



Electric Horizontal Grinder Full Spec Comparison

	B-66 E Grinder	EC-366 Grinder	EC-256 Grinder	SB-24 E Grinder
Quick Specifications				
Power Supply	Electric	Electric	Electric	Electric
Horsepower	500 – 1,000	150 – 500	150 – 400	150 – 250
Throat Opening	66" W x 36" H	66" W x 18" H	56" W x 18" H	24" W x 10" H
Length	35' 8"	30' 9"	30' 9"	18' 7"
Width	8' 6"	8' 6"	7' 8"	4' 9"
Height	11' 5"	9'	8' 6"	7' 8"
Weight	59,000 – 65,000 lbs.	28,000 – 40,000 lbs.	24,000 lbs.	12,000 lbs.
Power Plant				
Power Supply	3-phase	3-phase	3-phase	3-phase
Hydraulic Pump Motor(s)	50 – 100 hp	50 hp	50 hp	30 hp
Start-up Amp Reduction				
Soft Start	Standard Solid State Soft Start	Standard Solid State Soft Start	Standard Solid State Soft Start	Standard Solid State Soft Start
PRE-Starter	Optional PRE-Starter Mechanical Start Assist	Optional PRE-Starter Mechanical Start Assist	Optional PRE-Starter Mechanical Start Assist	
Configuration				
Stationary	Stationary	Stationary	Stationary	Stationary
Optional Trailer Mount	Optional Trailer Mount with 5th Wheel Hitch	Optional Trailer Mount with Pintle or 5th Wheel Hitch		
Feed System				
Infeed Hopper	66" W x 16' L	66" W x 16' L	56" W x 16' L	24" W x 10' L
Infeed Conveyor	66" W Rounded Steel Slat Infeed Conveyor	66" W Steel Infeed Conveyor	56" W Steel Slat Infeed Conveyor	24" W Steel Slat Infeed Conveyor
Infeed Hopper End	Optional Removable Infeed Hopper End	Removable Infeed Hopper End	Removable Infeed Hopper End	
Powerfeed Roller	32" D x 66" W Powerfeed Roller with Serrated Cleats	32" D x 66" W Powerfeed Roller with Serrated Cleats	32" D x 56" W Powerfeed Roller with Serrated Cleats	24" D x 24" W Powerfeed Roller with Serrated Cleats
Powerfeed Lift Height	36"	18"	18"	10"
Powerfeed Drive	Internal Radial Piston Drive Motor	Dual Hydraulic Motors with Sprocket Drives	Dual Hydraulic Motors with Sprocket Drives	Hydraulic Motor with Sprocket Drive
Hydraulic Traction	Variable Hydraulic Up and Down Pressure	Variable Hydraulic Down Pressure	Variable Hydraulic Down Pressure	Variable Hydraulic Down Pressure

Powerfeed Lift	Nonparralel Linkage Concentric Powerfeed Lift	Single Pivot Powerfeed Lift	Single Pivot Powerfeed Lift	Single Pivot Powerfeed Lift
Load Regulation	Motor Amp Draw Regulated Feed Speed	Motor Amp Draw Regulated Feed Speed	Motor Amp Draw Regulated Feed Speed	Motor Amp Draw Regulated Feed Speed
Infeed Transition	Gap-less Infeed Transition	Gap-less Infeed Transition	Gap-less Infeed Transition	Gap-less Infeed Transition
Slab Ramp	6-Position Hydraulic Slab Ramp	5-Position Hydraulic Slab Ramp	5-Position Hydraulic Slab Ramp	
Dust Hood	Optional Infeed Dust Hood	Optional Infeed Dust Hood	Optional Infeed Dust Hood	Optional Infeed Dust Hood
Hopper Side Extensions	Optional Hopper Side Extensions			

Grinding Chamber

Mill Direction	Down-Cut Mill	Down-Cut Mill	Down-Cut Mill	Down-Cut Mill
Injection Manifold	Direct Liquid Injection Manifold	Direct Liquid Injection Manifold	Direct Liquid Injection Manifold	Direct Liquid Injection Manifold

