



Home > Equipment > Horizontal Grinders > HG200

HG200 Specs

General Dimensions and Lengths - Long Infeed		
Maximum Length - Transport	19.8'	6.04 m
Maximum Width (Transport)	5.5'	1.68 m
Maximum Height (Transport)	81.6"	207.26 cm
Weight - Engine Option One	5540 lbs	2512.9 kg
Tongue Weight - Engine Option One	640 lbs	290.3 kg
Axle Weight	4900 lbs	2222.6 kg

General Dimensions and Lengths - Short Infeed		
Maximum Length - Transport	17.8'	5.43 m
Maximum Width (Transport)	5.5'	1.68 m
Maximum Height (Transport)	81.6"	207.26 cm
Weight - Engine Option One	5470 lbs	2481.15 kg
Tongue Weight - Engine Option One	730 lbs	331.12 kg
Axle Weight	4740 lbs	2150.03 kg

Engine Option One		
Make and Model	Cummins B3.3 Turbo charged	
Number of Cylinders	4	
Gross Horsepower (Maximum)	85 hp	63.38 kw
Torque (Max)	215 ft-lb	291.5 Nm
Fuel Tank Capacity	25 gal	94.64 L

Max Fuel Consumption	4.77 gph	18.08 lph
Fuel Type	Diesel	
Air Cleaner	Two stage with safety element	
Oil Filter	Spin on	
Recommended Oil	SAE 15W40, API CH4	
Oil Volume with Filter	8.5 qt	8.07 L
Cooling Medium	Liquid	
Coolant Capacity (Engine and Radiator)	12.7 gal	48.13 L
Air to Boil Temperature	118 deg	
Alternator	60 amp	
Fan	16.5 " (41.91 cm) blower	
Clutch Type	Clutchless PTO	

Infeed Conveyor		
Feed Table Width	15"	38.1 cm
Feed Table Length - Option One	4'	1.22 m
Feed Table Length - Option Two	6'	1.83 m
Loading Height	1.25'	0.38 m
Flare Construction	40" (101.6 cm)	
Feed Conveyor Type	PVC-200 PIW	
Material Construction	Woven polyester carcass with PVC	
Drive Roller Construction	5.75 " (14.61 cm) diameter rubber lagged	

Infeed Roller		
Infeed Roller Width	17"	43.18 cm
Maximum Feed Height	12.5"	31.75 cm

Infeed Roller Diameter	20"	50.8 cm
Material Type	Steel	
Tooth Design	Knife	
Number of Teeth	12	

Duplex Drum		
Millbox Opening	12.5 " x 17.5 " (31.75 cm x 44.45 cm)	
Tip Diameter	22.3"	56.64 cm
Drum Skin Thickness	0.75"	1.91 cm
Drum Speed	1930 rpm	
Bearing Type	2.82 " (7.16 cm)	
Bearing - Inner Race Diameter	2.44"	6.2 cm
Number of Hammers	10 welded	
Number of Cutters	10	

Screens		
Screen Dimensions	0.5 " (1.27 cm)	
Number of Screens	2	
Number of Sides	2	
Screen Area	592 sq in	3819.35 sq cm
Anvil Type	Replaceable	

Discharge System - Single Belt Design		
Length	7.6'	2.32 m
Width	18"	45.72 cm
Belt Design	Cleated PVC-12 PIW	
Splice	Alligator staples	
Idler Roller Diameter	6"	15.24 cm

Standard Drive Roller Diameter	6"	15.24 cm
Magnetic Drive Roller Diameter	6"	15.24 cm
Drive Motor Bearings	Ball bearings with cast iron	

Hydraulic System		
Tank capacity	7.5 gal	28.43 L
Recommended Oil	Hypower 68	
Filtration Method	Return filter with suction strainer in tank	
Number of Coolers	1	

Implement Hydraulics		
System relief pressure	2700 psi	186.16 bar

Electrical System		
System Voltage	12 amp	

Control Station		
Gauges	Fuel, hourmeter, tach, votage, air cleaner restiction, oil pressure, water temperature	
Switches	Ignition, conveyor fold, conveyor on/off, reduced sensitivity on/off, hold to run, E-stop, infeed F/N/R	

Chassis		
Frame Description	Z section, .25 " x 5 " (0.64 cm x 12.7 cm)	
Hitch Type	Pintle, pin, ball (2 " & 2 5/16 ") (5.08 cm & 5.87 cm)	
Fender Description	Bolt on	
Brake Type	Electric or hydraulic	

Axle/Suspension		
Axle Type	Rubber torsion	
Manufacturer - Option One	Dexter	
Capacity	7000 lbs	3175.15 kg
Tires - Option One	LT245/75R16	
Wheels - Option One	16 " x 6 ", Bolt circle of 8 (40.64 cm x 15.24 cm, Bolt circle of 8)	
Ground Clearance - Option One	11.4"	28.96 cm

Copyright © 2010-2011. Vermeer Corporation. All Rights Reserved.

www.vermeer.com