

ACE SUNWARD SA 250

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 250 kN.m
- Drilling depth of 56 mtrs.
(Interlocking)

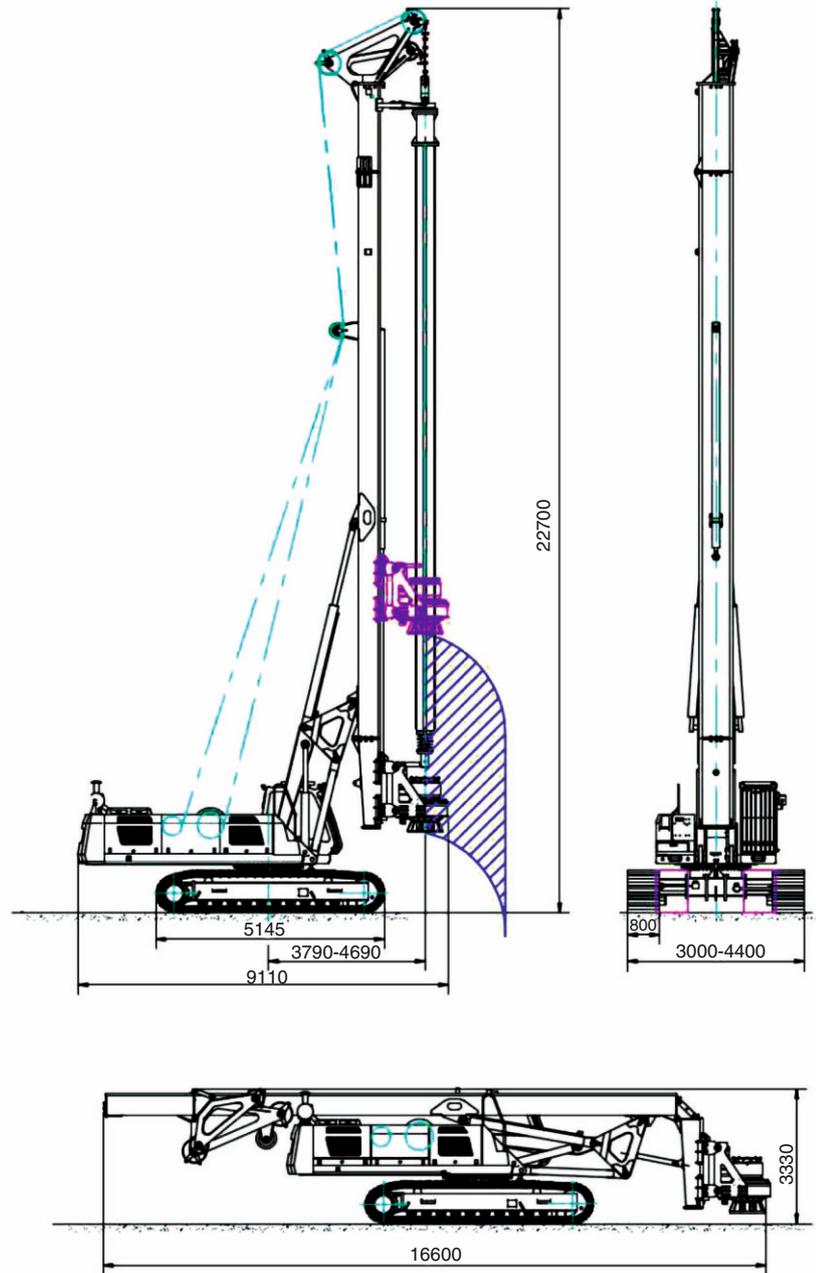
Technical Parameters

SA 250

Crowd Cylinder

Parameters		Unit	SA 250
Max. drilling diameter		mm	2000
Max. drilling depth			
with interlocking kelly bar			56
with friction kelly bar		mm	67
Rotary Power Head	Max. torque	kN.m	250
	Rotation speed	rpm	6~26
	High-speed throwing soil (optional)	rpm	70
Engine	Brand		CUMMINS
	Model		QSM-11-C400
	Power	kW/rpm	298/2100
Pressurized Systems	Max. applied pressure	kN	210
	Max. lifting force	kN	220
	Max. stroke	mm	5000
Main Winch	Max. lifting force	kN	280
	Max. rope speed	m/min	72
	Max. rope dia	mm	32
Aux Winch	Max. lifting force	kN	80
	Max. rope speed	m/min	55
	Max. rope dia	mm	20
Drill Mast	Left and Right tilt		±5
	Forward tilt		5
Overall height		m	22.7
Total weight		t	80
Chassis	Max. travel speed	km/h	1.63
	Max. grade ability		15
	Crawler width	mm	800
	Crawler extension width	mm	3000~4400
Chassis length		mm	5145

Working Dimensions



Kelly Parameters

Model	Friction Kelly Bar	Hole depth (m)	Drill pipe weight (kg)
SA250	JS440-5x15m	67	11900

Model	Interlocking Kelly Bar	Hole depth (m)	Drill pipe weight (kg)
SA250	JS440-4x15.5m	56	10700

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.