

EMPTY CONTAINER HANDLER

SDC90K8-C4

STANDARD FEATURES

- ➔ Safety features include LED work light package, alarm system, reverse camera, object detection system and a dry chemical fire suppression system
- ➔ Components from brands you know and trust including Cummins, Dana, Kessler, and Parker
- ➔ Powered Pile Slope and vertical twist-lock on the spreader
- ➔ Elevated Cab

19,800 lbs

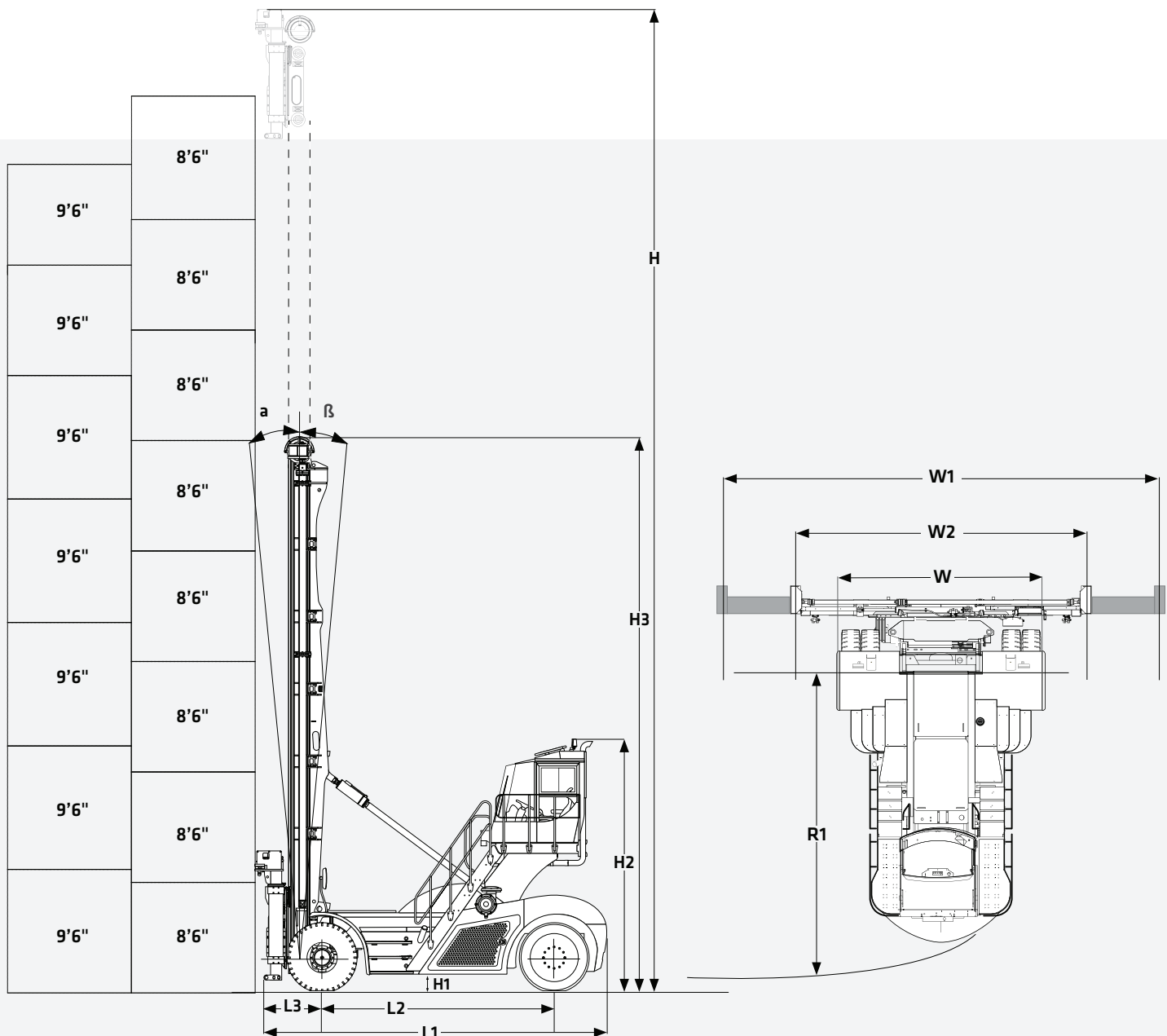
Max. Load

179"

Wheelbase

8/7 (8' 6" / 9' 6")

