Grader

G140 | G160 | G200

6x4

6x6

Stage IIIA
Certified

BELL

Grade with confidence...

The power to shape the future of motor graders

With over twenty years of experience distributing, maintaining, and repairing motor graders, along with insights from local and international experts, Bell has a clear understanding of what is important to make this product work optimally.

While preserving a familiar control and layout, Bell has integrated advanced components and features that enable operators to improve productivity, manage costs, and deliver work efficiently.

With three base models, each available in four- or six-wheel drive configurations, Bell has a solution whatever your application.

- The G140: Ideal for maintenance and light to medium construction tasks.
- The G160: Designed for heavy construction with increased power and performance.
- The G200: Perfect for bulk earthworks and mining applications.

G140 6X6

G160

G200

Making the grade...

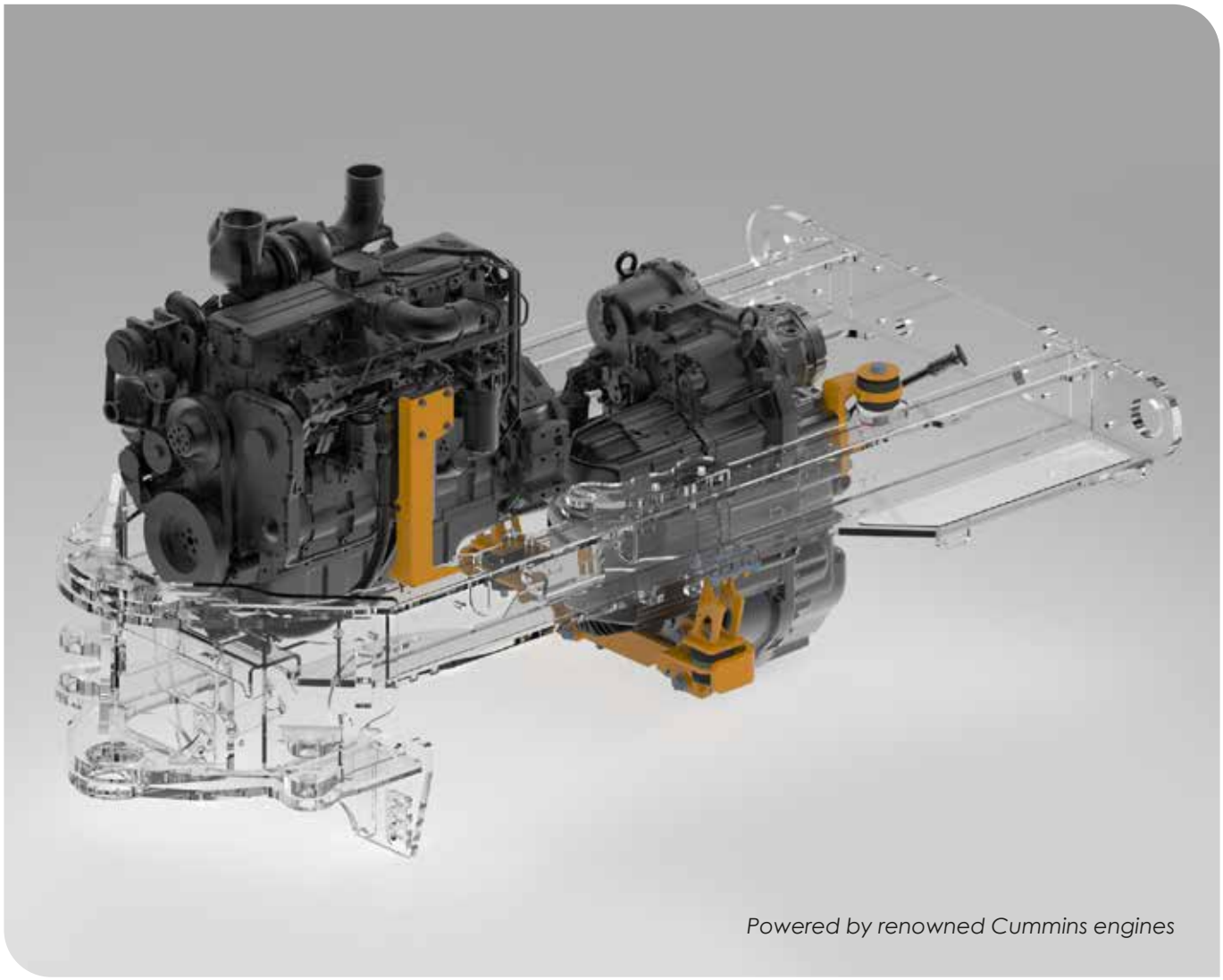
Combining power and efficiency

Enjoy an enhanced operator experience with minimised distractions thanks to seamless power delivery, allowing full focus on grading tasks.

Bell Graders feature VGT turbochargers, High-Pressure Common Rail (HPCR) fuel systems, and Single Module aftertreatment for maximum efficiency and durability.

