



Home > Equipment > Tub Grinders > TG9000

TG9000 Specs

General Dimensions and Weights - Non Loader		
Maximum Length - Transport	43'	13.1 m
Maximum Width (Transport)	11.9'	3.6 m
Maximum Height (Transport)	161"	408.9 cm
Weight - Engine Option One	96000 lbs	43544.9 kg
Tongue Weight - Engine Option One	27000 lbs	12247 kg
Axle Weight	69000 lbs	31297.9 kg

Engine Option One		
Make and Model	CAT 3412 E	
Number of Cylinders	12	
Gross Horsepower (Maximum)	1000 hp	745.7 kw
Fuel Tank Capacity	465 gal	1760.2 L
Max Fuel Consumption	39 gph	147.6 lph
Fuel Type	Diesel	
Oil Filter	Spin on	
Recommended Oil		
Cooling Medium	Liquid	
Clutch Type	PT Tech	
Clutch Engagement		

Engine Option Two

Make and Model	Caterpillar 3412E	
Number of Cylinders	12	
Gross Horsepower (Maximum)	1000 hp	745.7 kw
Fuel Tank Capacity	465 gal	1760.2 L
Fuel Type	Diesel	

Feed System		
Tub Table Thickness	.5"	cm
Tub Table Type	T1 steel	
Table Tilt Degrees	91 deg	
Inside Diameter of Tub	11'	3.4 m
Inside Flare Diameter - At Base of Tub	11'	3.4 m
Inside Flare Diameter - At Tub Opening	13.6'	4.2 m
Depth of Tub	4.6'	1.4 m
Wall Thickness	.4"	1 cm
Drive Type	Two hydraulic motors positive chain drive	
Drive Tensioner	Automatic hydraulically tensioned mechanical slide	
Tub Agitators	Four 6 " (15.24 cm)	

Safety System		
Thrown Object Restraint System	Pivoting tub cover aseembly	
Tub Cover Description	Hydraulically activated	
Tub Cover Positions	2	
Rotor Deflector	Standard	
Falling Object Protection at Control Station	Over head and side protection	

Duplex Drum		
Millbox Opening	32.5 " x 64 " (82.55 cm x 162.56 cm)	
Tip Diameter	36.4"	92.5 cm
Drum Cutting Width	64"	162.6 cm
Drum Skin Thickness	1.8"	4.6 cm
Drum Speed	1050 rpm	
Number of Hammers	10	
Number of Cutters	20	
Cutter Block Types	Block style with wide; 3.5	
Center Retention Pin Dimensions	2	

Pin and Plate Rotor		
Rod Dimensions	2.5 " (6.4 cm)	
Number of Hammers	22	
Number of Cutters	22	
Cutter Block Types	2.5 " (6.4 cm) narrow, 3.5 " (8.89 cm) wide or 2.5 " (6.4 cm) wide hammers	

Screens		
Screen Dimensions	5600 sq in. (14224 sq cm)	
Screen Type	Custom	
Breaker Bar Type	On screen	
Breaker Bar Dimensions	2.5 " x 4 " (6.4 cm x 10.16 cm) T1 steel	
Screen Area	5600 sq in	36129 sq cm

Discharge System - Dual Belt Design		
Conveyor Width - Belly	60"	152.4 cm
Drive Roller Diameter - Belly	14"	35.6 cm

Belt Speed - Belly	744 fpm (226.77 m per min)	
Belt Speed - Load Out	1000 fpm (304.8 m per min)	
Load Height	18'	5.5 m
Swing Arc	60 deg	

Hydraulic System		
Tank capacity	150 gal	567.8 L
Recommended Oil	VMF Gold	

Implement Hydraulics		
Pump Type	Hydrostatic	
System relief pressure	3000 psi	206.8 bar

Clutch Hydraulics		
Recommended Oil	VMF Gold	
Filtration Method	Spin on	
Number of Coolers	1	

Electrical System		
System Voltage	24 volt	

Control Station		
Display Type	Analog hydraulic gauges, LED display	
Gauges	Fuel level, Fan, hyd. system pressure, aux. hyd. system pressure, tub rotation hyd system pressure, conveyor hyd. system pressure, clutch hyd system pressure	
Switches	Ignition, Emergency Shutoff, battery disconnect, horn, control station selector, conveyor on/off, conveyor lid, conveyor fold, tub cover swing lock, tub lift, manual tub rotation, hammermill engage/disengage, stabilizers	

Radio Remote Control		
Operating Range	300 ' (91.4 m)	
Channel Setting	50 channels	

Chassis		
Frame Description	36 " and 43 " (91.44 cm and 109.22 cm) fabricated I-beam	
Hitch Type	Weld-in king pin 2 " (5.08 cm)	
Fender Description	Bolt on	
Trailer Light Type	Standard DOT	

Axle/Suspension		
Axle Type	Quad axle with dual wheels	
Capacity	20000 lbs	9071.9 kg
Tires - Option One	255/70R22.5	
Wheels - Option One	22.5	
Ground Clearance - Option One	22.5"	57.2 cm

Other Options - Tub Grinder		
Screens	Optional	
Special Tools Group	Optional	
Special Paint	Optional	
Extended Warranty	Optional	
Preventative Maintenance	Optional	