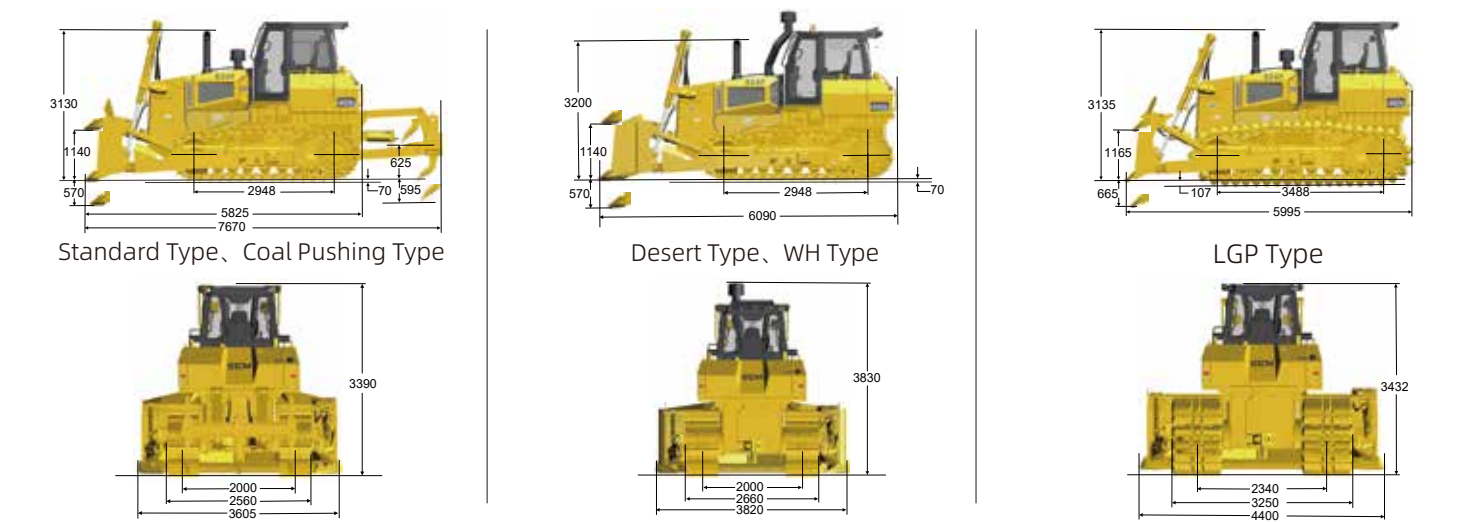


824F

Main Parameters					
Product Model	Standard Type	LGP Type	Coal Pushing Type	Desert Type	WH Type
Operating Weight	23,730 kg	27,580 kg	24,280 kg	26,840 kg	28,000 kg
Ground Pressure	62 kPa	38 kPa	54 kPa	37 kPa	39 kPa
Minimum Ground Clearance	400 mm	400 mm	400 mm	400 mm	400 mm
Climbing Ability	30°	30°	30°	30°	30°
Engine					
Model	WP10HG270E471				
Engine Power (GB/T 17692)	211 kW/283 hp				
Rated Speed	2,200 r/min				
Working Device					
Blade Type	SU Blade/S Blade	LGP S Blade	U Blade Coal Pushing Blade	LGP S Blade	WH Blade
Blade Capacity (ISO 9246)	6.4/5.8 m³	5.5 m³	7.5/9.2 m³	5.5 m³	12.7 m³
Blade Width	3,605/3,700 mm	4,400 mm	3,820 mm	4,400 mm	4,400 mm
Blade Height	1,520/1,510 mm	1,350 mm	1,420/1,620 mm	1,350 mm	1,945 mm
Blade Lifting Height	1,140 mm	1,165 mm	1,140 mm	1,165 mm	1,165 mm
Maximum Cutting Depth of Blade	570 mm	665 mm	570 mm	665 mm	665 mm
Maximum Tilt Angle of Blade	520/540 mm	640 mm	550 mm	640 mm	640 mm
Transmission System					
Type	Hydrostatic Drive				
Travel Speed	Stepless Speed Change 0-10 km/h				
Steering and Braking	Static Hydraulic Steering, Wet Multi-Disc Brake				
Minimum Turning Radius	4,215 mm	4,300 mm	4,500 mm	4,300 mm	4,300 mm
Chassis System					
Track Width	560 mm	915 mm	660 mm	915 mm	915 mm
Number of Track Plates	40	45	40	45	45
Track Ground Contact Length	2,948 mm	3,488 mm	2,948 mm	3,488 mm	3,488 mm
Track Center Distance	2,000 mm	2,340 mm	2,000 mm	2,340 mm	2,340 mm
Number of Supporting Rollers	7	8	7	8	8
Number of Carrier Rollers	2	2	2	2	2



SEM 824F



Product Updates:

Specifications are subject to change without prior notice. Actual products may vary slightly from the sample images. Please refer to the physical product for accuracy.

1 More Efficient

- Equipped with an engine that provides a 12% increase in power for enhanced performance.
- Improved operating efficiency with an 22% power increase in the economy mode.
- Load sensing system combined with constant power control technology automatically adjusts to changing loads, ensuring high operating efficiency while saving fuel consumption.
- Caterpillar modular cooling system designed with a high safety factor, capable of performing under extreme environmental temperatures up to 45°C.
- Optimized blade design and adjustment of the overall center of gravity for enhanced stability and blade maneuverability.
- Wide range of product and blade configurations available to meet various job requirements.



2 More Reliable

- High-quality hydraulic components from renowned brands ensure reliability and durability of the static hydraulic transmission system.
- Strengthened mainframe and integrated undercarriage structure capable of withstanding harsh working conditions.
- Blade designed with a box-type structure and curved plates made of high-strength, wear-resistant materials conforming to Caterpillar 1E standards, suitable for severe working environments with significant abrasion.
- Equipped with a wet brake system for better braking performance and longer service life.

3 More Fuel Efficient

- Electronic forced pressure relief system prevents overheating and reduces fuel consumption.
- Optimized programming enhances engine efficiency by over 50% at low engine speeds.
- Engine automatic idle reduction feature reduces fuel consumption by 20%.



4 More Comfortable

- Spacious cabin with six-way adjustable suspension seat, ensuring comfortable and safe operation with clear visibility of the blade, cutting edge, and rear working device.
- Multi-functional electronic travel joystick and hydraulic pilot joystick for precise and effortless control.
- Standard features include air conditioning, Bluetooth radio for enhanced comfort during operation.
- Equipped with an 8-inch interactive color display panel for real-time monitoring of vehicle status.
- LED headlights are standard, providing better visibility for nighttime operations.

