

ACE SUNWARD SA 175

Rotary Drilling Rig

High Performance and Rugged
Piling Rigs for Hard and Rocky Terrains
Torque Range : 60 kN.m to 600 kN.m

- Robust and sturdy design
- Special chassis with Hydraulically extendable tracks
- Best in class torque of 170 kN.m
- Drilling depth of 44 mtrs.
(Interlocking)



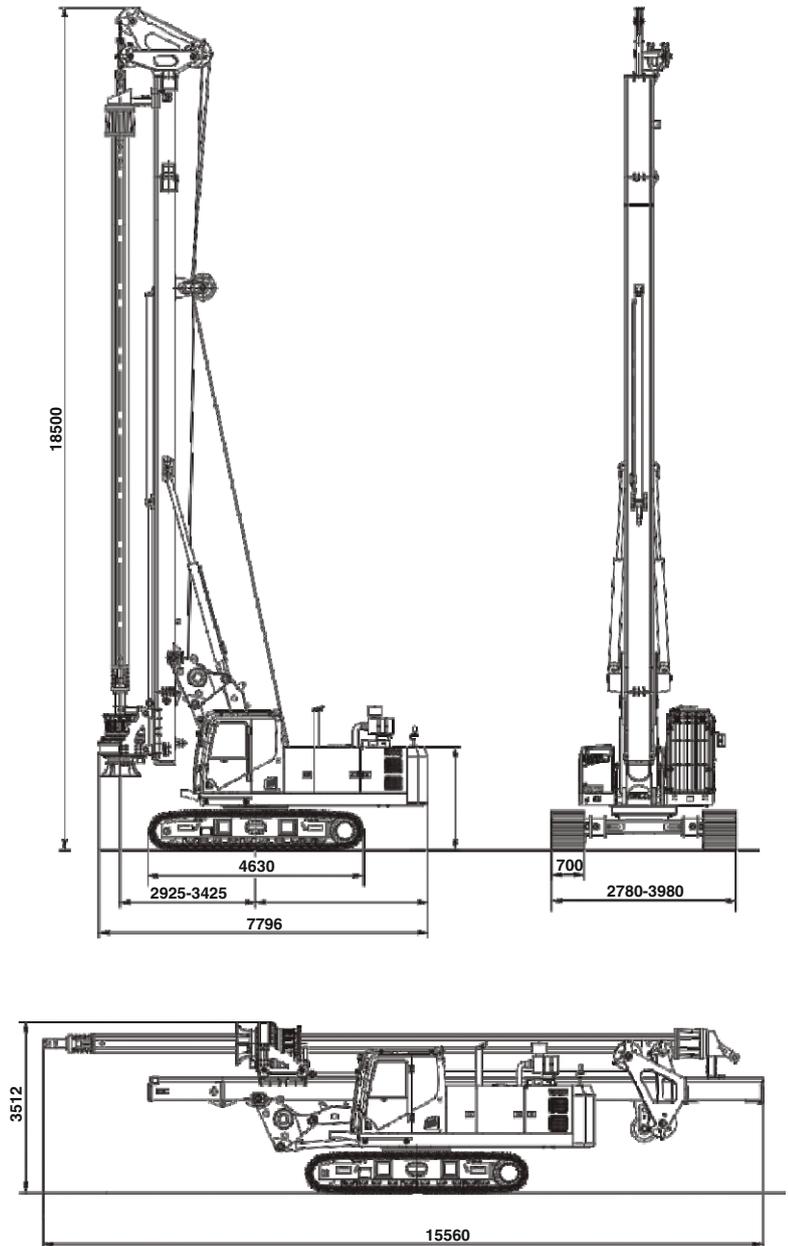
Technical Parameters

SA175

Crowd Cylinder

Parameters		Unit	SA 175
Max. drilling diameter		mm	1500
Max. drilling depth			
with interlocking kelly bar			44
with friction kelly bar		mm	56
Rotary Power Head	Max. torque	kN.m	170
	Rotation speed	rpm	6~32
	High-speed throwing soil (optional)	rpm	70
Engine	Brand		CUMMINS
	Model		QSB6.7-C260
	Power	kW/rpm	194/2200
Pressurized Systems	Max. applied pressure	kN	160
	Max. lifting force	kN	160
	Max. stroke	mm	4000
Main Winch	Max. lifting force	kN	160
	Max. rope speed	m/min	64
	Max. rope dia	mm	28
Aux Winch	Max. lifting force	kN	50
	Max. rope speed	m/min	45
	Max. rope dia	mm	16
Drill Mast	Left and Right tilt		±5
	Forward tilt		5
Overall height		m	18.5
Total weight		t	50.5
Chassis	Max. travel speed	km/h	1.5
	Max. grade ability		15
	Crawler width	mm	700
	Crawler extension width	mm	2780~3980
Chassis length		mm	4630

Working Dimensions



Kelly Parameters

Model	Friction Kelly Bar	Hole depth (m)	Drill pipe weight (kg)
SA175	JS377-5x12.1m	56	7200

Model	Interlocking Kelly Bar	Hole depth (m)	Drill pipe weight (kg)
SA175	JS377-4x12.1m	44	7200

MARKETING H.Q.

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ACE

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ACE reserves the right to alter any specifications without prior notice. Dimensions, weights & capacities mentioned herein are variable by ±5%. Accessories if shown are not part of the Standard Equipment.