

SWDM80S

Rotary Drilling Rig

Technical Parameters

■ Comprehensive Technical Parameters

Parameters		Model	SWDM80S
Drill hole	Max. drilling diameter	mm	1000
	Max. drilling depth	m	29
Engine	Brand		Cummins
	Model		QSF3.8-C125
	Power	kW/@rpm	93@2200
Rotary power head	Max.torque	kN.m	80
	Rotation speed	rpm	8~42
	High-speed throwing soil(optional)	rpm	70
Pressurization system	Max. applied pressure	kN	100
	Max.lifting force	kN	130
	Max.stroke	mm	3000
Main winch	Max.lifting force	kN	80
	Max.rope speed	m/min	72
Aux Winch	Max.lifting force	kN	30
	Max.rope speed	m/min	50
Drilling mast	Left and Right tilt	°	±3
	Forward tilt	°	5
Chassis	Crawler width	mm	600
	Crawler extension width	mm	2600
	Chassis length	mm	3765
Complete machine	Working height	mm	12640
	Working Weight	t	23

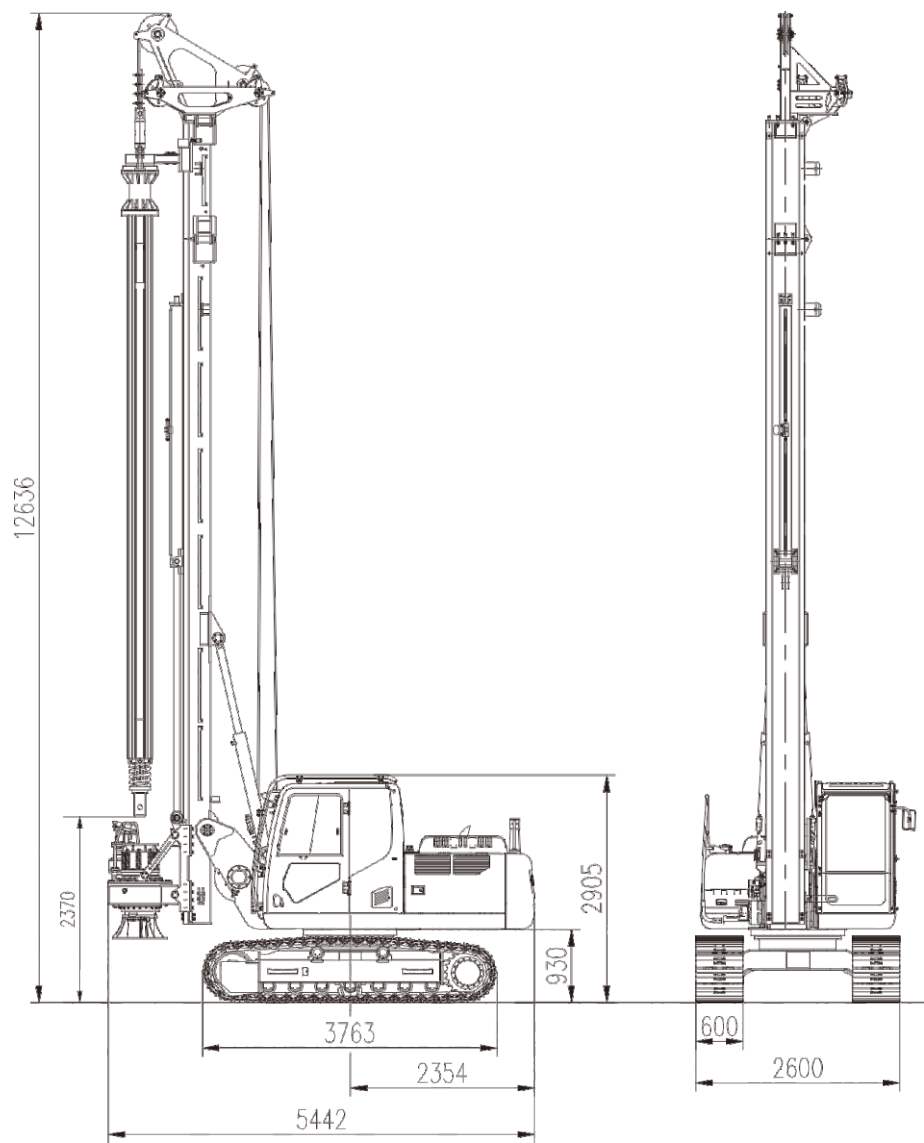
■ Kelly bar parameters

Model	Friction Kelly Bar	Hole depth (m)	Drill rod weight (kg)	Configuration	Model	Interlocking Kelly Bar	Hole depth (m)	Drill rod weight (kg)	Configuration
SWDM80S	MZ273-4x8m	29	2850	●	SWDM80S	JS273-3X8m	22	2500	○

● Standard ○ Optional

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Operation status



Transportation status

