

Model 3010FL



GENERAL SPECIFICATIONS

Weight	51,540 lbs. (23,378.15kg)
Weight on Hitch	13,200 lbs. (5,987.42kg)
Transport Width	9' 6" (2.9m)
Transport Height	13' 4" (4.06m)
Transport Length	43' 9" (13.34m)
Axles	(3) 22,500 lbs. (10,208.83kg)
Electrical	24 Volt System
Tires	(12) -255 X70R X 22.5
Engine	540HP(401.7kw) CAT C15 Tier III
Clutch	HPTO 14 Wet Clutch
Fuel Capacity	300 Gallons (U.S.) (1135.6L)
Hydraulic Oil Capacity	110 Gallons (U.S.) (416.6L)
Lights	Clearance, Directional & Tail
Tub Width	10' (3.05m)
Depth	46" (116.8cm)
Tub Diameter at Base	8' (2.44m)
Tub Wall	1/4" (.64cm) Thick
Hammermill Drive	Bearings
Bearings	Hammer Rods
Hammer Rods	Hammer Area
Hammer Area	Feed Opening
Feed Opening	Screen Area
Screen Area	Rotator Plates
Rotator Plates	Rotator Length
Rotator Length	Rotator - Shaft Diameter
Rotator - Shaft Diameter	Belly Conveyor
Belly Conveyor	Tub Speed Sensor
Tub Speed Sensor	Service Access
Service Access	Stacking Conveyor
Stacking Conveyor	Tub Drive
Tub Drive	Tub Floor
Tub Floor	1/2" (1.27 cm) Thick AR Steel
120H Chain Single	Drive Hydraulic Motor
Drive Hydraulic Motor	90 Degree Tilting Tub
90 Degree Tilting Tub	26' (7.92 m) Long x
26' (7.92 m) Long x	36" (91.44 cm) Wide
36" (91.44 cm) Wide	Electronic Self Governing
Electronic Self Governing	7" (17.78 cm) Alloy Steel
7" (17.78 cm) Alloy Steel	Rotator Length
Rotator Length	Rotator Plates
Rotator Plates	Feed Opening
Feed Opening	Screen Area
Screen Area	Hammers
Hammers	Hammer Rods
Hammer Rods	Hammermill Drive
Hammermill Drive	3/8" (.953 cm) Thick

Model 4012F



GENERAL SPECIFICATIONS

Weight without Loader	65,500 lbs. (29,710.3 kg)
Weight on Hitch	12,500 lbs. (5669.9 kg)
Transport Width	11' 11" (3.63 m)
Transport Height	11' 10" (3.61 m)
without Loader	46' 8" (14.22 m kg)
Transport Length	(3) - 22,500 lbs (10,205.82 kg)
Axle	255/70R22.5
Tires	24 Volt Except Grapple
Electrical	Loader 12 Volt
Engine	CAT 3412 860HP (641.3kw) Tier I
Clutch	HPTO 20 on 860HP (641.3kw)
Fuel Capacity	300 Gallon (1,135 L)
Hydraulic Oil Capacity	110 Gallon (416.4 L)
Lights	Clearance, Directional
Tub Width	12' 6" (3.81 m)
Depth	56" (142.24 cm)
Tub Diameter at Base	10' (3.05 m)
Tub Wall	3/8" (.953 cm) Thick
Hammermill Drive	Bearings
Bearings	Hammer Rods
Hammer Rods	Hammer Area
Hammer Area	Feed Opening
Feed Opening	Screen Area
Screen Area	Rotator Plates
Rotator Plates	Rotator Length
Rotator Length	Rotator - Shaft Diameter
Rotator - Shaft Diameter	Belly Conveyor
Belly Conveyor	Tub Speed Sensor
Tub Speed Sensor	Service Access
Service Access	Stacking Conveyor
Stacking Conveyor	Tub Drive
Tub Drive	Tub Floor
Tub Floor	1/2" (1.27 cm) Thick AR Steel
120H Chain Single	Drive Hydraulic Motor
Drive Hydraulic Motor	90 Degree Tilting Tub
90 Degree Tilting Tub	26' (7.92 m) Long x
26' (7.92 m) Long x	36" (91.44 cm) Wide
36" (91.44 cm) Wide	Electronic Self Governing
Electronic Self Governing	7" (17.78 cm) Alloy Steel
7" (17.78 cm) Alloy Steel	Rotator Length
Rotator Length	Rotator Plates
Rotator Plates	Feed Opening
Feed Opening	Screen Area
Screen Area	Hammers
Hammers	Hammer Rods
Hammer Rods	Hammermill Drive
Hammermill Drive	3/8" (.953 cm) Thick

