### **Features**

- Application of the world's first variable mid-point suspension cable substantially improves the boom stability and safety under operation with long boom;
- Foldable boom design lowers the center of gravity of the machine with long boom when traveling and thus improves safety and reduces transport cost;
- Transport width of 3m enables various road transportations and may reduce transport cost;
- Application of electric control system of the machine provides precise and efficient control.

# **Specifications**

Performance	Unit	Data
Max. rated lifting capacity	t	300
Max. rated lifting moment	t•m	1497.3
Base boom length	m	20
Max. boom length under short jib operating condition	m	86+7 (hook center 91m)
Luffing angle of boom	0	30 ~ 88
Offset angle of fixed jib	0	30
Rope speed (lifting/descending) of main/auxiliary winch	m/min	0 ~ 128
Slewing speed (with 20m boom)	rpm	0 ~ 1.19
Traveling speed	km/h	0 ~ 1.02
Max. gradeability	%	30
Engine output power/rated rotation speed	kW/rpm	298/2100
Overall weight	t	273 (full main boom, 80t hook)
Counterweight	t	80+24
Average ground bearing pressure	MPa	0.12 (base boom, non-load)



### **SANY Overseas**

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Materials and specifications are subject to change without further notice in accordance with constant technical innovations.

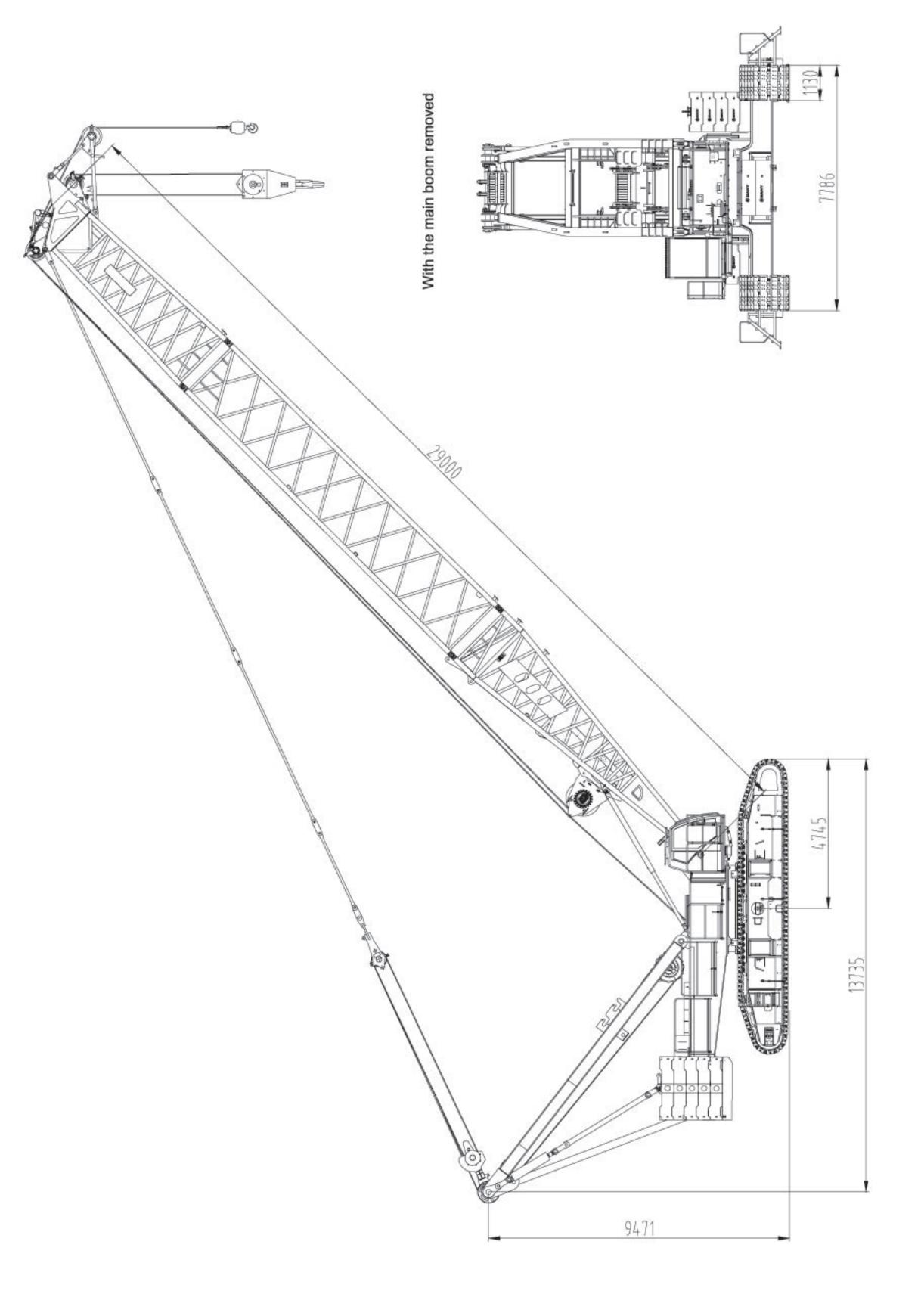
Photos may include additional equipment.

