

A tradition of innovation since 1966



model 9564

[horizontal grinder]



DURATECH...Clearing the way for a better tomorrow.

The Model 9564 Horizontal Grinder is the newest member to the DuraTech Line up of industrial grinders. It comes with the CAT C27 Tier II Diesel engine that puts out 950 HP (708.4 kw)

The HPTO wet clutch transfers power to the 64 inch wide 12,100 lb(5488.5 kg) hammermill. The hammermill is fed by a self governing floor apron and feed roller through a 60"(152.4cm) wide x 40" (101.6cm) high feed opening. The high capacity 315 cu. Ft. (11.66 cu. yd.) (8.91cu.m.) hopper will handle the largest trees and stumps.

Features Include:

- Caterpillar C27 950 HP (708.4 kw) Tier II diesel engine.
- PT-Tech HPTO 15 microprocessor controlled wet clutch.
- Enclosed engine compartment with convenient access doors
- Self cleaning air intake system
- 30 ft. x 48 in. wide oscillating stacking conveyor.
- 10 groove belt drive connects the wet clutch to the hammermill.
- 12,100 pound (5488.47kg) 64 in. wide hammermill
- 24 hammers with a tip swing of 51 in. (129.54cm)
- 60 in. (152.4cm) wide x 40 in. high (101.6cm) feed opening.
- Self governing floor apron and feed roller (42 in. (106.68cm) diameter).
- Large 315 cu. Ft. (11.66Cu. YD.) (8.91Cu M) hopper; 61.5 in. (156.2cm) wide x 248 in. (629.9cm) long.
- Four Hydraulic stabilizer legs
- 91,500 pounds (41,503.7kg) of well engineered construction.

DURATECH

Wood Recycling

Composting



Self Cleaning
Air Intake System



Self Governing Apron
and Feed Roller Feed
Large Hammermill



Oscillating Stacking
Conveyor Pivots 40 Degrees



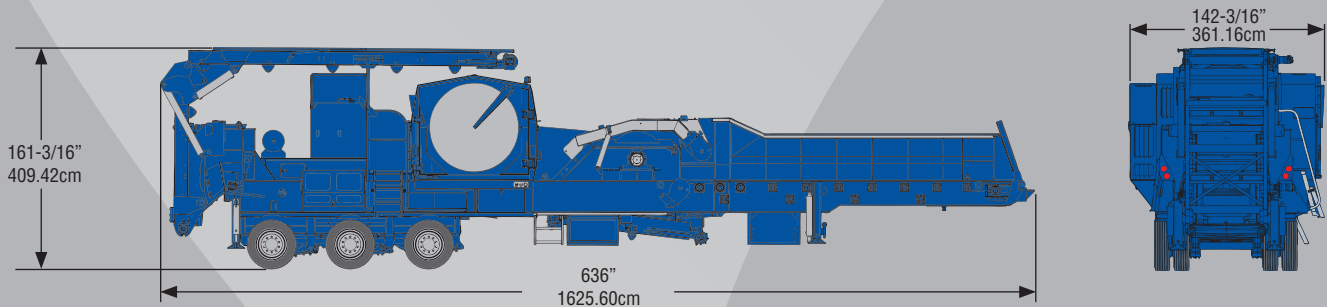
10 Groove Belt
Drive System



12,100 lb.
(5,488.47kg)
Hammermill



HPTO
Wet Clutch



SPECIFICATIONS

model 9564
[horizontal grinder]

Machine Dimensions

Transport Length	53' (15.18m)
Transport Width	11' 10" (2.59m)
Transport Height	13' 5" (4.09m)

Axle/ Suspension

Spacing	57-1/2" (146.05cm/1.46m)
5th Wheel Weight	33,750lbs (15,308.74kg)
Total Axle Weight	57,750lbs (26,195kg)
Total Machine Weight	91,500lbs (41,503.7kg)

Drive System

Engine	Caterpillar C27 Tier II 950HP (708.4kw) Diesel Engine
Clutch	HPTO 15 TD Wet Clutch
Fuel Tank	380 Gallons / 1440 Litres
Fuel Consumption	45.7 gal./hr (179.8 L/hr)
Hydraulic Tank	145 Gallons (548.9L)
Rotor Drive	10 Groove 8V

Feed System

Hopper Capacity	315 Cubic Feet / 11.66 Yards (8.91cu.m.)
Hopper Width	61-1/2" (156.2cm)Bottom / 74" (187.7cm)Top
Hopper Length	248" (629.9cm)Door Up / 300" (762.0cm)Door Don
Hopper Depth	35" (88.9cm)
Feed Opening	61-1/2" x 40 (106.6cm x156.2cm)
Feed Height	96" (234.8cm)

Governing System

Electric (PLC)	Programable Logic Controller
Hydraulic Drives	Two Load Sensing Pumps

Hammermill

Rotor Shaft Size	5-7/16" (13.81cm)
Rotor Width	64" (162.6cm)
Rotor Speed	1125 RPM
Tip Swing Diameter	50-3/4" (126.9cm)
Number of Tips	24
Cylinder Mid Plates	1-1/2" (3.81cm) Thick x 39" (99.06cm) Diameter
Cylinder End Plates	1-1/2" (3.81cm)Thick x 40" (101.6cm) Diameter T-1 Material
Weight	12,100lbs (5488.47kg)
Hammer Rod Size	3-1/4" (8.26cm)

Feeder Rotor

Rotor Diameter	42" (106.9cm)
Drive	Dual Orbit Motor/Double Reduction Gearboxes

Screens

Screen Area	4340 Square Inches (11023.6 sq. cm)
Thickness	1" (2.54cm)
Hole Sizes	Available in a variety of sizes

Belly Conveyor

Length	28-1/2' (8.69m)
Width	54" (137.2cm)

Stacking Conveyor

Length	366" / 30-1/2' (929.6cm/9.3m)
Width	48" (121.9cm)
Oscillation	40° Side to Side
Stacking Height	22' (6.71m) @ 30 Degree Incline

Options

Air Compressor	Available
Magnetic Roller	Available

The PLC (Programable Logic Controller) regulates feed rate based on rotor speed. Feed rate is proportional to rotor speed. Maximum feed rate is adjustable. "Hammermill weight consists of shaft, hammer rods, bits, hardware and tool holders."

Illustrations, specifications, and descriptions contained herein were accurate at the time of publication, but are subject to change without notice. Illustrations may include optional equipment and accessories and may not include all standard equipment.



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3780 Hwy 281 SE, Jamestown, ND 58401
Phone: 1-800-243-4601
duratechindustries.net



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