

 **DRESSTA**®

534E-LA
COMPACTOR



■ Net Horsepower 169 kW (227 hp)

■ Compaction ratio 1:3.8

■ Operating Weight

- w/ blade 24 015 kg (52,943 lb)

- w/ bucket 24 965 kg (55,038 lb)

534E-LA COMPACTOR

- Powershift transmission
- Single lever equipment control
- Various attachments
- Air filtration and ventilating



ENGINE

* Make and model Cummins QSC8.3
 Type In-line, 6-cylinder
 Aspiration Turbocharged and CAC
 Fuel system HPI Electronic
 Gross Horsepower, SAE J1995 179 kW (240 hp)
 Net Horsepower, SAE J1349/ISO 9249 169 kW (227 hp)
 Rated rpm 2200 rpm
 Maximum torque @ 1500 rpm 1085 Nm (800 ft-lb)
 Displacement 8.3 l (505 in³)
 Bore and stroke 114 x 135 mm (4.49" x 5.32")
 Air cleaner dry type with service indicator

* Meets EU Stage IIIA and EPA Tier 3 emission regulations

TORQUE CONVERTER

Single stage, single phase type, 3.0 to 1 stall ratio.

TRANSMISSION

Countershaft type powershift, 2 speeds forward and 2 reverse.

AXLES & FINAL DRIVES

Full-floating axle shafts and planetary final drive. Four wheel drive. Front axle fixed, rear axle oscillates a total of 26°. Vertical wheel travel of 480 mm (18.9"). Conventional differentials.

STEERING SYSTEM

Articulated frame. Hydrostatic type, providing smooth, responsive steering at any engine speed.
 Auxiliary steering - ground driven.
 Articulation, right and left 40°
 Turning radius outside corner of bucket 6.65 m (21'10")

BRAKES

Service – four wheel, air-over-hydraulic, dry disc.
 Parking – air release, spring apply, disc type, on front axle with indicator light.

LOADER LINKAGE

Parallel loader linkage with sealed pivot points; extended lubrication intervals.

HYDRAULIC SYSTEM

Reservoir with sight gauge and 10-micron "spin-on" type filter. Pumps, gear type driven from torque converter.
 Output @ 2200 rpm and 16 MPa (2,320 psi):
 - main, hydraulic equipment - 188 l/min (50 gpm)
 - steering and hydraulic equipment - 160 l/min (42 gpm).
 Valve: Low effort, 2-spool or 3-spool with relief valve.
 Relief valve pressure 16 MPa (2,320 psi).
 Cylinders (double acting) – hardened chrome plated piston rods.

Boom – Bore and Stroke (2) 160 x 860 mm (6.3" x 33.8")
 Bucket – Bore and Stroke (2) 160 x 470 mm (6.3" x 18.5")
 Steering – Bore and Stroke (2) 110 x 442 mm (4.3" x 17.4")

REFILL CAPACITIES

	Liter	(US gal)
Fuel tank	300	(79.3)
Cooling system	35	(9.2)
Crankcase w/filters	19	(5.0)
Transmission system	95	(25)
Differential & final drive, each	35	(9.2)
Hydraulic reservoir	230	(60.8)

INSTRUMENTATION

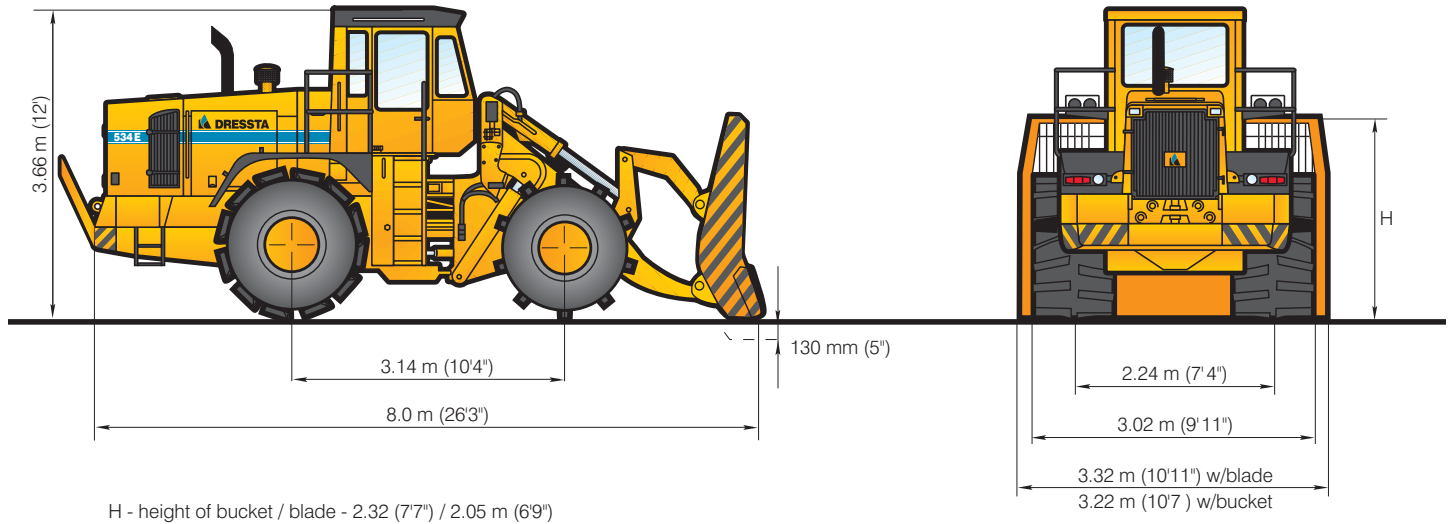
Gauges: brake system air pressure, engine coolant temp., engine lube oil pressure, engine oil temp., torque converter oil temp., fuel level, speedometer, voltmeter, hourmeter, tachometer.

