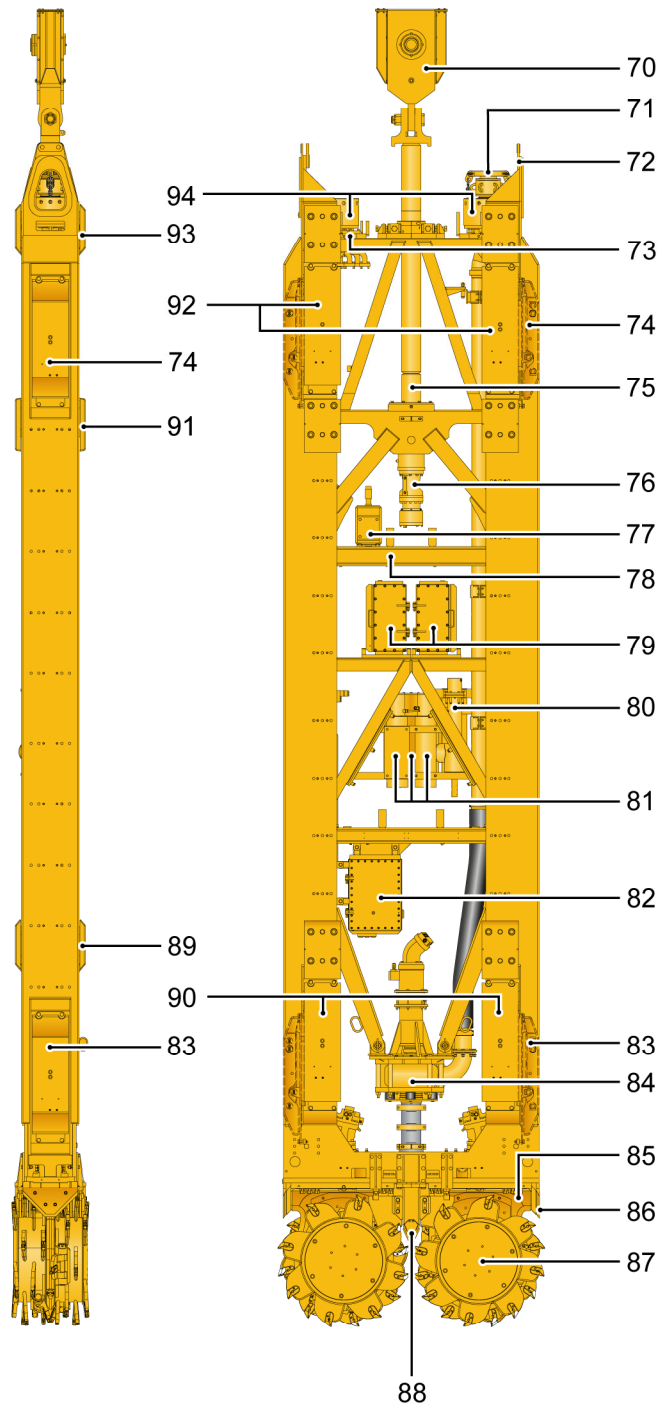


## 2 Product description



### Cutter BC 35

- 70 Pulley block
- 71 Mud pipe connection
- 72 Lifting points for recovery ropes
- 73 Connection plate
- 74 Upper steering flaps
- 75 Support
- 76 Rotation motor
- 77 Upper electrical box
- 78 Cutter frame
- 79 Hydraulic boxes
- 80 Pressure compensation for the mud pump
- 81 Pressure compensation for the cutter gear
- 82 Lower electrical box
- 83 Lower steering flaps
- 84 Mud pump
- 85 Gear shield
- 86 Post-cutting plates
- 87 Cutter wheels
- 88 Suction device with reamer plates
- 89 Lower cutter frame extension
- 90 Lower steering flaps
- 91 Central cutter frame extension
- 92 Upper steering flaps
- 93 Upper cutter frame extension
- 94 Lifting points for recovery ropes (optional)



Components	Function
Stop end removing aid (optional)	End stop for insertion of the scaling board in the trench.
Suction device	Sucks in the resulting cut material.
Reamer plates	Clean the areas between the cutter teeth.
Pressure compensation	Controls the gear oil pressure.
Electrical boxes	Contain the cutter electronics.
Mud pump	Conveys the resulting cut material through the mud hose to the surface.

## 6 Transport



### Cutter BC 35 (800 mm/2800 mm)

Cutter without cutter gear				
Dimensions [mm]:	Length	(l <sub>1</sub> )	11248	
	Width	(b <sub>1</sub> )	2800	
	Height	(h <sub>1</sub> )	800	
	Height	(h <sub>1</sub> + x)	1300	
Weight [t]: (total)				25.6
Quantity [pcs.]:				1

Cutter with cutter gear				
Dimensions [mm]:	Length	(l <sub>2</sub> )	12761	
	Width	(b <sub>2</sub> )	2800	
	Height	(h <sub>2</sub> )	800	
	Height	(h <sub>2</sub> + x)	1300	
Weight [t]: (total)				33.5
Quantity [pcs.]:				1

Component (not illustrated)	Weight [t]
Cutter gear BC 35 (per piece)	4.30
Cutter wheels (4 pieces) with cutter teeth	3.10
Damper	0.86
Cutter wheel cover (4 pieces)	0.84
Suction device	0.85

### 6.3 Loading - lifting

#### **NOTICE** Risk of causing damage to the equipment or the components!

Incorrect attachment of the lifting device and lifting gear can result in damage to the equipment and/or components.

- Δ Only use suitable lifting gear with adequate load-bearing capacity.
- Δ Only attach the lifting device to the lifting points provided for that purpose.



In the case of components without special devices for the lifting points, the individual lifting positions can be derived from the relevant documentation.