Model 4012HL



GENERAL SPECIFICATIONS

Weight with Loader	72,700 lbs. (32,976.2 kg)
Weight on Hitch	21,900 lbs. (9933.7 kg)
Transport Width	11' 11" (3.63 m)
Transport Height	13' 5" (4.09 m)
with Loader	46' 8" (14.22 m kg)
Transport Length	(3) - 22,500 lbs (10,205.82 kg)
Axle	255/70R22.5
Tires	24 Volt Except Grapple
Electrical	Loader 12 Volt
Engine	CAT 3412 860 HP (641.3 kw) Tier I
Clutch	HPTO 20 on 850HP (641.3 kw)
Fuel Capacity	300 Gallon (1,135 L)
Hydraulic Oil Capacity	110 Gallon (416.4 L)
Lights	Clearance, Directional
Tub Width	12' 6" (3.81 m)
Depth	56" (142.24 cm)
Tub Diameter at Base	10' (3.05 m)
Tub Wall	3/8" (.953 cm) Thick
Hammermill Drive	Bearings
Bearings	Hammer Rods
Hammer Rods	Hammer Area
Hammer Area	Feed Opening
Feed Opening	Screen Area
Screen Area	Rotator Plates
Rotator Plates	Rotator Length
Rotator Length	Rotator - Shaft Diameter
Rotator - Shaft Diameter	Belly Conveyor
Belly Conveyor	Tub Speed Sensor
Tub Speed Sensor	Service Access
Service Access	Stacking Conveyor
Stacking Conveyor	Tub Drive
Tub Drive	Tub Floor
Tub Floor	1/2" (1.27 cm) Thick AR Steel
120H Chain Single	Drive Hydraulic Motor
Drive Hydraulic Motor	90 Degree Tilting Tub
90 Degree Tilting Tub	26' (7.92 m) Long x
26' (7.92 m) Long x	36" (91.44 cm) Wide
36" (91.44 cm) Wide	Electronic Self Governing
Electronic Self Governing	7" (17.78 cm) Alloy Steel
7" (17.78 cm) Alloy Steel	Rotator Length
Rotator Length	Rotator Plates
Rotator Plates	Feed Opening
Feed Opening	Screen Area
Screen Area	Hammers
Hammers	Hammer Rods
Hammer Rods	Hammermill Drive
Hammermill Drive	3/8" (.953 cm) Thick



Product Guide

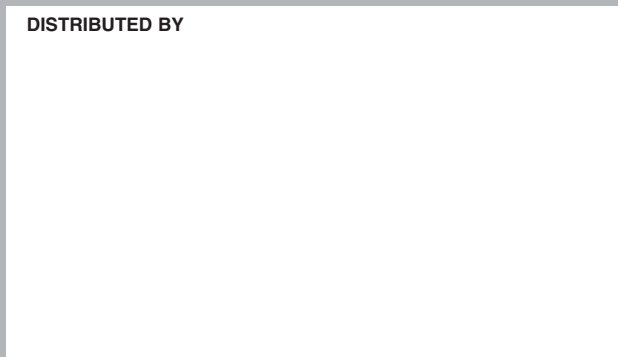
A tradition of innovation since 1966



RECYCLING EQUIPMENT

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

DISTRIBUTED BY



All across North America, the DuraTech dealer network is committed to providing customers with the highest level of service and fast, dependable parts support.

PO BOX 1940
JAMESTOWN, ND 58402-1940
701-252-4601 • FAX: 701-252-0502
www.duratechindustries.net
ind.sales@duratechindustries.net



... Clearing the way for a better tomorrow.

