

H Series

SDCY90K6H2B
SDCY90K7H2B

SDCY90K8H2B
SDCY90K7H4B

SANY Empty Container Handler



▶ 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	SDCY90K7H4B
Overall weight	t	39	40	41	40
Rated load	t	9	9	9	9
Stack layer	-	6	7	8	7
Max. Lifting speed (0/full load)	mm/s	600/550	600/550	550/500	600/550
Max. Lowering speed (0/full load)	mm/s	550/600	550/600	550/600	550/600
Max. Traveling speed (0/full load)	km/h	26/28	26/28	26/28	26/28
Gradeability (0/full load)	%	35/25	35/25	35/25	35/25
Overall length L	mm	6900	6900	6900	6900
Wheel base L1	mm	4550	4550	4550	4550
Rated load center distance L2	mm	1220	1220	1220	1220
Front overhang L3	mm	1140	1140	1140	1140
Overall height H (retract/extend)	mm	9520/16540	10870/19240	12315/21740	10870/19240
Min. Ground clearance H1	mm	320	320	320	320
Min. Locktip ground clearance H3	mm	2250	2250	2250	2250
Max. Mast lifting height	mm	16050	18750	21250	18750
Overall width W	mm	6110-12170	6110-12170	6110-12170	6110-12170
Front gauge W1	mm	3280	3280	3280	3280
Rear gauge W2	mm	2150	2150	2150	2150
Mast tilt angle (forw.α /backw. β)	°	2/4	2/4	2/4	2/4
Min. Turning radius R	mm	6000	6000	6000	6000
Width for 20'container A1	mm	10000	10000	10000	10000
Width for 40'container A2	mm	14000	14000	14000	14000

Note: k6/k8 are optional

Configuration Parameter					
CONFIGURATION	UNIT	SDCY90K6H2B	SDCY90K7H2B	SDCY90K8H2B	SDCY90K7H4B
Engine	Model	-	Cummins6.7	Cummins6.7	Cummins6.7
	Rated power	kW/rpm	164/2300	164/2300	164/2300
	Max. Torque	Nm/rpm	949/1400	949/1400	949/1400
	Emission	-	stage III	stage III	stage III
Gearbox model		-	DANA TE17	DANA TE17	DANA TE17
Axle model		-	KESSLER D81/Sany DWF-390	KESSLER D81/Sany DWF-390	KESSLER D81/Sany DWF-390
Main pump		-	PERMCO	PERMCO	PERMCO
Main valve		-	WOLVOIL	WOLVOIL	WOLVOIL
Spreader	Model	-	SDJ90	SDJ90	SDJ90
	Lateral move	mm	±600 mm	±600 mm	±600 mm
	Self-weight	t	4.4	4.4	4.4
	Suitable fo	mm	ISO20' /40' container	ISO20' /40' container	ISO20' /40' container
Tires		-	14.00-24 28PR	14.00-24 28PR	14.00-24 28PR