



700 Series Motor Graders

785



785 Motor Grader

Features include:

- 129 HP Tier 3 CAT Turbo Diesel Engine
- 25,300-pound Static Weight
- Tandem Drive
- 12-foot Sliding Moldboard
- Multi-disc Service Brakes
- Fail Safe Brake System
- Six-speed Powershift Transmission
- 46-inch, Front-mounted Scarifier
- Vandalism Protection Package
- Automatic Engine Shutdown System
- Electronic Gauge Package
- Fully Enclosed Cab

Designed with the Paving Professional in Mind.®

Best in Class

LeeBoy

The Choice for Performance and Value

The 25,300-pound 785 Motor Grader is designed to deliver power, performance and durability at the jobsite. Whether building a road, cutting a ditch, moving snow, or doing site work and fine grading, the LeeBoy 785 delivers a powerful, versatile workhorse. The 785 features operator comfort and safety, easy control and trouble-free operation, as well as productivity and value all in a large motor grader package.



12-foot Sliding Moldboard and Front-mounted Scarifier



Moldboard and Turntable

The 785 Motor Grader has a sliding moldboard with a total sideshift reach of 60" and 32° forward tilt. The heavy-duty, 54" diameter, gear-driven turntable features 23" sideshift with 360° rotation. In addition, the moldboard can be easily maneuvered for bank-angle cuts of 90° or more.

Front-mounted Scarifier

The 46" front-mounted scarifier provides ripping power with a choice of up to 11 ripping teeth. (A 73" rear scarifier with up to 13 ripping teeth option is available.)

Premium Power and Drive Train

Efficient Turbo Engine

LeeBoy has teamed up with Caterpillar to provide an efficient, turbo-charged engine to power the LeeBoy 785 Motor Grader.



PowerShift Transmission

The tandem power drive system provides smooth operation with its Clark heavy-duty, 6-speed power-shift transmission featuring 6 forward and 3 reverse speeds.

Heavy-duty Drive Tandems

The 785 Motor Grader heavy-duty drive tandems are gear-driven (no chains) for enhanced performance and reduced maintenance. The off-road and bogie-style drive system also features differential lock and a multi-disc braking system with fail safe braking.

Articulated Design

LeeBoy's 785 Motor Grader is designed with 20-degree boom articulation in either direction. Articulation—combined with wheel lean, hydraulic power steering and a pressure-compensated pump system—gives the operator a responsive motor grader that is maneuverable with a tight turning radius.



Cab Controls and Hydraulic System



Cab Controls

Industry standard motor grader controls put all functions at the operator's fingertips. The enclosed cab features superior visibility of the work area while protecting the operator.

Hydraulic Pumps

The cool-operating, pressure-compensated, load-sensing proportional hydraulic pump system provides exceptional responsiveness to multiple hydraulic functions.

Configuration Checklist

	785
129 HP Tier 3 CAT Turbo Diesel Engine	✓
Automatic Engine Shutdown System	✓
12-foot Sliding Moldboard	✓
Front-mounted, 46-inch Scarifier	✓
Fully Enclosed, Heated Cab	✓
Vandalism Protection Package	✓
Leaning Wheels	✓
Dual Stage Air Cleaner	✓
Blade Float Control	✓
Operating Light Package	✓
Electronic Gauge Package	✓
Mechanical Suspension Seat	✓
Fail Safe Braking System	✓
Rear-mounted, 73-inch Scarifier	optional
Laser Tracker Controls	optional
Air Conditioner	optional
Front Blade (includes Rear-mounted Scarifier)	optional
Cold Weather Engine Package	optional

Specifications

785 Motor Grader

Engine	Make Performance	CAT Turbo Diesel Engine 129 HP (96.5 kw) @ 2200 Tier 3
Dimensions	Weight Length Width Height with Cab Wheelbase	25,300 lbs (11,476 kg) 27' 1" (8.24 m) 7' 10" (2.4 m) 10' (3.05 m) 17' 4" (5.28 m)
Articulation		40° Total (20° each way)
Speed		0 to 21 mph (33.8 km/hr)
Transmission		Powershift 6 forward and 3 reverse speeds
Tires		(6) 13.00 x 24
Moldboard	Width Height Sideshift (Total) Tilt Lift Above Ground Blade Reach Rotation	12' (3 m) 19" (.5 m) 5' (1.5 m) 32° 14" (.36 m) 24" (.61 m) below grade 360°
Front Scarifier	Width Teeth	46" (1.17 m) Up to 11
Capacities	Fuel Hydraulic	50 gal (189.3 l) 20 gal (75.7 l)

LeeBoy makes continuous improvements to all its products and reserves the right to change specifications without notice. Photos and illustrations may contain standard and optional equipment.

785 Motor Grader-04-10-3K
#13471

LeeBoy

 **VT LeeBoy**
A company of VT Systems

LeeBoy has designed and manufactured superior asphalt paving and grading products since 1964. The LeeBoy brand is well-known for its quality and innovative design. This standard of quality provides contractors with dependable, low maintenance equipment with a high re-sale value.

"LeeBoy is dedicated to providing top quality parts and service support on every unit sold."

Other Members of the LeeBoy Family of Products...



9000 Asphalt Paver



Maximizer 3



CSM-CSH
Chip Spreader

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