

C307A/C310A COMPACTOR



RANGE OF APPLICATIONS.

When static compaction is required, the 7 ton (6.35 mt) and 10 ton (9 mt) models perform in a wide range of applications from highway construction to driveways, base to finish layers. Linear force is easily adjusted by adding or reducing ballast in the drums.



SPLIT FRONT DRUM.

The 50" (1270 mm) split front drum enables the outer half of the drum to rotate faster than the inner half resulting in quick work on corners and curves, without mat tearing.



PRESSURIZED WATER SPRAY.

Two (2) 100 gal (378 L) tanks supply the pressurized feed system with eight (8) intermittent spray settings. Five (5) nozzles and cocoa mats on the front and rear drums provide optimal drum coverage.



POWER TO PERFORM.

A Cat® C3.4B Tier 4F engine with 74 hp (55 kW) powers both the C307A and C310A to a maximum speed of 10.5 mph (16.9 km/hr) with a 12' 6" (3.8 m) inside turning radius.



VISIBILITY AND CONTROL.

Dual seats with 5-position pivot steering wheel and low profile hood design enhance operator sight lines. Controls within easy reach of the operator and optional air-suspension seat help reduce fatigue.



UNMATCHED SERVICE AND SUPPORT.

Plastic fuel tank prevents rusting. Spray nozzles and filters are easily removable by hand. Extended life water pump. Routine service and grease locations are easily accessible.



C307A/C301A SPECIFICATIONS

C307A BASE WEIGHT	14,080 lb	6387 kg	HEIGHT	107"	2717 kg	MAXIMUM TURN ANGLE	45°	
C307A MAX WEIGHT	20,500 lb	9300 kg	WHEELBASE	132"	3352 mm	INSIDE TURNING RADIUS	12' 6"	3.8 m
C310A BASE WEIGHT	20,160 lb	9144 kg	FRONT DRUM DIAMETER	40"	1016 mm	LOW RANGE MAX SPEED	5.25 mph	8.4 km/hr
C310A MAX WEIGHT	26,580 lb	12 056 kg	FRONT DRUM WIDTH	50"	1270 mm	HIGH RANGE MAX SPEED	10.5 mph	16.9 km/hr
WIDTH	64"	1625 mm	REAR DRUM DIAMETER	53"	1346 mm	WATER TANK CAPACITY	200 gal	757 L
LENGTH	15' 6"	4724 mm	REAR DRUM WIDTH	50"	1270 mm	FUEL TANK CAPACITY	42 gal	159 L

PERFORMANCE

- C307A (7 ton) and C310A (10 ton) models
- Split front drum minimizes mat tearing
- Cat® C3.4B Tier 4F Engine w/ 74 hp (55 kW)
- Maximum speed of 10.5 mph (16.9 km/hr)
- Variable speed fan drive
- 40" (1016 mm) diameter, 50" (1270 mm) wide front drum
- 53" (1346 mm) diameter, 50" (1270 mm) wide rear drum
- 45° maximum turn angle
- 12' 6" (3.8 m) inside turning radius
- Optimal ground clearance for loading

WATER SPRAY SYSTEM

- Five nozzles at front and rear for optimal coverage
- Pressurized feed system
- Eight intermittent spray settings
- Two (2) 100 gal (378 L) tanks
- Triple filtered system reduces nozzle clogging
- Spray components feature corrosion resistant materials
- Extended life water pump
- Large water tank fill port
- Easy to clean spray bars
- Nozzles and filters removable by hand
- Front and rear cocoa mats

OPERATING ENVIRONMENT

- 5-position pivot steering wheel improves sight lines
- Additional steps and handles for easy entry/exit
- Controls easily within reach of operator
- Low profile hood enhance visibility
- Optional air suspension seat

SERVICE/MAINTENANCE

- Routine service points are easy to access
- Plastic fuel tank prevents rusting
- Fuel and water tanks are easily accessible
- Sealed, braided harnesses protect wires
- Color-coded and numbers wiring

OPTIONAL EQUIPMENT

- Air suspension seat
- Dual water pumps
- Cat® water mat (replaces cocoa mat)
- Work lights

SALES AND SERVICE

Sold and serviced through Caterpillar dealers worldwide.

WEILERPRODUCTS.COM

WARRANTY

12 months standard. Extended warranty available.