

PERFORMANCE PARAMETERS TABLE

Performance Parameters of SCC550E Crawler Crane			
Performance index		Unit	Parameter
Boom Operating Condition	Max. Rated Lifting Capacity	t	55
	Boom Length	m	13~52
	Boom Luffing Angle	°	30° ~80°
Fixed Jib Operating Condition	Max. Rated Lifting Torque	t·m	203.5
	Max. Length Boom + Max. Length Jib	m	43+15.25
Operating Speed	Angle between boom and jib	°	10° 、 30°
	Rope Speed of Main and Auxiliary Winches*	m/min	0~120 (third layer)
Engine	Rope Speed of Luffing Winches*	m/min	0-50 (fourth layer) or 72 (magnetic valve connected)
	Slewing Speed*	rpm	0~2
Transportation Parameter	Travelling Speed*	km/h	0~1.2
	Output Power/Rate Speed	kW/ rpm	154/2200
Other Parameter	Max. Transportation Weight of Single Piece (with chassis, boom base, without counterweight)	t	28.5 (including boom base, and undercarriage but not including counterweight)
	Average Ground Pressure	MPa	0.059
	Transportation Dimension(Length×Width×Height)	mm	7030×3360×3304

Note:

- 1.Considered the matching with the pump unit, engine output power / Max. speed is limited to 154KW/2200rpm.
- 2.the item with * means that rope speed of main / auxiliary winch, rope speed of luffing winch, slewing and traveling speeds will change with the load
3. the average ground pressure is only for reference and the actual ground pressure should be calculated based on the real working conditions.

TRANSPORTATION DIMENSIONS

Body (not including boom base)	×1
Length(L)	5.92m
Width(B)	3.36m
Height(H)	3.43m
Weight	27.5t
Body (including boom base)	×1
Length(L)	10.4m
Width(B)	3.36m
Height(H)	3.43m
Weight	28.5t
Body (including boom base and main machine counterweight)	×1
Length(L)	11.8m
Width(B)	3.36m
Height(H)	3.43m
Weight	46.5t
Counterweight Tray	×1
Length(L)	3.324m
Width(B)	1.36m
Height(H)	0.67m
Weight	6t
Right Counterweight Blocks	×2
Length(L)	1.647m
Width(B)	1.36m
Height(H)	0.72m
Weight	3t
Left Counterweight Blocks	×2
Length(L)	1.647m
Width(B)	1.36m
Height(H)	0.72m
Weight	3t
Boom Base	×1
Length(L)	6.65m
Width(B)	1.66m
Height(H)	1.40m
Weight	1.2t
Boom Tip	×1
Length(L)	6.88m
Width(B)	1.48m
Height(H)	1.40m
Weight	1.1t