INDUSTRIAL PRODUCT GUIDE



- 2009 Industrial Tub Grinder
- 2009T Industrial Tub Grinder
- 3010F Industrial Tub Grinder
- 3010P Industrial Tub Grinder
- 3010T Industrial Tub Grinder
- 3010FL Industrial Tub Grinder
- 4012F Industrial Tub Grinder
- 4012FL Industrial Tub Grinder
- 9564 Horizontal Grinder



Model 3010F



GENERAL SPECIFICATIONS

Weight with Fifth Wheel Hitch 38,000 lbs. (17,236.51 kg)
 Transport Width 8'6" (2.54 m)
 Transport Height 11' (3.35 m)
 Transport Length w/ Fifth Wheel Hitch 42'9" (13.03 m)
 Axle (2)-22,500 lbs. (10,205.82 kg)
 Electrical 24 Volt
 Lights Clearance, Directional
 Tires 255/70R22.5
 Engine 475 HP (354.2kw) CAT C15 Tier III
 540HP (401.7kw) CAT C15 Tier III
 HPTO 14 Wet Clutch
 Fuel Capacity 300 Gallons (1,135.6 l)
 Hydraulic Oil Capacity 50 Gallons (189.3 l)
 Tub Width 10' (3.04 m)
 Tub Depth 46" (116.84 cm)
 Tub Diameter at Base 8' (2.43 m)
 Tub Wall 1/4" (.635 cm) Thick
 Tub Floor 3/8" (.953 m) Thick AR Steel

Transport Height with Tub Cover 135.82 in (345.01cm)
 Tub Drive 120H Chain
 Single Drive Hydraulic Motor
 90 Degree Titrting Tub
 26' (7.92 m) Long x 30" (76.2 cm) Wide Folding
 30" (76.2 cm) Wide Impact Resistant Electronic Self Governing
 Rotor - Shaft Diameter 6" (15.24 cm) Stress Proof Steel
 Rotor Length 44" (111.76 cm)
 Rotor Plates 16" (40.64 m) Diameter x 1 1/2" (3.81 cm) Thick
 20 Fixed Single Bolt or 40 Swinging
 Hammers 45" x 25" (114.3 cm x 63.5 cm)
 Feed Opening 2403 Square Inches (6103.6 sq cm)
 Screen Area (8) - 1 1/2" (3.81 cm) Diameter
 Hammer Rods 4" (10.16 cm) Oil Bath Bearings
 Bearings 4" (10.16 cm) Oil Bath Bearings
 Hammermill Drive Direct Drive Through
 HPTO Oil Cooled Clutch

Model 3010P



GENERAL SPECIFICATIONS

Weight with Pintle Hitch 35,840 lbs. (16,256.75 kg)
 Weight on Hitch 5,840 lbs. (2,648.98 kg)
 Transport Width 8'6" (2.54 m)
 Transport Height 11' (3.35 m)
 Transport Length 38'4" (11.68 m)
 Axle (2)-22,500 lbs (10,205.82 kg)
 Electrical 24 Volt
 Lights Clearance, Directional
 Tires 255/70R22.5
 Engine 475 HP (354.2kw) CAT C15 Tier III
 540HP (401.7kw) CAT C15 Tier III
 HPTO 14 Wet Clutch
 Fuel Capacity 200 Gallons (757 l)
 Hydraulic Oil Capacity 50 Gallons (189.3 l)
 Tub Width 10' (3.04 m)
 Tub Depth 46" (116.84 cm)
 Tub Diameter at Base 8' (2.43 m)
 Tub Wall 1/4" (.635 cm) Thick
 Tub Floor 3/8" (.953 m) Thick AR Steel
 Transport Height with Tub Cover 135.82 in (345.01 cm)

Tub Drive 120 h Chain
 Single Drive Hydraulic Motor
 Service Access 90 Degree Titrting Tub
 Stacking Conveyor 26' (7.92 m) Long x 30" (76.2 cm) Wide Folding
 30" (76.2 cm) Wide Impact Resistant Electronic Self Governing
 Rotor - Shaft Diameter 6" (15.24 cm) Stress Proof Steel
 Rotor Length 44" (111.76 cm)
 Rotor Plates 16" (40.64 m) Diameter x 1 1/2" (3.81 cm) Thick
 20 Fixed Single Bolt or 40 Swinging
 Hammers 45" x 25" (114.3 cm x 63.5 cm)
 Feed Opening 2403 Square Inches (6103.6 sq cm)
 Screen Area (8) - 1 1/2" (3.81 cm) Diameter
 Hammer Rods 4" (10.16 cm) Oil Bath Bearings
 Bearings 4" (10.16 cm) Oil Bath Bearings
 Hammermill Drive Direct Drive Through
 HPTO Oil Cooled Clutch

