



ROCK DRILLS

PROVEN, RELIABLE DRIFTER

Multiple drifter options for both the D560 and D460 provide low cost of ownership and reliability through a simple design with high strength materials. Auto lube system and field serviceability lead to increased productivity.



CAROUSEL ROD CHANGER

The six rod carousel holds multiple diameter rods with a multi-pass hole depth of 102'6" (31.1 m) The precise positions function indexes and locks, eliminating switches and sensors for increased reliability.

MORE POWER

The power group delivers fast cycle times and maximum efficiency with a combination of a robust, direct-drive air compressor and a Cat[®] engine with an oversized cooler to keep all systems operating at optimal temperatures.

EFFICIENT DRILLING

The mast accepts a start rod up to 20' (6.1 m) for a max single pass depth of 18' 6" (5.63 m). The boom with optional extension features wear pads for extended file and reaches multiple hole locations without moving.





DURABLE COMPONENTS

The frame and robust undercarriage provide durability for the demands of drilling and navigating rough terrain with excellent maneuverability due to a low center of gravity, high ground clearance and independent track oscillation.

OPERATOR COMFORT

The pressurized cab with positive filtration provides a quiet and comfortable work environment with high-visibility safety glass, climate controlled with heat and AC, six-way seat adjustment, roll-up shades and a radio.



INTUITIVE CONTROLS

The 10.1" (256 mm) color touch-screen display and multi-function joysticks provide full drill control at your fingertips. Push-button anti-jam and sync thread functions simplify operation while increasing productivity.

FAST SERVICE

Easy-to-fill auto greasers reach hammer, thread and chassis locations while multiple large doors provide excellent access to engine, hydraulic and compressor components.

SPECIFICATIONS

D560 SPECIFICATIONS				
Hole Diameter	3.5" - 6"	89 - 152 mm		
Max Hole Depth	102′ 6″	31 m		
Rod Length	12'/14'	3.6 m/4.3 m		
Rod Diameters	51 mm/60 mm/68mm			
Starter Rod	20'	6.1m		
Single Pass Depth	18'6"	5.63 m		
Boom Length	9'	2.7 m		
Boom Extension	3'	.9 m		
Boom Swing	23.7° L to 34.6° R			
Feed Swing	35° L to 37° R			
Engine	Cat® C9.3 Tier 4F/Stage V			
Horsepower	375 hp	280 kW		
Compressor	550 ft ³ /min	15.6 m ³ /min		
Operating Length	27′5″	8.3 m		
Operating Height	30'	9.1 m		
Operating Width	10'6"	3.2 m		
Shipping Length	36'9"	11.2 m		
Shipping Height	11′4″	3.4 m		
Shipping Width	8'6"	2.6 m		
Shipping Weight	48,500 lb	21 999 kg		
Grouser Pads	15"	380 mm		
Ground Clearance	16"	406 mm		
Track Gauge	80"	2032 mm		
High Tram Speed	2.7 mph	4.3 km/h		
Low Tram Speed	1.7 mph	2.7 km/h		
Track Oscillation	±10°			

