

A tradition of innovation since 1966

# **DURATECH**<sup>®</sup> **model 2009**

[ industrial tub grinder ]

  
**DURATECH**<sup>®</sup>



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

*Made to grind or regrind, the DuraTech 2009 series of industrial tub grinders are the most economical grinders on the market. With a CAT C9 325 hp (242.4kw) Tier III diesel engine, a self adjusting HPTO microprocessor controlled clutch, enclosed engine compartment with a self cleaning air intake system, it's efficient and affordable. Plus it's available with a pintle or fifth wheel hitch and as a Track powered unit for those hard to get to grinding sites.*

*The DuraTech 2009 industrial tub grinders are built to grind and built to last.*

# features...

## FEATURE



- 40" (101.6 cm) Rotor Mounted on 4 1/2" (11.43 cm) Shaft with 3 1/2" (8.89 cm) Oil Bath Bearings
- 18 Fixed and 36 Swinging Hammers
- Dynamically Balanced 1" (2.54 cm) Thick Screens in Various Sizes

## FEATURE



- PT-TECH HPTO-12 Clutch
- Self Adjusting
- Built in Torque Limiter and Brake
- Microprocessor Controlled
- Superior Protection for Engine and Drive Line

## FEATURE



- 325 HP (242.4 kw) C9 Caterpillar Electronic Diesel Engine
- Reliable CAT service
- Meets EPA Tier III Standards
- Lowest Decibel Reading in its class
- Enclosed Engine Protects Engine from Grinding Debris
- Easy Access to Engine

## FEATURE



- Enclosed engine compartment with self cleaning air intake system.
- The enclosed engine compartment reduces engine noise and reduces maintenance
- Allows easy access to the engine from both sides.
- The self cleaning air intake system provides constant clean air to the radiator and the engine.

# In a class all by itself...



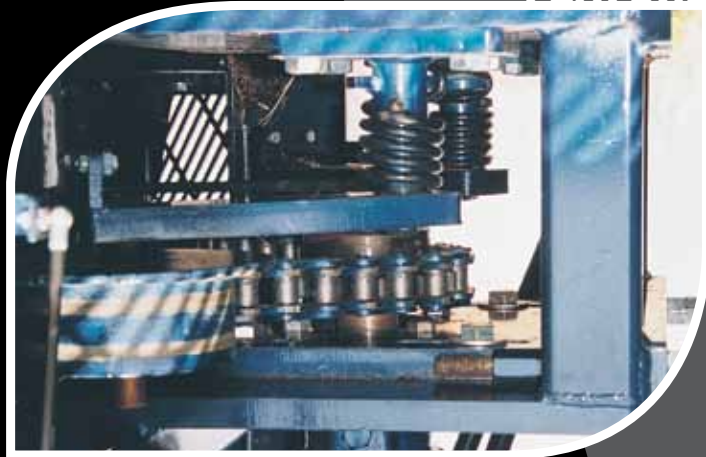
24" (60.96 cm) wide top drive 21' 6" (6.55 m) stacking conveyor allows the operator to load material into a truck or into a 16' (4.88 m) pile. The optional magnetic roller and aluminum chute removes metal from the finished product.



The 2009T offers a compact 24" (60.96cm) x 11' 6" (3.5m) conveyor. The 24" x 21' 6" (6.55m) conveyor (above) is optional.

# features...

## FEATURE



- Single drive orbit motor drives the tub
- Governor controlled tub speed
- Heavy duty 120H drive chain
- Spring adjustable chain tension
- Continuous chain sprocket around tub

## FEATURE



- Command console with optional remote control
- Master engine controls, gauges and shutoff
- Electric over hydraulic controls for: clutch, governor and stacking conveyor
- Optional 6 function remote controls: engine stop, tub rotation, stacking conveyor and optional tub cover

