

H Series

SANY Empty Container Handler

SDCY90K6H2B

SDCY90K7H2B

SDCY90K8H2B



- ▶ **1** Imported Cummins engine, reliable quality, convenient maintenance.
- ▶ **2** Full flow electric proportional power shift DANA TE17 transmission, smooth and soft shift, comfortable operation.
- ▶ **3** The new 90F spreader has a fatigue life of more than 30,000 hours.
- ▶ **4** Classic H series models, stable performance, safe and reliable.

► Product Parameters

Technical Parameter				
ITEM	UNIT	SDCY90K6H2B	SDCY90K7H2B	SDCY90K8H2B
Overall weight	t	39	40	41
Rated load	t	9	9	9
Stack layer	-	6	7	8
Max. Lifting speed (0/full load)	mm/s	600/550	600/550	550/500
Max. Lowering speed (0/full load)	mm/s	550/600	550/600	550/600
Max. Traveling speed (0/full load)	km/h	26/28	26/28	26/28
Gradeability (0/full load)	%	35/25	35/25	35/25
Overall length L	mm	6900	6900	6900
Wheel base L1	mm	4550	4550	4550
Rated load center distance L2	mm	1220	1220	1220
Front overhang L3	mm	1140	1140	1140
Overall height H (retract/extend)	mm	9520/16540	10870/19240	12315/21740
Min. Ground clearance H1	mm	320	320	320
Min. Locktip ground clearance H3	mm	2250	2250	2250
Max. Mast lifting height	mm	16050	18750	21250
Overall width W	mm	6110-12170	6110-12170	6110-12170
Front gauge W1	mm	3280	3280	3280
Rear gauge W2	mm	2150	2150	2150
Mast tilt angle (forw.α /backw. β)	°	2/4	2/4	2/4
Min. Turning radius R	mm	6000	6000	6000
Width for 20'container A1	mm	10000	10000	10000
Width for 40'container A2	mm	14000	14000	14000

Note: k6/k8 are optional

Configuration Parameter				
CONFIGURATION	UNIT	SDCY90K6H2B	SDCY90K7H2B	SDCY90K8H2B
Engine	Model	-	Cummins6.7	Cummins6.7
	Rated power	kW/rpm	164/2300	164/2300
	Max. Torque	Nm/rpm	949/1400	949/1400
	Emission	-	stage	stage
Gearbox model		-	DANA TE17	DANA TE17
Axle model		-	KESSLER D81/Sany DWF-390	KESSLER D81/Sany DWF-390
Main pump		-	PERMCO	PERMCO
Main valve		-	WOLVOIL	WOLVOIL
Spreader	Model	-	SDJ90	SDJ90
	Lateral move	mm	±600 mm	±600 mm
	Self-weight	t	4.4	4.4
	Suitable fo	mm	ISO20'/40' container	ISO20'/40' container
Tires		-	14.00-24 28PR	14.00-24 28PR