Model 3010T



GENERAL SPECIFICATIONS

Weight 44,620 lbs.(20239.3kg)
 Transport Width 8' 6" (2.59m)
 Transport Height 11' 4" (3.45m)
 Transport Length 36' 3" (11.07m0
 Ground Clearance 24" (60.7cm)
 Incline Grade Tracks will Climb 50% Incline Grade
 20" (50.8cm) wide x 15' (4.6m) long
 Track System Steel Track
 Electrical 24 volt
 Engine 475 HP (354.2kw) CAT C15 Tier III
 540HP (401.7kw) CAT C15 Tier III
 HPTO 14 Wet Clutch
 Fuel Capacity 160 Gallons (605.6 L)
 Hydraulic Oil Capacity 50 Gallons (U.S.) (189.3 L)
 Tub Width 10' (3.05m)
 Depth 46" (116.8cm)
 Tub Diameter at Base 8' (2.44m)
 Tub Wall 1/4" Thick (.64cm)

Tub Floor 3/8" Thick (.95cm)
 Tub Drive Direct Hydraulic Drive
 Service Access 90 Degree Titrting Tub
 Stacking Conveyor 10' 6" L x 30" W x 8" D
 (3.2m L x 76.2cm W x 20.3cm D)
 30" (76.2cm)Wide
 Electronic Self Governing
 Rotor - Shaft Diameter 6" (15.24cm) Stress Proof Steel
 Rotor Length 44" (111.76cm)
 Rotor Plates 16" (40.64cm) Dia., 1-1/2" (3.81)Thick
 Plates 25" (63.5cm)x 45" (114.3cm)
 Feed Opening 2403 Sq. In. (5189.2 sq cm)
 Screen Area 1-1/2" (3.81cm) Dia., 43" (109.22cm) Long
 4" (10.16cm)Pillow Block Bearings
 Hammermill Drive Direct Thru HPTO Oil Cooled
 Screens Split Screens 1" (2.54)Thick

Model 2009



GENERAL SPECIFICATIONS

Weight 23,400 lbs. (10,614.06 kg)
 Weight on Hitch 6000 lbs. (2,721.55 kg)
 Weight on Axle w/tub cover 18,900 lbs. (8972.9 kg)
 Transport Width 20,320 lbs. (9216.9 kg)
 Length 8' 6" (2.59 m)
 Axle 27' 5" (8.36 m)
 Brakes 25,000 lbs. (11,339.01 kg) Single Axle
 Air
 Electrical 12 Volt
 Tires (4) 255 x 70R x 22.5
 Fuel Capacity 100 Gallons (378.5 l)
 Hydraulic Oil Capacity 50 Gallons (189.3 l)
 Lights Clearance and Directional
 Engine Caterpillar C9 325 HP (242.4 kw)
 Tier III Electronic Diesel Engine
 PT Tech HPTO-12
 Clutch Electro-Hydraulic Sensing
 Governor 9' 6-3/8" (2.91 m) at Flare
 Tub Width 3' 4" (1.02 m)
 Depth 7' 6" (2.27 m)
 Tub Diameter at Base 3' 4" (1.02 m)
 Tub Wall 3/16" (.476 cm) Thick

Tub Floor 1/4" (.635 cm) Thick
 Tub Drive Hydraulic Orbit Motor
 Stacking Conveyor 21' 6" (6.55 m)Top Drive - 24" (60.96 cm) Wide
 30" (76.2 cm) Wide with a V Cleat
 Electronic Self Governing
 Safety Switches
 Hammers 32 fixed 2 Bolt Hammers, or 64 Swinging Hammers
 Hammermill Opening 41" x 25" (104.14 cm x 63.5 cm)
 Length 40" (101.6 cm)
 Cylinder Plates 16" (40.64 cm) in Diameter
 1" (2.54 cm) Thick
 4-1/2" (11.43 cm) Stress Proof Steel
 Direct Drive with Built in Torque
 Limiter
 Bearings 3-1/2" (8.89 cm) Pillow Block Bearings
 Hammer Rods 1-1/4" (3.18 cm) Diameter
 Screens 1" (2.54 cm) Thick Split Screens
 Transport Height w/ Tub Cover 129.85 in (329.82 cm)