Rotor

Rotor Dimensions	42" D x 66" W	26" D x 66" W	26" D x 56"W	26" D x 24"W
Rotor Style	Patented Replaceable Mount Rotor	Indexable (2-Bolt) Rotor	Indexable (2-Bolt) Rotor	Indexable (2-Bolt) Rotor
		Indexable (Single Bolt) Rotor	Indexable (Single Bolt) Rotor	Indexable (Single Bolt) Rotor
		Pocket Loc Rotor	Pocket Loc Rotor	Pocket Loc Rotor
		Biomass Rotor	Biomass Rotor	Biomass Rotor
Chipper Package	Optional Keyknife Chipper Package			
Rakers	Optional Rotor Rakers	Optional Rotor Rakers	Optional Rotor Rakers	Optional Rotor Rakers
Rotor Shafts	5.4375" D	3.9375" D	3.9375" D	4.25" D

Screen

Screen Changer	Hydraulic Cam Lock Screen Changer	Hydraulic Cam Lock Screen Changer	Hydraulic Cam Lock Screen Changer	Hydraulic Cam Lock Screen Changer
Damage Mitigation	Shear Pin Protection	Shear Pin Protection	Shear Pin Protection	Shear Pin Protection
Screen Cradle	Cradle for Two-Piece Screen	Cradle for Single-Piece Screen	Cradle for Single-Piece Screen	Cradle for Single-Piece Screen
Screen Surface	3,956 inches squared	1,867 inches squared	1,582 inches squared	785 inches squared

Discharge System

Collection Conveyor	Full-Length Under-rotor Collection Conveyor	Full-Length Under-rotor Collection Conveyor	Full-Length Under-rotor Collection Conveyor	Full-Length Under-rotor Collection Conveyor
Discharge Conveyor	Choice of Discharge Conveyors	Choice of Discharge Conveyors	Choice of Discharge Conveyors	Choice of Discharge Conveyors
Conveyor Support Bed	Roller Bed	Roller Bed	Slide Bed	Slide Bed
Cross-Belt Conveyor	Optional Cross-Belt Magnetic Conveyor	Optional Cross-Belt Magnetic Conveyor	Optional Cross-Belt Magnetic Conveyor	



Cross-Belt Conveyor	Optional Cross-Belt Magnetic Conveyor	Optional Cross-Belt Magnetic Conveyor	Optional Cross-Belt Magnetic Conveyor	
Magnetic Head Pulley	Magnetic Head Pulley	Magnetic Head Pulley	Magnetic Head Pulley	Optional Magnetic Head Pulley
Dust Hood	Optional Dust Hood	Optional Dust Hood	Optional Dust Hood	Optional Dust Hood
Dust Cover	Complete Dust Cover	Complete Dust Cover	Complete Dust Cover	Complete Dust Cover

Control System

Operator Interface	Digital Control System	Digital Control System	Digital Control System	Digital Control System
Remote	Wireless Remote Control	Wireless Remote Control	Wireless Remote Control	Optional Wireless Remote Control
StopWatch	StopWatch Monitoring System	StopWatch Monitoring System	StopWatch Monitoring System	
Remote Monitoring System	Optional Remote Monitoring System	Optional Remote Monitoring System	Optional Remote Monitoring System	

Colorizer

Patented Power Application System	Optional Colorizer	Optional Colorizer	Optional Colorizer	
Water Pump	Optional Water Pump and Surge Tank	Optional Water Pump and Surge Tank	Optional Water Pump and Surge Tank	
Color Pump	Optional Color Pump	Optional Color Pump	Optional Color Pump	
Injection Manifold	Direct Injection Manifold	Direct Injection Manifold	Direct Injection Manifold	

High-Abrasion Package

Wear Liners	Optional Additional Wear Liners and Hardfacing	Optional Additional Wear Liners and Hardfacing		
Infeed Transition Pre-Screener	Optional Infeed Transition Screener	Optional Infeed Transition Screener		