

C307A/C310A

STATIC SPLIT-DRUM 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 4 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.



FAST SERVICE.

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/C310A SPECIFICATIONS

C307A BASE WEIGHT	14,080 lb	6386 kg	HEIGHT	107"	2717 kg	MAXIMUM TURN ANGLE	45°	
C307A MAX WEIGHT	20,500 lb	9298 mm	WHEELBASE	132"	3352 mm	INSIDE TURNING RADIUS	12' 6"	3.8 m
C310A BASE WEIGHT	20,160 lb	9144 mm	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 mm	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 4 Engine w/ 74 hp (55 kW)
Maximum speed of 10.5 mph (16.9 kn/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 exclusively through Caterpillar dealers worldwide.

WARRANTY

12 months standard. Extended warranty available.