Warning lights: engine coolant overheat, low engine lube oil pressure, low air pressure, low coolant level, ground driven steering, low fuel level, parking brake applied, filter service indicator (hydraulic and steering system, air cleaner).

Visual sight gauges for hydraulic reservoir and transmission.

OPERATING WEIGHT

Includes standard equipment and:
 - landfill blade 24015 kg (52,943 lb)
 - landfill bucket 24965 kg (55,038 lb)



PADFOOT WHEELS - FRONT	
Drum width	0.78 m (30.7")
Diameters:	
- over pads	1.62 m (64")
- drum only	1.40 m (55")
Pad length	124 mm (4.9")
Number of pads	50
Number of pad rows	10
Ground pressure	113.6 kN/m ² (16.5 psi)

CHOPPER WHEELS - REAR	
Drum width	0.78 m (30.7")
Diameters:	
- over blades	1.62 m (64")
- drum only	1.40 m (55")
Blade length	345 mm (13.6")
Number of blades	24
Number of blade rows	12
Ground pressure	140.7 kN/m ² (20.4 psi)

WORKING ATTACHMENTS



MULTI-PURPOSE BUCKET
2.6 m³ (3.4 yd³)

LANDFILL BUCKET
3.4 m³ (4.5 yd³)

LANDFILL BLADE
2.0 m³ (2.6 yd³)

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STANDARD EQUIPMENT

- Air cleaner, dry type with service indicator
- Air filtration and ventilating
- Alarm, back-up
- Alternator, 70A
- Auxiliary steering, ground driven
- Axles, conventional differentials
- Back-up lights
- Batteries, (2) 12 V, 1150 A
- Beacon light, rotating
- Boom kickout
- Brakes; service - four wheel, air-over-hydraulic, dry disc; parking - disc type, front axle mounted
- Cab standard with inside mirror, sun visor, wipers w/washers, dome light and heater
- ROPS/FOPS, 2 post (SAE J1040 and J231)
- CE accessories: fire extinguisher, first aid kit, grease gun, tools
- Cooling module; includes radiator, transmission and torque converter oil cooler and charge air cooler
- Counterweight front, 500 kg (1,102 lb)
- Engine hood, sloped
- Fan, hydraulically driven, suction type, variable speed
- Fenders, rear
- Filters, engine oil and fuel, hydraulics, transmission-torque converter
- Grill, rear, vertically hinged
- Guards, front axle, full length underside protection, radiator, anti-wrap axle guard
- Horn, electric
- Hydraulic control, single lever (joystick)
- Instruments:
 - Gauges: brake system air pressure, engine coolant temp., engine lube oil pressure, engine oil temp., torque converter oil temp., fuel level, tachometer, speedometer, voltmeter, hourmeter
 - Warning lights: parking brake applied, filter service indicators, engine coolant overheat, low fuel level, engine oil low pressure, low air pressure
 - Visual sight gauges for hydraulic reservoir and transmission oil
- Ladder, left and right side
- Lights, working and traveling, 4 front and 2 rear, 2 stop and tail, turn signals
- Master electrical disconnect
- Mirrors, LH and RH, rear view, outside
- Seat, suspension type, adjustable height, tilting, forward and backward movement, seat belt (SAE J386)
- Starting, 24 V
- Steering, articulated frame, hydrostatic
- Striker bars, front and rear
- Torque converter, single stage
- Towing pin
- Transmission, powershift, hydraulic control
- Valve, 2-spool
- Wheels:
 - padfoot, steel, front
 - chopper, steel, rear

OPTIONAL ATTACHMENTS

- Air conditioner and heater/pressurizer/defroster
- Brake lines guards
- Centralized lubricating system
- Hydraulic kit; includes 3-spool valve, piping, controls and auxiliary lever
- Set of filters for 1000-1500-2000 h maintenance
- Superstructure with sound suppression package
- Working attachments:
 - bucket, multi-purpose, 2.6 cu.m (3.4 cu.yd)
 - landfill blade w/trash rack, 2 cu.m (2.6 cu.yd)
 - landfill bucket w/trash rack, 3.4 cu.m (4.5 cu.yd)

Specifications subject to change without notice. Illustrations and pictures may include optional equipment and may not include all standard equipment. Compaction rate is based upon consistent average travel speed, thickness of material and material densities. DRESSTA Co. Ltd. does not take responsibility for compaction rates achieved that equate to more or less than those promoted.

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