	
Operating radius [mm]	See Stability	
Ground clearance Mast [mm]	See "Dimensions"	

Upper carriage

Type	BT70D
Counterweights [t]	See Stability
Compressor	-
Central lubrication system	-
Air conditioning system	●
Generator	-
Auxiliary heating system	●

Diesel engine

Type	C9 Acert
Output [kW] / at speed [rpm]	261 / 1800

Undercarriage

Type	UW95	
Working width [mm] (extended state)	4470	
Width of floor plates [mm]	800	
Middle bridge	H version	●
	Spar in spar	-
	Spar next to spar	-
Telescopable	●	

2 Product description



Attachment

Mastlength [mm]	See "Dimensions"
Characteristics: -	

Rope winches

Type	Main winch 1	Main winch 2
Tensile force 1st layer [kN]	230	230
(at increasing pressure)	(250)	(250)
Rope speed [m/min]	77	77
(with a load of [t])	(-)	(-)

Ropes



Further information can be found in the enclosed supplement, as well as in the corresponding instruction manual supplied with this equipment.

2 Product description



2.4.3 Noise emissions

The acoustic emissions have been determined according to directive 2000/14/EC.

Sound power level outside L_{WA} [dB(A)]	109.0
Sound pressure level in the cab L_{pA} [dB(A)]	80.0

2.4.4 Permissible ambient temperatures

NOTICE Risk of causing damage to components!

If operated outside the specified temperature ranges there is a risk of causing damage to the components.

- △ To operate outside the specified temperature ranges, a prior agreement with the manufacturer is required.

NOTICE Risk of causing damage to components!

During short interruptions and/or during longer periods where outside temperatures are -10 °C (14 °F) or less, liquid media used for product manufacture (water, suspension, for example) can freeze during operation. The supply lines for media carrying liquids can become blocked and damaged.

- △ Stop operation during longer periods where outside temperatures are -10 °C (14 °F) or less, or take suitable measures to prevent liquid media (water, suspension, for example) from freezing.
- △ At outside temperature below 0 °C (32 °F), the flow of liquid media in supply lines should be maintained (a stop of the flow should be avoided); if necessary thoroughly clean and empty supply lines, so they are free of foreign particles.

Operating conditions	Permissible temperature range
Normal operation with standard fittings	-20 °C (-4 °F) to $+40\text{ °C}$ ($+104\text{ °F}$)
Normal operation with cooling package	to -25 °C (-13 °F)
During storage	-40 °C (-40 °F) to $+40\text{ °C}$ ($+104\text{ °F}$)

2.4.5 Exhaust gas emissions

The limit values for exhaust gas emissions comply with the directives 97/68/EU and 2004/26/EU level III A and the EPA/CARB Tier III.



If the diesel engine meets the guidelines valid in the country where the equipment is operated, the operator is entitled to use this equipment.

If repairs or any kind of changes are carried out on this diesel engine, and if original components are not used, it is possible that the valid directives concerning emission limit values in the country where the equipment is operated are not met.

In this case the operator is obliged to contact Bauer and arrange for service measures. Following an inspection and once the emission limit values are adhered to, the equipment can be operated again.

2.4.6 Vibration acceleration

The trigger values for whole-body vibrations (0.5 m/s^2) are not exceeded.

The measurements correspond to the guideline ISO 2631-1.