

685D Motor Grader

LeeBoy



Designed with the functionality of a large motor grader, the more compact 685D can be used in many versatile and specialized applications including spreading base materials, ditch/shoulder projects, fine grading, medium cutting or even snow removal. The noticeable power provided by a Cummins engine merged with smooth transition and hydrostatic-controlled drive, makes this motor grader an all-around must have on any job site. Whether you decide a cab or canopy suits your needs, you can rest assured your visibility will remain unobstructed.

Performance Features:

- 130 hp (97 kw) Cummins Tier 4 Final Diesel Engine
- 11' (3.35 m) Moldboard
- Moldboard Shifts 3' (.91 m) left or right
- Hydrostatic Transmission, 2-Speed Tandem Axle
- Tandem Drive
- Electronic Gauge Package
- Fail Safe Braking
- ROPS/FOPS Cab or ROPS/FOPS Canopy
- Cushioned, Fully Adjustable Suspension Seat
- Vandalism Protection Package
- Front or Rear Mounted Scarifier Optional



685D Motor Grader Specifications



Dimensions	<ul style="list-style-type: none"> - Length: 22' 3" (.8 m) - Width: 7' 8" (2.33 m) - Height (w/ cab and beacon): 10' 2" (2.9 m) - Wheel base: 16' 1" (4.9 m) - Base weight: 16,000 lbs. (7,257 kg)
Engine	Cummins turbocharged diesel, Tier 4 Final – 130 hp (97 kw)
Capacities	<ul style="list-style-type: none"> - Fuel: 45 gallons (170 l) - Hydraulic reservoir: 30 gallons (114 l)
Moldboard	<ul style="list-style-type: none"> - 11' x 21" x 5/8" (3.35 m x .533 m x 15.87 mm) - Side shift: 3' (.92 m) left or right - Tilt: 30° - Ground clearance: 13" (.33 m) - Penetration: 1' 2" (.36 m) - Rotation: 64°
Drawbar	- 4" x 6" tube (101 mm x 152 mm)
Articulated Frame	- Steel channel, rectangular tubing, articulated 24° in each direction
Turning Radius	- 22' (6.71 m) from center to outside front tire with frame articulated
Traction Drive	<ul style="list-style-type: none"> - Hydrostatic drive, 2-speed tandem axle - Working range: 0 to 10 mph (0 to 16 kph) - Travel range: 0 to 20 mph (0 to 32 kph) - Tandems oscillate a minimum of +/- 15°
Tires	<ul style="list-style-type: none"> - Six 15 x 19.5, TL, G-2 - 8-ply pneumatic tires
Brakes	<ul style="list-style-type: none"> - Foot operated primary and service brakes - Hydrostatic traction drive system includes secondary brakes - Spring apply, hydraulic release parking brakes automatically apply when ignition is in "off" position or if system pressure is lost

Operator's Station	<ul style="list-style-type: none"> - Fully cushioned, adjustable suspension seat - Choice ROPS/FOPS cab or ROPS/FOPS canopy - Cab includes heat, front wiper, front washer and defroster - Two external convex 7.5" (190 mm) diameter side mirrors, single rear view mirror - Display: coolant and hydraulic oil temperature, fuel level, volt meter, tachometer, hour meter, DEF level, percent engine load, engine diagnostics
Operator's Controls	<ul style="list-style-type: none"> - Industry-standard control levers mounted to an adjustable operator's pedestal - Left and right-hand moldboard lift, front attachment lift, moldboard side shift, circle side shift, moldboard tilt, circle turn, articulation, front wheel lean and rear-mount scarifier control
Rear Hitch	- 15-ton, heavy-duty, forged rear pintle hitch
Lighting	<ul style="list-style-type: none"> - Two rear working lights - Two front moldboard lights - Two front headlights, signals, flashers - Two rear tail lights, signals - Amber strobe beacon
Optional Equipment	<ul style="list-style-type: none"> - All-wheel drive - Air conditioning (cab only) - Front-mounted V-bar scarifier, includes blade float control - Rear-mounted scarifier - 8' (2.43 m) front blade, includes blade float control - Front blade mounted flip-down 4 shank scarifier - Dead engine steering - Cold weather engine package - Rear wiper and washer (cab only) - 12' (3.65 m) moldboard - Circle side shift - Radio/CD/speaker (cab only) - Back-up/reverse camera with color display



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