Stacking Height



STANDARD AND OPTIONAL EQUIPMENT

s = standard / o = optional

| SDC90K8-C4 | ENGINE |
|------------------|--|
| s | Cummins QSB6.7 EPA Diesel Engine with 225HP |
| s | Tier 4 Final EPA Emissions Compliant |
| s | 24V, 95A Alternator |
| s | High Intake, Long Life Air Filter w/ Safety Element |
| s | Automatic Fire Extinguisher |
| s | Exhaust Outlet Above Cabin |
| HYDRAULIC SYSTEM | |
| s | Efficient Load Sensing Hydraulic System |
| s | Optimized Automatic Throttle Up During Lifting Operations |
| s | SDJ90II 20'/40' Container Spreader for Single Stack ISO Containers |
| s | Spreader Equipped with Powered Pile Slope |
| s | Side Shift up to 24" in Both Directions |
| s | Hydraulic Accumulator on Lift Circuit |
| s | Spreader Twist Lock Indicator Lights |
| DRIVETRAIN | |
| s | Dana 13.7HR3200 Powershift Transmission |
| s | 3 FWD & 3 REV Gears |
| s | Kessler D81 Planetary Drive Axle w/ Wet Brakes |
| s | 14.00 x 24, 28 Ply Drive and Steer Pneumatic Tires |
| ACCESSORIES | |
| s | Locking Fuel Cap |
| o | Cold Climate System: For Temperatures Down to -22°F |
| o | Empty Seat Shut Down (Factory Preset is 15 Minutes) |
| s | Lockable Battery Disconnect |
| s | Operator, Service and Parts Manuals (English) |
| s | Electric Horn |
| s | Wide Angle Mirrors |
| o | Twist Lock Counter |

STANDARD AND OPTIONAL EQUIPMENT

s = standard / o = optional

| SDC90K8-C4 OPERATOR'S STATION | |
|-------------------------------|--|
| s | Enclosed High Visibility Cabin |
| s | High Mounted Cabin |
| s | Mechanical Full Suspension Cloth Seat (Grammer) |
| o | Air Ride, Full Suspension Cloth Seat (Grammer) |
| s | Stair Wells Leading to Both Sides of Cabin |
| s | Ergonomic Multi-Function Joy Stick |
| s | Intuitive Display Panel |
| s | Steering Wheel w/ Spinner Knob |
| s | 24V to 12V DC/DC Converter |
| s | Rubber Floor Mat |
| s | Operator Presence and Restraint System |
| s | Rubber Mount Isolators to Reduce Cabin Vibrations |
| s | Automatic Climate Control with A/C and Heat |
| o | Reverse Camera w/ 7" Display |
| s | Object Detection Sensor up to 10' in Reverse Direction |
| o | Object Detection Sensor up to 16' in Reverse Direction |
| s | Telescoping and Tilting Steering Column |
| s | Front, Top and Rear Wipers |
| s | Recirculation Fan |
| s | Top Sun Shade |
| o | Training Seat |
| o | Additional Hour Meter (Located in Dash) |
| o | Reading Light |
| o | 12V - 10A Power Supply |
| o | Radio System (Includes Radio, Speakers and Antenna) |
| o | Auxiliary Equipment Mounting Shelf |
| ELECTRICAL | |
| s | 2 Front Facing Fender Mounted LED Lights |
| s | 4 Forward Facing Cabin Mounted LED Work Lights |
| s | 2 Rear Facing Mast Mounted LED Lights |
| s | 4 Spreader Mounted LED Lights |
| s | Indicator and Hazard Lights |
| s | Rotating Amber Beacon on Boom |



elevex.ca

PRODUCT SPECIFICATIONS EMPTY CONTAINER HANDLER || SDC90K8-C4

WORKING RANGE

| SPECIFICATIONS | | |
|-----------------------------|-----------------|-----------|
| GENERAL | | |
| Stacking Height | 8'6" / 9' 6" | 8/7 High |
| Load Capacity | 19,800 lbs | 9 000 kg |
| Load Center | 48" | 1 220 mm |
| Load Distance | 45" | 1 143 mm |
| Wheelbase | 179" | 4 550 mm |
| Hydraulic Tank Capacity | | |
| Main | 100 gal | 380 l |
| Brake | 24 gal | 90 l |
| Fuel Tank Capacity | 132 gal | 500 l |
| WEIGHTS | | |
| Total Truck Weight w/o Load | 90,200 lbs | 41 000 kg |
| Axle Loading with Load | | |
| Front | 86,970 lbs | 39 450 kg |
| Rear | 23,770 lbs | 10 780 kg |
| Axle Loading without Load | | |
| Front | 56,640 lbs | 25 690 kg |
| Rear | 34,250 lbs | 15 540 kg |
| TIRES | | |
| Tire Type | Pneumatic | |
| Tire Size | | |
| Drive | 14.00-24 28 Ply | |
| Steer | 14.00-24 28 Ply | |

