685D Motor Grader

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' Moldboard
- Moldboard Shifts 3' 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	- Length: 22’ 3” - Width: 7’ 8” - Height (w/ cab and beacon): 10’ 2” - Wheel base: 16’ 1” - Base weight: 16,000 lbs.
Engine	Cummins turbocharged diesel, Tier 4 Final – 130 hp
Capacities	- Fuel: 45 gallons - Hydraulic reservoir: 30 gallons
Moldboard	- 11’ x 21” x 5/8” - Side shift: 3’ left or right - Tilt: 30º - Ground clearance: 13” - Penetration: 1’ 2” - Rotation: 64º
Drawbar	- 4” x 6” x 0.5” tube
Articulated Frame	- Steel channel, rectangular tubing, articulated 24º in each direction
Turning Radius	- 22’ from center to outside front tire with frame articulated
Traction Drive	- Hydrostatic drive, 2-speed tandem axle - Working range: 0 to 10 mp - Travel range: 0 to 20 mph - Tandems oscillate a minimum of +/- 15º
Tires	- Six 15 x 19.5, TL, G-2 - 8-ply pneumatic tires
Brakes	- 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
Rear Hitch	- 15-ton, heavy-duty, forged rear pintle hitch
Operator’s Station	- Fully cushioned, adjustable suspension seat - Adjustable operator’s pedestal - Choice ROPS/FOPS cab or ROPS/FOPS canopy - Cab includes heat, front wiper, front washer and defroster - Two external convex 7.5” diameter side mirrors, single rear view mirror - Color display with digital readouts: coolant and hydraulic oil temperature, fuel level, volt meter, tachometer, hour meter, DEF level, percent engine load, engine diagnostics
Operator’s Controls	- 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
Lighting	- Two rear LED working lights - Two front LED moldboard lights - Two front headlights, signals, flashers - Two rear LED tail lights, signals - Amber LED strobe beacon
Additional Standard Equipment:	- Back-up alarm - High temperature, low oil pressure shut down - Horn - Slow moving vehicle sign - 12V DC power outlet - Mounting provisions for Topcon control system sensors
Optional Equipment	- All-wheel drive - Air conditioning (cab only) - Front-mounted V-bar scarifier, includes float control - Rear-mounted scarifier, 9 ripper shanks w/ teeth - 8’ x 16” front blade, includes blade float control - Front blade mounted flip-down 4 shank scarifier - 8’ x 30” front dozer blade, includes blade float control - Dead engine steering - Cold weather engine package - Rear wiper and washer (cab only) - 10’ moldboard - 12’ moldboard - Circle side shift - Radio/Bluetooth speakers with remote - Back-up/reverse camera with color display - Topcon ready options

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695B Motor Grader

The 695B provides precise performance and ruggedness in a time-tested design. Delivering exceptional 360 degree views and heightened visibility to the cutting edge, while operating this motor grader, you will also notice profound performance marked by ergonomic controls, industry-leading hydraulic responsiveness and electronic gauge package. Featuring ten spool fully adjustable controls, the 695B can be used for various grader operations all while remaining in the comfortable heated and cooled cab.

Performance Features:

- 130 hp (97 kw) Cummins Tier 4 Final Diesel Engine
- 11' Moldboard
- Moldboard Shifts 3' 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

695B Motor Grader Specifications

Dimensions	- Length: 22’ 3” - Width: 7’ 8” - Height (w/ cab and beacon): 10’ 2” - Wheel base: 16’ 1” - Base weight: 16,000 lbs.
Engine	Cummins turbocharged diesel, Tier 4 Final – 130 hp
Capacities	- Fuel: 45 gallons - Hydraulic reservoir: 30 gallons
Moldboard	- 11’ x 21” x 5/8” - Side shift: 3’ left or right - Tilt: 30º - Ground clearance: 13” - Penetration: 1’ 2” - Rotation: 64º
Drawbar	- 4” x 6” x 0.5” tube
Articulated Frame	- Steel channel, rectangular tubing, articulated 24º in each direction
Turning Radius	- 22’ from center to outside front tire with frame articulated
Traction Drive	- Hydrostatic drive, 2-speed tandem axle - Working range: 0 to 10 mph - Travel range: 0 to 20 mph - Tandems oscillate a minimum of +/- 15º
Tires	- Six 15 x 19.5, TL, G-2 - 8-ply pneumatic tires
Brakes	- 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
Rear Hitch	- 15-ton, heavy-duty, forged rear pintle hitch
Operator’s Station	- Fully cushioned, adjustable suspension seat - Adjustable operator’s pedestal - Choice ROPS/FOPS cab or ROPS/FOPS canopy
Operator’s Controls	- Cab includes air conditioning, heat, front and rear wiper, washer, defroster and radio/CD with speakers - Two external convex 7.5” diameter side mirrors, single rear view mirror - Color display with digital readouts: coolant and hydraulic oil temperature, fuel level, volt meter, tachometer, hour meter, DEF level, percent engine load, engine diagnostics - Industry-standard control levers mounted to an adjustable operator’s pedestal
Lighting	- 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 - Two rear LED working lights - Two front LED moldboard lights
Additional Standard Equipment:	- Two front headlights, signals, flashers - Two rear tail lights, signals - Amber LED strobe beacon - Back-up alarm - High temperature, low oil pressure shut down
Optional Equipment	- Horn - Slow moving vehicle sign - 12V DC power outlet - Mounting provisions for Topcon control system sensors - All-wheel drive - Cold weather engine package - Rear-mounted scarifier, includes 9 ripper shanks with teeth - 8’ x 16” front blade, inlcudes blade float control - Front blade mounted flip-down 4 shank scarifier - 8’ X 30” front dozer blade, includes blade float control - Front-mounted V-bar scarifier, includes float control - 10’ moldboard - 12’ moldboard - Foot throttle - F-N-R pedal - Dead engine steering - Back-up/reverse camera with in cab color display - Circle side shift - Topcon ready options

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