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# SCC3000WE Crawler Crane



## Dimension





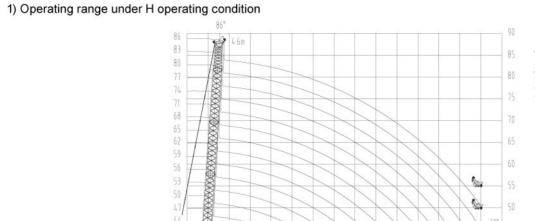
### Operating Condition Combinations of SCC3000WE

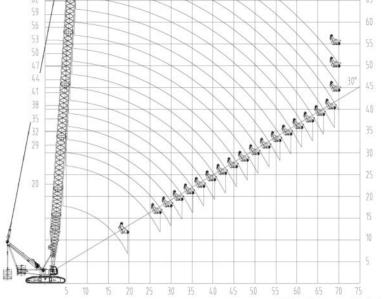
# 20m-86m 38m-86m

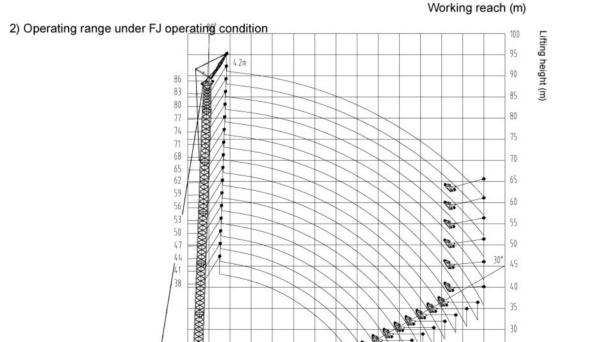
#### H operating condition Main boom: 20m ~ 86m

FJ operating condition Main boom: 38m ~ 86m Fixed jib: 7m

### Operating Range of SCC3000WE



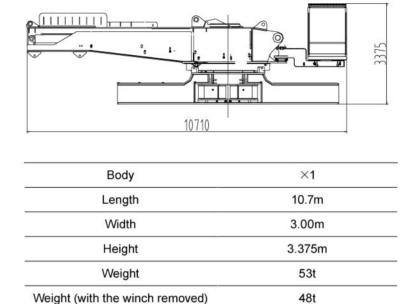


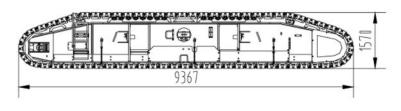


5 10 15 20 25 30 35 40 45 50 55 60 65 70 7

Working reach (m)

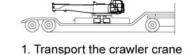
### Partial Transport Dimensions of SCC3000WE

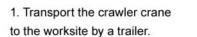




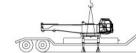
Crawler assembly	×2	
Length	9.37m	
Width	1.35m	
Height	1.57m	
Weight	26.3t	

### Schematic Diagram for boom sections assembly of SCC3000WE





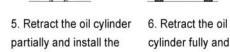


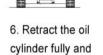


the oil cylinder to the ground.



4. Slew the superstructure by 90° to make the outrigger cylinder jack the basic machine, and then remove the trailer. left and right crawlers.

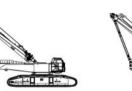




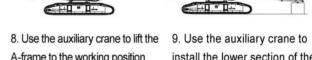
lower the crawlers.



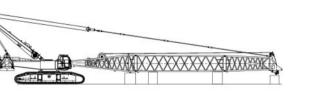
7. Use an auxiliary crane to lift the A-frame and install the connecting pin of front brace.



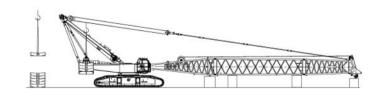
A-frame to the working position install the lower section of the and install the rear connecting pin. boom and other sections.



10. Use an auxiliary hook to connect the pulley block and the drawplate.



11. Connect the counterweight tray.



12. Install the counterweight.



13. Relocate the counterweight according to the gravity center and lift the boom.



14. Relocate the counterweight according to the gravity center and lift the boom with fixed jib.