LIFTING PERFORMANCE

| PERFORMANCE | | |
|---------------------------------|------------|----------|
| SPEED | | |
| Travel | | |
| With Load | 15 mph | 24 km/h |
| Without Load | 16 mph | 26 km/h |
| Lifting | | |
| With Load | 108 ft/min | 0.55 m/s |
| Without Load | 118 ft/min | 0.60 m/s |
| Lowering | | |
| With Load | 118 ft/min | 0.60 m/s |
| Without Load | 108 ft/min | 0.55 m/s |
| DRAWBAR | | |
| Pull-Max | 33,721 lbf | 150 kN |
| GRADEABILITY @ 1 MPH (1.6 KM/H) | | |
| With Load | 25% | |

* All imperial numbers have been rounded to the nearest whole number.
 Ratings are based on ISO 10567:2007. Lift capacity does not exceed 75% of tipping load with the machine on firm, level ground or 87% of hydraulic lifting capacity.
 In the interest of continual equipment development, SANY Canada Ltd. reserves the right to change these specifications at any time without prior notification.

| POWERTRAIN | | |
|---------------------------------------|--------------------------------|-------------------|
| ENGINE | | |
| Type | Cummins Diesel | |
| Output | | |
| Rated | 225 hp | 167 kW |
| Governed Speed | 2,200 rpm | |
| Number of Cylinders | 6 | |
| Displacement | 6.7 l | |
| Turbocharger | Water-cooled Variable Geometry | |
| Alternator | 24V | 95A |
| Drive Axle | Kessler D81 | |
| TRANSMISSION | | |
| Model Number | Dana HR32000 | |
| Forward | 3 | |
| Reverse | 3 | |
| BATTERY | | |
| Capacity | 2 x 12 V 165 Ah | |
| BRAKES | | |
| Service | Wet Disc | |
| Parking | Dry Disc | |
| TANK CAPACITY | | |
| DEF | 10 gal | 38 l |
| STANDARD MAST & SPREADER | | |
| Mast Type | Duplex | |
| Free Lift Height | -- | -- |
| Lift Height, Under Twistlocks Max. | 837" | 21 250 mm |
| Lift Height, Under Twistlocks Min. | 87" | 2 200 mm |
| Mast Height Lowered | 484" | 12 293 mm |
| Mast Height Extended, Top of Spreader | 859" | 21 818 mm |
| Spreader Adjustment, Min. / Max. | 238-480" | 6 053 / 12 185 mm |
| Sideshift Distance | 24" | +/- 600 mm |
| Pile Slope Type | Powered | |
| Pile Slope | +/- 5° | |
| Slewing | +/- 3° | |
| DIMENSIONS | | |
| Mast Tilt, Fwd/Back (a/β) | 2°/4° | |
| H Mast Height Extended | 859" | 21 818 mm |
| H1 Minimum Ground Clearance | 11.8" | 300 mm |
| H2 Cab Height | 194" | 4 940 mm |
| H3 Mast Height Lowered | 484" | 12 293 mm |
| L1 Overall Length | 272" | 6 910 mm |
| L2 Wheelbase | 179" | 4 550 mm |
| L3 Load Distance | 45" | 1 143 mm |
| W Overall Width w/o Spreader | 162" | 4 110 mm |
| W1 Spreader Width Extended | 238" | 6 045 mm |
| Minimum Aisle Width 40' | 551" | 13 955 mm |
| W2 Spreader Width Retracted | 479" | 12 166 mm |
| Minimum Aisle Width 20' | 394" | 10 000 mm |
| R1 Outside Turning Radius | 236" | 5 994 mm |



MONTREAL (Head office)
 19151 A, Cruickshank Avenue
 Baie-D'Urfé (Québec) H9X 3N9

Phone: 418 694-4223
 Toll free: 1 866 421-4223
 info@elevex.ca



QUEBEC
 1279, Paul-Émile Giroux St. Suite 200
 Québec (Québec) G1C 0K9

SAGUENAY
 2305, Alexis-Le-Trotteur St.
 Jonquière (Québec) G7X 9H8