Model 2009T



GENERAL SPECIFICATIONS

Machine Dimensions
 Weight 30,000 lbs (13,608kg) approximate
 Transport Width 8' 6" (2.59m) Length 27' 5" (8.36 m)
 Ground Clearance 11" (27.94cm)
 Incline Grade Tracks will Climb 40% Incline Grade
 Track System 312 CAT Tracks with 500mm Shoes
 20" (50.8cm) w x 11' 6" (3.5m)
 Engine Caterpillar C9 325 HP (242.4 kw)
 Tier III Electronic Diesel Engine
 PT Tech HPTO-12 Clutch
 Clutch 24 Volt
 Electrical 100 Gallons (378.5 Liters)
 Fuel Capacity 50 Gallons (189.3 Liters)
 Hydraulic Oil Capacity 9' 6-3/8" (2.91 m) at Flare Depth
 Tub Width 40" (1.02 m)
 Tub Diameter at Base 7' 6" (2.27 m)
 Tub Wall 3/16" (.476 cm) Thick
 Tub Floor 1/4" (.635 cm) Thick
 Tub Drive Hydraulic Orbit Motor
 Tub Speed Sensor Electronic Self Governing

Tub Governor Electro-Hydraulic Sensing
 Belly Conveyor 30" (76.2 cm) Wide with a V Cleat
 Stacking Conveyor 11'6" (3.5m) L x 24" (60.96cm) W x 8" (20.3cm) D
 Safety Switches Safety Shutdown
 Hammermill Opening 41" x 25" (104.14 cm x 63.5 cm)
 Rotor Length 40" (101.6 cm)
 Rotor Plates 16" (40.64 cm) in Diameter 1" (2.54 cm) Thick
 Hammer Rods 1-1/2" (3.43 cm) Diameter
 Rotor Shaft Diameter 6" (15.24 cm) Stress Proof Steel
 Bearings 3-1/2" (8.89 cm) Pillow Block Bearings
 Hammers 20 Fixed single bolt, or 40 swinging hammers
 Hammermill Drive Direct Drive thru HPTO Clutch
 Screens 1" (2.54 cm) Thick Split Screen5

Model 9564 Horizontal



GENERAL SPECIFICATIONS

Machine Dimensions
 Transport Length 53' (16.25m)
 Transport Width 11' 10" (3.61m)
 Transport Height 13' 5" (4.09m)
Axle/ Suspension
 Spacing 57-1/2" (146.05cm/1.46m)
 5th Wheel Weight 33,750 lbs. (15,308.74kg)
 Total Axle Weight 57,750 lbs. (26,195kg)
 Total Machine Weight 91,500 lbs. (41,503.7kg)
Drive System
 Engine Caterpillar C27 950 HP (708.4 kw)
 Tier II Diesel Engine
 HPTO 15 TD Wet Clutch
 Fuel Tank 380 Gallons (1438.5 l)
 Hydraulic Tank 145 Gallons (548.9 l)
 Rotor Drive 10 Groove 8V
 Fuel Consumption 47.7 gal./hr (179.8 L/hr)
Feed System
 Hopper Capacity 315 Cubic Feet / 11.66 Yards (8.9 Cu M)
 Hopper Width 61-1/2" (156.2cm)Bottom / 74" (187.96cm)Top"
 Hopper Length 248" (629.9cm)Door Up / 300" (762.0cm)Door Down
 Hopper Depth 35" (89.9cm)
 Feed Opening 61-1/2" (156.2cm) wide x 40" (101.6cm) high
 Feed Height 96" (234.8cm)
Governing System
 Electric (PLC) Programmable Logic Controller

Hydraulic Drives Two Load Sense 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 12,100 lbs. (5488.47kg)
 Hammer Rod Size 3-1/4" (7.94cm)
Feeder Rotor
 Rotor Diameter 42" (106.9cm) Diameter x 1-1/2" (3.81cm) Thick
 Rotor Drive System Dual Orbit Motor/Dual Reduction
 Screens 4340 Square Inches (110.24 cu.m)
 Screen Area 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 Degree Side to Side
 Stacking Height 22' (6.71m) @ 30 Degree Incline