



# 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.

# Features and Options

## 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

	<b>785</b>
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

<b>Engine</b>	Make Performance	CAT Turbo Diesel Engine 129 HP (96.5 kw) @ 2200 Tier 3
<b>Dimensions</b>	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)
<b>Articulation</b>		40° Total (20° each way)
<b>Speed</b>		0 to 21 mph (33.8 km/hr)
<b>Transmission</b>		Powershift 6 forward and 3 reverse speeds
<b>Tires</b>		(6) 13.00 x 24
<b>Moldboard</b>	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°
<b>Front Scarifier</b>	Width Teeth	46" (1.17 m) Up to 11
<b>Capacities</b>	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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