

EMPTY CONTAINER HANDLERS SDCY80K/100K



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EMPTY CONTAINER HANDLERS SDCY80K

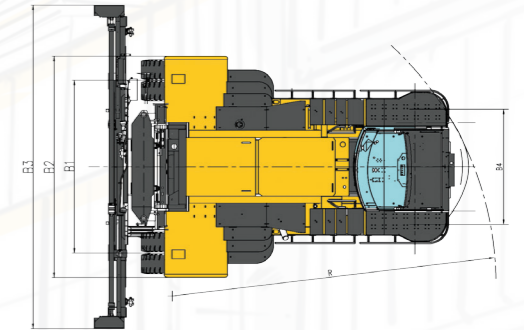
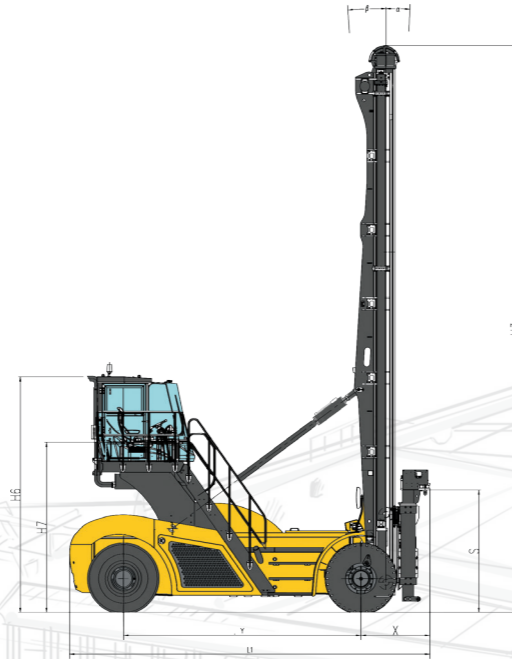
EMPTY CONTAINER HANDLERS SDCY100K

TIRES & WEIGHTS			
		SDCY80K6G	SDCY80K7G
Front/rear tires	Pneumatic		
Size front tires	(4x) 12.00x24		
Size rear tires	(2x) 12.00x24		
Pressure	bar	10	
Total weight without load	kg	37600	39631
Weight on axle at max. load (Front/Rear)	kg	34200/11400	36669/10962
Weight on axle without load (Front/Rear)	kg	22560/15040	24536/15095

TIRES & WEIGHTS				
		SDCY100K6G	SDCY100K7G	SDCY100K8G
Front/rear tires	Pneumatic			
Size front tires	(4x) 14.00x24			
Size rear tires	(2x) 14.00x24			
Pressure	bar	10		
Total weight without load	kg	40000	42012	43537
Weight on axle at max. load (Front/Rear)	kg	38000/12000	40540/11472	39859/13678
Weight on axle without load (Front/Rear)	kg	24000/16000	25089/16923	25354/18183

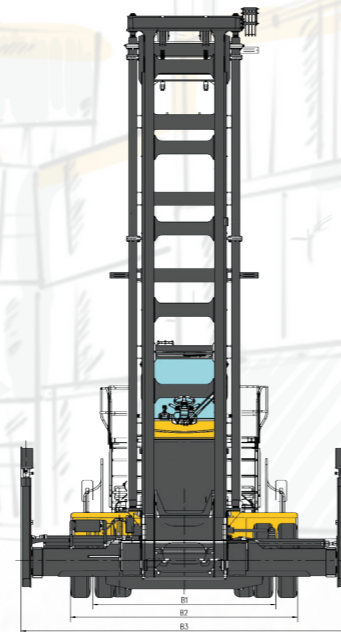
PERFORMANCE			
Capacity	kg	8000	
Travel speed with/without load	km/h	27/28	27/28
Lifting speed with/without load	mm/s	440/700	440/700
Lowering speed with/without load	mm/s	500/500	500/500
Max. traction force	kN	152	152
Max. gradient	%	38	38

PERFORMANCE		
Capacity	kg	10000
Travel speed with/without load	km/h	27/28
Lifting speed with/without load	mm/s	440/700
Lowering speed with/without load	mm/s	500/500
Max. traction force	kN	152
Max. gradient	%	38



DIMENSIONS			
		SDCY80K6G	SDCY80K7G
Stacking height		6x 8'6" - 5x 9'6"	7x 8'6" - 6x 9'6"
H4	Max. lifting height	16097	18697
H5	Max. mast height	16588	19188
S	Min. height under twistlocks	2298	2298
H3	Mast height closed	9582	10789
	Load center	1200	1200
Y	Wheelbase	4550	4550
B1/B4	Wheel center Front/Rear	3300/2200	3300/2200
m1	Ground clearance	269	269
L2	Overall Length	6900	6900
B2	Overall width Front/Rear (chassis only)	4100/2560	4100/2560
	Overall width	6038	6038
H6	Cabin height (without rotating beacon light)	4713	4713
H7	Seat height	3200	3200
	Rear overhang (from center of steering axle to the end)	963	963
R	Turning Radius (inside/outside)	355/6202	355/6202
	Aisle width 20'/40'	7788 / 10488	7788 / 10488
α/β	Mast tilting (Forward/Reverse)	2/4	2/4

