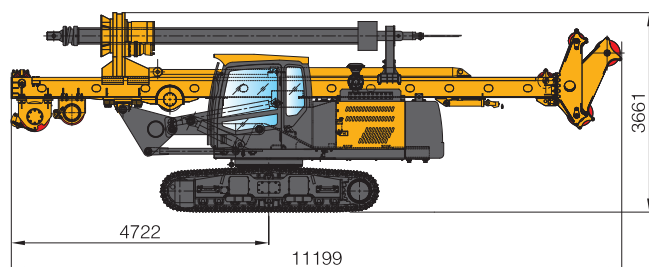


Parameter		Unit	Data
Max. drilling diameter		mm	φ 1200
Max. drilling depth		m	24
Engine	Model	/	CUMMINS QSB4.5
	Rated power	kW	115
Rotary drive	Rated output torque	kN · m	80
	Rotation speed	r/min	9–42
Crowd cylinder	Max. crowd force	kN	100
	Max. lifting force	kN	100
	Max. lifting stroke	m	3
Crowd winch	Max. crowd force	kN	100
	Max. lifting force	kN	100
	Max. lifting stroke	m	7.5
Main winch	Max. lifting force	kN	80
	Max. winch speed	m/min	76
	Wire rope diameter	mm	φ 20
Auxiliary winch	Max. lifting force	kN	50
	Max. winch speed	m/min	60
	Wire rope diameter	mm	φ 16
Drill mast inclination	Lateral/forward	°	± 5/5/15
Chassis	Max. traveling speed	km/h	2.5
	Max. climbability	%	35
	Track shoe width	mm	600
	Track length	mm	4020
	Track outer width	mm	2500–3400
Hydraulic system	Working pressure	MPa	34
Working weight		t	29
Dimension	Work condition	mm	6490 × 3400 × 12496
	Transport condition	mm	11199 × 2500 × 3661

Kelly bar configuration	Weight of Kelly bar (t)	Drilling depth (m)	Remarks
JS299-4 × 7	2.7	24	Standard
JS299-4 × 6	2.4	20	Optional
JS299-4 × 5.5	2.2	18	



- Adopt Cummins electrically controlled turbocharged engine, with strong power, and the emission meets North American Tier 4 Final and EU stage V emission standards, and North American Tier 3 and EU stage III emission standards are optional configuration.
- Dedicated hydraulic retractable crawler chassis for rotary drilling rig and large-diameter slewing bearing both ensure stable operation and convenient transport.
- The hydraulic system adopts limit power control and negative flow control, which make the hydraulic system more efficient and more energy-saving.
- Standard central lubrication system, more convenient maintenance.
- Standard crowd cylinder, optional multiple functions like crowd winch, CFA, jet grouting, etc.
- The machine can be transported with the Kelly bar.

