

**SANY****SANY MARINE HEAVY INDUSTRY**

SDCE90K7E5

SANY Empty Container Handler

New E5 fully electric empty container handler The energy cost is 250,000

CNY(4000h) less than fuel ones per year

Due to the fluctuation of electricity price and oil prices and other factors, the relevant data may vary



1

Hydraulic system energy saving, potential energy/braking energy recovery, single box power consumption decreased by 15%, endurance up to 10h under medium and high load conditions.

2

The new generation control system can improve the response $\leq 400\text{ms}$, and the operating efficiency can reach 45 cases/hour under standard test conditions.

3

High voltage system security alarm system, insulation, leakage, overvoltage, overtemperature and other classification detection protection.

4

Line self-diagnosis point > Sixty; Remote troubleshooting is supported.

5

Efficient motor, optimized power matching, cycle test conditions, average efficiency up to 95%.

6

Eu standard product design, IFM control system, higher safety protection standards, with CE mark and EMC.

► Product Parameters

Technical Parameter		
ITEM	UNIT	SDCE90K7E5
Overall weight	t	41
Rated load	t	9
Stack layer	-	7
Max. Lifting speed (0/full load)	mm/s	600/550
Max. Lowering speed (0/full load)	mm/s	550/600
Max. Traveling speed (0/full load)	km/h	23/25
Gradeability (0/full load)	%	25/20
Overall length L	mm	6900
Wheel base L1	mm	4550
Rated load center distance L2	mm	1220
Front overhang L3	mm	1140
Overall height H (retract/extend)	mm	10870/19240
Min. Ground clearance H1	mm	285
Min. Locktip ground clearance H3	mm	2250
Max. Mast lifting height	mm	18750
Overall width W	mm	6110-12170
Front gauge W1	mm	3280
Rear gauge W2	mm	2030
Mast tilt angle (forw.α /backw.β)	°	2/4
Min. Turning radius R	mm	6200
Width for 20'container A1	mm	10000
Width for 40'container A2	mm	14000
note: K6/K8 are optional		

Configuration Parameter		
CONFIGURATION	UNIT	SDCE90K7E5
Battery type	-	CATL battery
Battery type	-	Huichuan engine DM2800
Charging/battery-swaptime	min	70
Endurance time	h	≥10
Lithium battery	kwh	350
Max. Lifting capacity	t	9
Noise in cab	dB	≤72
0~20km/h accelerate time	s	≤8
Drive axle type	-	KESSLER D81
Main pump	-	Parker
Main valve	-	Hengli
Spreader	Model	-
	Lateral move	mm
	Self-weight	t
	Suitable fo	mm
Tires	-	14.00-24 28PR

► Dimensions

