

CT718 COMPOST TURNER



EASE OF OPERATION. New control display with a full instrument panel makes it convenient to read gauges at a glance — as well as see the sides and rear of the machine on the color display through the mounted rear view cameras.



QUIET, EFFICIENT ENGINE FAN. Flexxair fan pitch is variably adjustable, automatically reading the engine temperature and adjusting itself as needed, reducing horsepower consumption. Reversible to blow debris off screen.



TRANSPORTABILITY. Machine height is 12.5' (3.8 m) for easier transportability. Ladder folds out for climb access and folds in to make the machine narrower for transport.



CONQUERS YOUR TERRAIN. When equipped with the independent two-wheel drive short track system, the CT718 offers improved traction in difficult composting sites.



CONVENIENT REAR CURTAIN. Rear curtain is controlled from the cab and can be lowered to control window material deflection when entering a window. It can also be strapped down for easier transport.



AGGRESSIVE FLAILS AND DRUMS. Aggressive Vermeer flails and drum help provide aeration and mixing. When properly aerated, the composting cycle is considerably shortened and site throughput is increased.

CT718 COMPOST TURNER

GENERAL WEIGHTS AND DIMENSIONS

Max operational width: 25' (7.6 m)

Max operational width (two-wheel drive option): 26' (7.9 m)

Max operational length: 11.9' (3.6 m)

Max operational length (two-wheel drive option): 16.6' (5.1 m)

Max operational height: 14' (4.3 m)

Max transport width: 11.9' (3.6 m)

Max transport width (two-wheel drive option): 11.2' (3.4 m)

Max transport length: 25' (7.6 m)

Max transport length (two-wheel drive option): 32' (9.8 m)

Max transport height: 12.5' (3.8 m)

Weight: 46,500 lb (21,092.1 kg)

Weight (two-wheel drive short track): 53,000 lb (24,040.4 kg)

Capacity: Up to 5000 tons/hr (4535.9 metric tons/hr)

ENGINE

Make/Model: CAT C15 Tier 4 Final

Max gross horsepower: 540 hp (403 kW)

Fuel tank capacity: 200 gal (757.1 L)

HYDRAULIC SYSTEM

Tank capacity: 40 gal (151.4 L)

Filtration method: Return filters and suction strainers

FRAME

Mainframe: Constructed of 8" x 6" x .4" (20.3 cm x 15.2 cm x 1 cm) and 6" x 6" x .25" (15.2 cm x 15.2 cm x .6 cm) steel tube with continuous welding

OPERATING HEIGHT ADJUSTMENT

Operating height adjustment: The machine's operating height is adjusted on each front wheel with independently operated hydraulic cylinders and on the rear wheels with a pair of jointly operated hydraulic cylinders from 0" to 18" (0 cm to 45.7 cm) above ground. User can define automatic height setting which allows for a single touch to lower and raise to the same position.

GROUND DRIVE OPTION ONE

Ground drive type: Independent four-wheel drive system

Ground pressure: 25.3 psi (.17 MPa)

Tire size: 21L-24 16-ply agricultural

GROUND DRIVE OPTION TWO

Ground drive type: Independent two-wheel drive system with two rear wheel casters

Ground pressure: 31.7 psi (.22 MPa)

Tire size: 21L-24 16-ply agricultural

GROUND DRIVE OPTION THREE

Ground drive type: Independent two-wheel drive short track system with 2 rear wheel casters

Ground pressure: 24.1 psi (.17 MPa)

Wheel Lift Cylinders: 4" x 24" (10.2 cm x 61 cm) Stroke Welded Body with position sensors

Track size: Steel Track with 45" (114.3 cm) contact patch

PROCESSING TUNNEL

Windrow height: 7' (2.1 m)

Windrow width: 18' (5.5 m)

Tunnel lining: Fully lined .25" (.6 cm) steel plate

Rubber skirting curtains (thickness): .4" (1 cm)

DRUM

Drum diameter (including flails): 44" (111.8 cm)

Drum length: 17.9' (5.5 m)

Number of flails: 102

Flail dimensions: .75" x 4" x 11.6" (1.9 cm x 10.2 cm x 29.5 cm)

CAB

Width: 62" (157.5 cm)

Retraction: 13" (33 cm)

Activated carbon filtration: Aids in removing odors and fumes, as well as dust and dirt particles.

CONTROL STATION

Display type/Gauges: 7" (17.8 cm) color display showing engine and machine information along with fault and diagnostic codes

Load controller: Designed to respond to changes in drum speed, slowing the machine's forward rate of travel if it encounters loads greater than the set point, without input from the operator.

OPTIONS

Two-wheel drive system

Hard-surfaced flails

Spray bar attachment

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