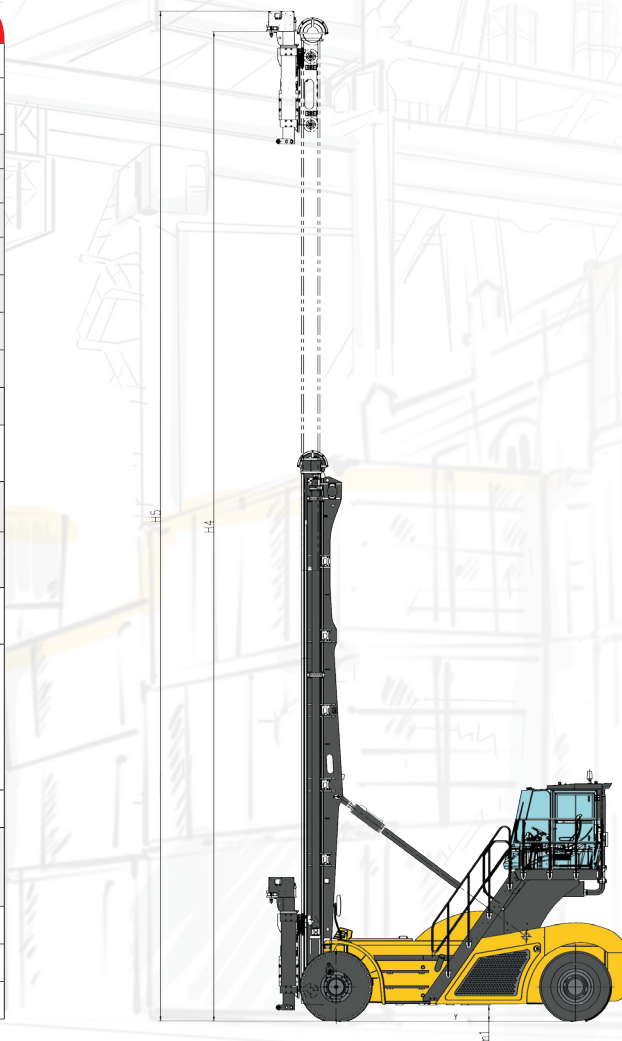
DIMENSIONS				
		SDCY100K6G	SDCY100K7G	SDCY100K8G
Stacking height		6(+1)x 8'6" - 5(+1)x 9'6"	7(+1)x 8'6" - 6(+1)x 9'6"	8(+1)x 8'6" - 7(+1)x 9'6"
H4	Max. lifting height	16247	18750	21297
H5	Max. mast height	16738	19241	21788
S	Min. height under twistlocks	2351	2351	2351
H3	Mast height closed	9635	10842	12571
	Load center	1200	1200	1200
Y	Wheelbase	4550	4550	4550
B1/B4	Wheel center Front/Rear	3300/2200	3300/2200	3300/2200
m1	Ground clearance	322	322	322
L2	Overall Length	6900	6900	6900
B2	Overall width Front/Rear (chassis only)	4130/2876	4130/2876	4130/2876
	Overall width	6038	6038	6038
H6	Cabin height (without rotating beacon light)	4766	4766	4766
H7	Seat height	3253	3253	3253
	Rear overhang (from center of steering axle to the end)	963	963	963
R	Turning Radius (inside/outside)	355/6202	355/6202	355/6202
	Aisle width 20'/40'	7788 / 10488	7788 / 10488	7788 / 10488
α/β	Mast tilting (Forward/Reverse)	2/4	2/4	2/4



EMPTY CONTAINER HANDLERS **SDCY80K/100K**

POWERTRAIN SYSTEM

Brakes	Front	Wet disc brakes
	Parking	Automatic mechanical brake disc
Engine	Type	Diesel
	Model	VOLVO TAD 871 VE
	Emission	Stage IV - Tier 4 final
	Power	185 kw - 252 hp
	rpm	2200
	Torque	1160Nm at 1200 rpm
	Cylinders	6
	Displacement	7700 cm ³
Drive axle	Model	KESSLER D 81
Gearbox	Model	Dana TE 17
	Gear speeds	3/3
spreader	Model	ELME 588 or ELME 582 or ELME 584
	Type	588 (single box) 582 (double box with twistlocks - PPS) 584 (double box with hooks and side clamps)
	Side shift	± 300
Hydraulic Pressure	Bar	220
fluids	Hydraulic oil	480I / 160I
	Ad Blue	45I
	Fuel	380I



ADDR SANY EUROPE GmbH
Sany Allee 1, D-50181 Bedburg
TEL 0049 2272 90531 100
FAX 0049 2272 90531 109
MAIL info@sanyeurope.com
NET www.sanyeurope.com

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