## FEATURE

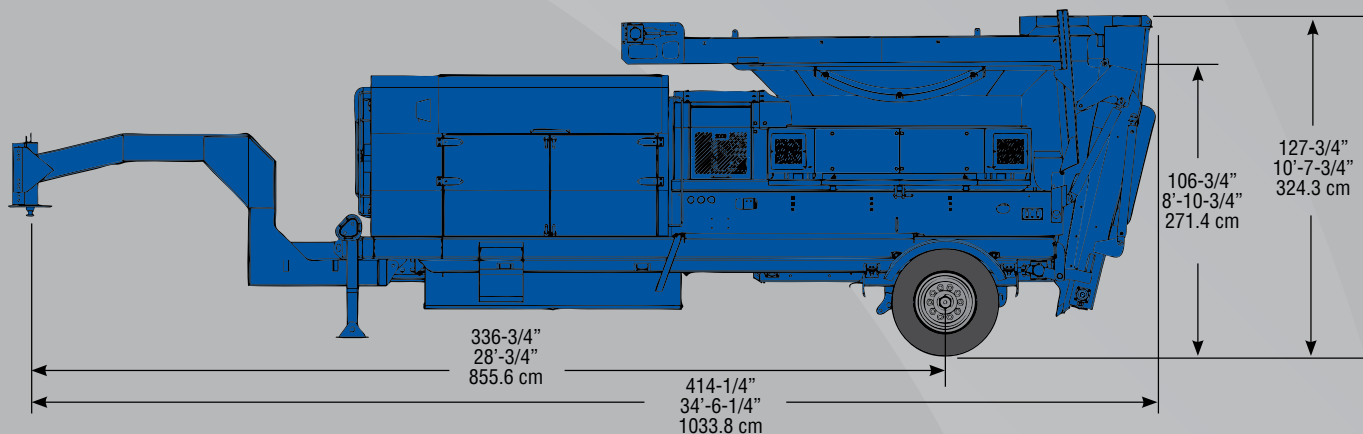


- 30" (76.2 cm) wide belly belt carries the finished product to the stacking conveyor
- Impact resistant belt

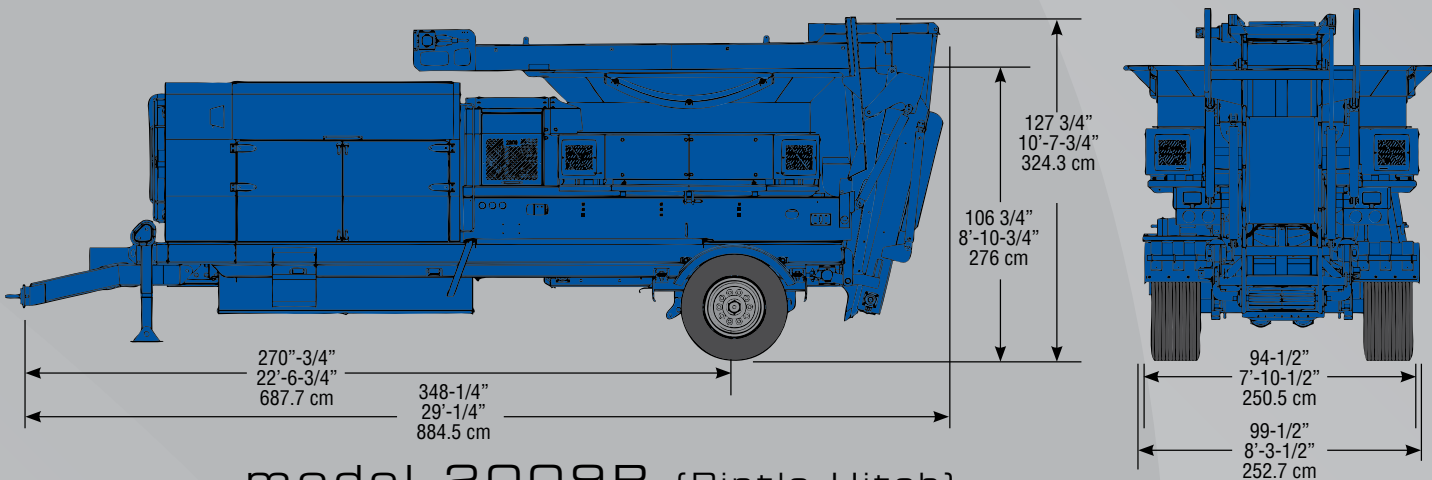
## FEATURE



- Optional tub cover controls flying debris
- The Tub Cover is operated by remote control



model 2009F (Fifth Wheel Hitch)



model 2009P (Pintle Hitch)

## SPECIFICATIONS [model 2009]

Weight (Pintle Hitch)	24,200lbs (10,976.94 kg)	Tub Floor	1/4" (.635 cm) Thick
Transport Width	8' 3-1/2" (2.52 m)	Tub Drive	Hydraulic Orbit Motor
Length (Pintle Hitch)	29' 1/4" (8.84 m)	Discharge Conveyor	21' 6" (6.55 m) Top Drive - 24" (60.96 cm) Wide
Axle	18,500 lbs (8,409.6kg) Single Axle	Belly Conveyor	30" (76.2 cm) Wide with a V Cleat
Tongue Weight (Pintle Hitch)	5,700 lbs (2,585.5 kg)	Tub Speed Sensor	Electronic Self Governing
Brakes	Air	Safety Switches	Safety Shutdown
Electrical	12 Volt	Hammers	18 Fixed Single Bolt Hammers, 36 Swinging Hammers
Tires	(2) 455/50R22.5 Super Singles	Hammermill Opening	41" x 25" (104.14 cm x 63.5 cm)
Fuel Capacity	100 Gallons (378.5 L)	Length	40" (101.6 cm)
Hydraulic Oil Capacity	50 Gallons (189.3 L)	Cylinder Plates	16" (40.64 cm) in Diameter 1-1/2" (3.81 cm) Thick
Lights	Tail, Clearance and Directional	Cylinder Shaft	4-1/2" (11.43 cm) Stress Proof Steel
Engine	Caterpillar C9 325 HP (242.4 kw) Tier III Electronic Diesel	Hammermill Drive	Direct Drive with Built in Torque Limiter
Clutch	PT Tech HPTO-12	Bearings	3-1/2" (8.89 cm) Pillow Block Bearings
Governor	Electro-Hydraulic Sensing	Hammer Rods	1-1/2" (3.81 cm) Diameter
Tub Width	9' 6-3/8" (2.91 m) at Flare	Screens	1" (2.54 cm) Thick Split Screens
Depth	3' 4" (1.02 m)	Transport Height w/ Tub Cover	129.85 in (329.82 cm)
Tub Diameter at Base	7' 6" (2.27 m)		
Tub Wall	3/16" (.476 cm) Thick		

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.



