

PERFORMANCE PARAMETERS

Main technical parameters of SCC750E crawler crane			
Performance Index		Unit	Parameter
Standard Boom Operating Condition	Max. Rated Lifting Capacity	t	75
	Max. Lifting Torque	m	71t×4m
	Length of Basic Boom	m	12
	Longest Boom	m	57
Fixed Jib Operating Condition	Boom Luffing Angle	°	30° ~80°
	Max. Rated Lifting capacity	t	7
Speed parameters	Max. Rated Lifting Torque	m	6.7t×22m
	Boom Length	m	27~42
	Jib Length	m	9~18
Engine	Longest boom + Longest luffing jib	m	42+18
	Rope Speed of Main and Auxiliary Winches *	m/min	0~120(third layer)
	Rated single lifting rope pull	t	7
	Rope Speed of Luffing Winch*	m/min	0-57 (fourth layer) and up to 100 if magnetic valve connected
	Slewing Speed	rpm	0~3
Transportation Parameter	Traveling Speed*	Km/h	0~1.2
	Gradient capability	%	30
	Model		QSC8.3-C260
Transportation Parameter	Output power	kW	179
	Rated speed	rpm	2200
	Overall weight (Basic boom + 75t hook)	t	63
	Weight of counterweight	t	24
	Max. Transportation Weight of Single Piece (including boom base, but not including central and rear counterweights)	t	37.3
Transportation Parameter	Transportation Dimension mm (L×W×H) (including boom base, but not including rear counterweights)	mm	12300×3360×3300
	Average Ground Pressure	MPa	0.073

Notes:

1. 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.
2. 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 (without boom base)	×1
Length (L)	8.05m
Width (B)	3.36m
Height(H)	3.03m
Weight	35.8t
Body (not including central and rear counterweights)	×1
Length (L)	12.21m
Width (B)	3.36m
Height(H)	3.03m
Weight	37.3t
Track frame assemblies	×2
Length (L)	6.10m
Width (B)	1.12m
Height(H)	1.11m
Weight	6.90t
Counterweight tray	×1
Length (L)	3.324m
Width (B)	1.36m
Height (H)	0.67m
Weight	6.0t
Right Counterweight Blocks	×3
Length (L)	1.647m
Width (B)	1.36m
Height(H)	0.72m
Weight	3.0t
Left Counterweight Blocks	×3
Length (L)	1.647m
Width (B)	1.36m
Height(H)	0.72m
Weight	3.0t
Boom base	×1
Length (L)	6.22m
Width (B)	1.53m
Height(H)	1.79m
Weight	1.49t

