



The GEAX DTC60R is a version of the standard DTC50 specially designed for railways use. The second boom of the base wheeled excavator supports the mast. This allows a wide range of mast positioning and independent adjustment of the vertical position of the mast. Wire rope position is not dependent on the position of the mast as the winch is mounted on the mast itself. This design ensures the following:

- Excellent rigidity and lightness
- More precise movements
- Fast setup time
- Wide range of tool positioning
- Simpler maintenance
- Better visibility for the operator

These innovative features translate into exceptional versatility, production, manoeuvrability, reliability, safety and ease of use.

Base Hitachi	Zaxis 145W	
Engine	type	Isuzu AI-4JJ1X
Engine power	Kw (hp)	121 (90.2)
Undercarriage	type	wheeled
Hydraulic system		
Main pumps	l/min	135+180
Auxiliary pumps	l/min	2x30.2
Hydraulic pressure	bar	320
Rotary		
Nominal torque	kNm	57
Drilling speed (3)	rpm	10÷60
Rotary stroke	mm	1200
Winches		
Main winch line pull	kN	65
Main winch rope diameter	mm	16
Crowd system		
Pull down force	kN	50
Extraction force	kN	60
Excavation		
Max pile diameter w foot	mm	1000
Max pile diameter w/o foot	mm	1200
Max pile depth	m	6
Max pile depth with additional counterweight	m	12
Hydraulic backing foot		
Stroke	mm	900
Transport		
Length (A)	mm	6800
Width	mm	2480
Height	mm	3990
Weight	t	18.5