FEATURE

CAT 312 Track system  
20" (50.8cm) x 11'6" (3.5m)



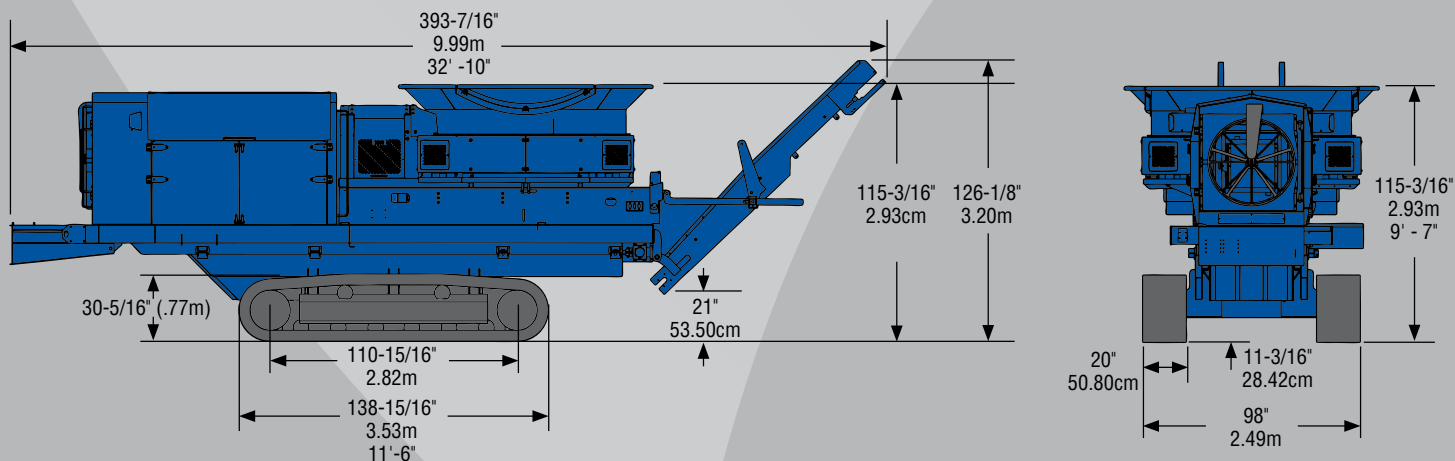
FEATURE

Compact Stacking Conveyor



FEATURE

Remote control handles most  
grinder functions



## SPECIFICATIONS [model 2009T]

Weight approximately	33,960 lbs ( 15,404 kg)	Tub Speed Sensor	Electronic Self Governing
Transport Width	8' 6" (2.59 m)	Tub Governor	Electro-Hydraulic Sensing
Length	32' 10" (9.99 m)	Belly Conveyor	30" (76.2 cm) Wide with a V Clear
Ground Clearance	11" (27.94cm)	Stacking Conveyor	11'6" (3.5m) L x 24" (60.96cm) W x 8" (20.3cm) D
Incline Grade	Tracks will Climb 40% Incline Grade	Safety Switches	Safety Shutdown
Track System	312 CAT Tracks with 500mm Shoes 20" (50.8cm) w x 11' 6" (3.5m)	Hammermill Opening	41" x 25" (104.14 cm x 63.5 cm)
Clutch	PT Tech HPTO-12 Clutch	Rotor Length	40" (101.6 cm)
Electrical	24 Volt	Rotor Plates	16" (40.64 cm) in Diameter 1" (2.54 cm) Thick
Fuel Capacity	100 Gallons (378.5 Liters)	Hammer Rods	1-1/2" (3.43 cm) Diameter
Hydraulic Oil Capacity	50 Gallons (189.3 Liters)	Rotor - Shaft Diameter	6" (15.24 cm) Stress Proof Steel
Tub Width	9' 6-3/8" (2.91 m) at Flare	Bearings	3-1/2" (8.89 cm) Pillow Block
Tub Depth	40" (1.02 m)	Bearings	
Tub Diameter at Base	7' 6" (2.27 m)	Hammers	18 Fixed Single Bolt, or 36 Swinging Hammers
Tub Wall	3/16" (.476 cm) Thick	Hammermill Drive	Direct Drive thru HPTO Clutch
Tub Floor	1/4" (.635 cm) Thick	Screens	1" (2.54 cm) Thick Split Screens
Tub Drive	Hydraulic Orbit Motor		

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