Max Hole Depth 102′ 6″ 31 m Rod Length 12′/14′ 3.6 m/4.3 m Rod Diameters 45 mm/51 mm Starter Rod 20′ 6.1 m Single Pass Depth 18′6″ 5.63 m Boom Length 9′ 2.7 m Boom Extension 5′ 1.52 m Boom Swing 18.7° L to 30° R Feed Swing 35° L to 37° R Engine Cat® C7.1 Tier 4F Horsepower 300 hp 224 kW Compressor 350 ft³/min 9.9 m³/min Operating Length 27′5″ 8.3 m Operating Height 30′ 9.1 m Operating Width 10′6″ 3.2 m Shipping Length 36′9″ 11.2 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15″ 380 mm Ground Clearance 16″ 406 mm Track Gauge 80″ 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph </th <th></th> <th></th> <th></th>			
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Rod Length Rod Diameters 45 mm/51 mm Starter Rod 20' 6.1m Single Pass Depth 18'6" 5.63 m Boom Length 9' 2.7 m Boom Extension 5' 1.52 m Boom Swing 18.7° L to 30° R Feed Swing 35° L to 37° R Engine Cat® C7.1 Tier 4F Horsepower 300 hp 224 kW Compressor 350 ft³/min Operating Length 27'5" 8.3 m Operating Height 30' 9.1 m Operating Width 10'6" 3.2 m Shipping Length 36'9" 11.2 m Shipping Height 11'4" 3.4 m Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 1.2 mph 1.9 km/h	Hole Diameter	2.5" - 4.5"	63 - 114 mm
Rod Diameters 45 mm/51 mm Starter Rod 20' 6.1m Single Pass Depth 18'6" 5.63 m Boom Length 9' 2.7 m Boom Extension 5' 1.52 m Boom Swing 18.7° L to 30° R Feed Swing 35° L to 37° R Engine Cat® C7.1 Tier 4F Horsepower 300 hp 224 kW Compressor 350 ft³/min 9.9 m³/min Operating Length 27'5" 8.3 m Operating Height 30' 9.1 m Operating Width 10'6" 3.2 m Shipping Length 36'9" 11.2 m Shipping Height 11'4" 3.4 m Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Max Hole Depth	102′ 6″	31 m
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Boom Length 9' 2.7 m Boom Extension 5' 1.52 m Boom Swing 18.7° L to 30° R Feed Swing 35° L to 37° R Engine Cat® C7.1 Tier 4F Horsepower 300 hp 224 kW Compressor 350 ft³/min 9.9 m³/min Operating Length 27′5″ 8.3 m Operating Height 30′ 9.1 m Operating Width 10′6″ 3.2 m Shipping Length 36′9″ 11.2 m Shipping Height 11′4″ 3.4 m Shipping Width 8′6″ 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15″ 380 mm Ground Clearance 16″ 406 mm Track Gauge 80″ 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Starter Rod	20'	6.1m
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Operating Height 30' 9.1 m Operating Width 10'6" 3.2 m Shipping Length 36'9" 11.2 m Shipping Height 11'4" 3.4 m Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Compressor	350 ft ³ /min	9.9 m ³ /min
Operating Width 10'6" 3.2 m Shipping Length 36'9" 11.2 m Shipping Height 11'4" 3.4 m Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Operating Length	27′5″	8.3 m
Shipping Length 36'9" 11.2 m Shipping Height 11'4" 3.4 m Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Operating Height	30'	9.1 m
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Shipping Width 8'6" 2.6 m Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Shipping Length	36'9"	11.2 m
Shipping Weight 45,500 lb 20 638 kg Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Shipping Height	11'4"	3.4 m
Grouser Pads 15" 380 mm Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Shipping Width	8'6"	2.6 m
Ground Clearance 16" 406 mm Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Shipping Weight	45,500 lb	20 638 kg
Track Gauge 80" 2032 mm High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Grouser Pads	15"	380 mm
High Tram Speed 2.0 mph 3.2 km/h Low Tram Speed 1.2 mph 1.9 km/h	Ground Clearance	16"	406 mm
Low Tram Speed 1.2 mph 1.9 km/h	Track Gauge	80"	2032 mm
· · · · · · · · · · · · · · · · · · ·	High Tram Speed	2.0 mph	3.2 km/h
Track Oscillation ±10°	Low Tram Speed	1.2 mph	1.9 km/h
	Track Oscillation	±10°	

HPR5128 DRIFTER (D560)				
Output Energy	38 hp	28 kW		
Motor Torque	1,500 lbf-ft	2033 N-m		
Weight	912 lb	414 kg		
Rod Diameters	51 mm			
HPR6030 DRIFTER (D560)				
Output Energy	40 hp	30 kW		
Motor Torque	1,500 lbf-ft	2033 N-m		
Weight	912 lb	414 kg		
Rod Diameters	51 mm/60 mm			
HPR6832 DRIFTER (D560)				
Output Energy	43 hp	32 kW		
Motor Torque	1,500 lbf-ft	2033 N-m		
Weight	912 lb	414 kg		
Rod Diameters	60 mm/68 mm			
HPR5123 DRIFTER (D460)				
Output Energy	31 hp	23 kW		
Motor Torque	1,000 lbf-ft	1356 N-m		
Weight	687 lb	312 kg		
Rod Diameters	45 mm/51 mm			
HPR4519 DRIFTER (D460)				
Output Energy	25 hp	19 kW		
Motor Torque	670 lbf-ft	908 N-m		
Weight	687 lb	312 kg		
Rod Diameters	45 mm			

Sold and serviced exclusively at Caterpillar dealers. 12 month standard warranty. Extended warranty available.