Each model is equipped with a ZF transmission specifically designed to enhance its capabilities—the G140 features the ZF Ergopower Automatic, while the G160 and G200 are fitted with the advanced ZF cPower hydro-mechanical transmission.

These transmissions ensure smooth, continuous power delivery across all conditions, optimizing drivetrain efficiency and enhancing the operator experience by minimizing distractions and improving overall performance.



Powered by renowned Cummins engines

Effortless direction change

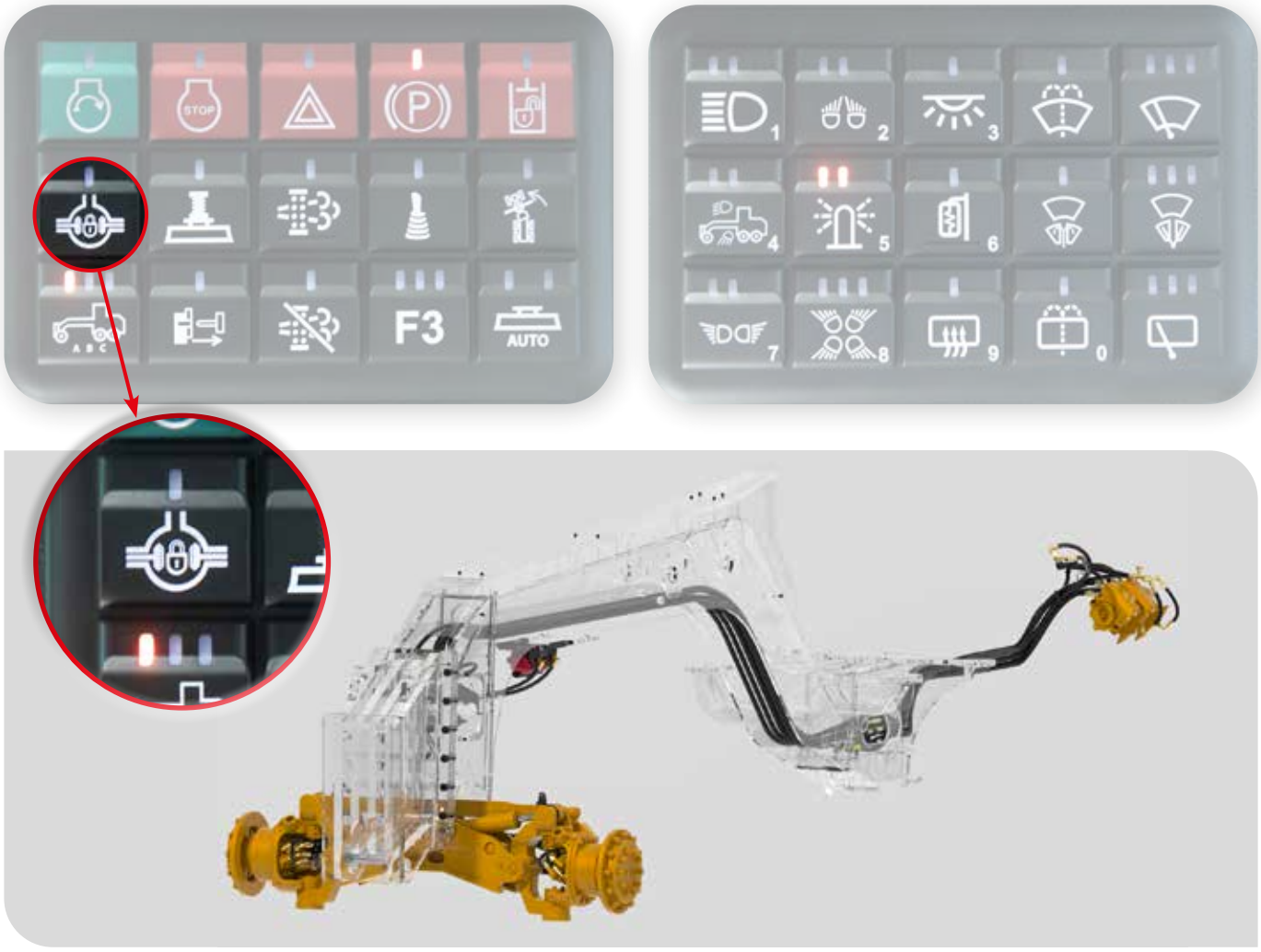
The shuttle shift feature on these transmissions eliminates the need for an inching pedal. This allows operators to switch seamlessly between forward and reverse gears with just a press of a button for reduced operator fatigue and enhanced productivity.

Superior control and accuracy

Set a maximum speed for the grader to prevent accidental speeding. Use cruise control to maintain a constant travel speed to reduce operator fatigue, especially during long passes.

Traction when you need it

The auto disengagement of the diff lock and 6WD ensures traction when you need it and provides protection to the machine when you don't.



Ultimate operator comfort and control

The Bell Motor Grader is designed with ultimate operator comfort in mind, ensuring reduced fatigue and increased productivity. With ergonomically engineered controls and exceptional visibility, operators can work with ease and confidence

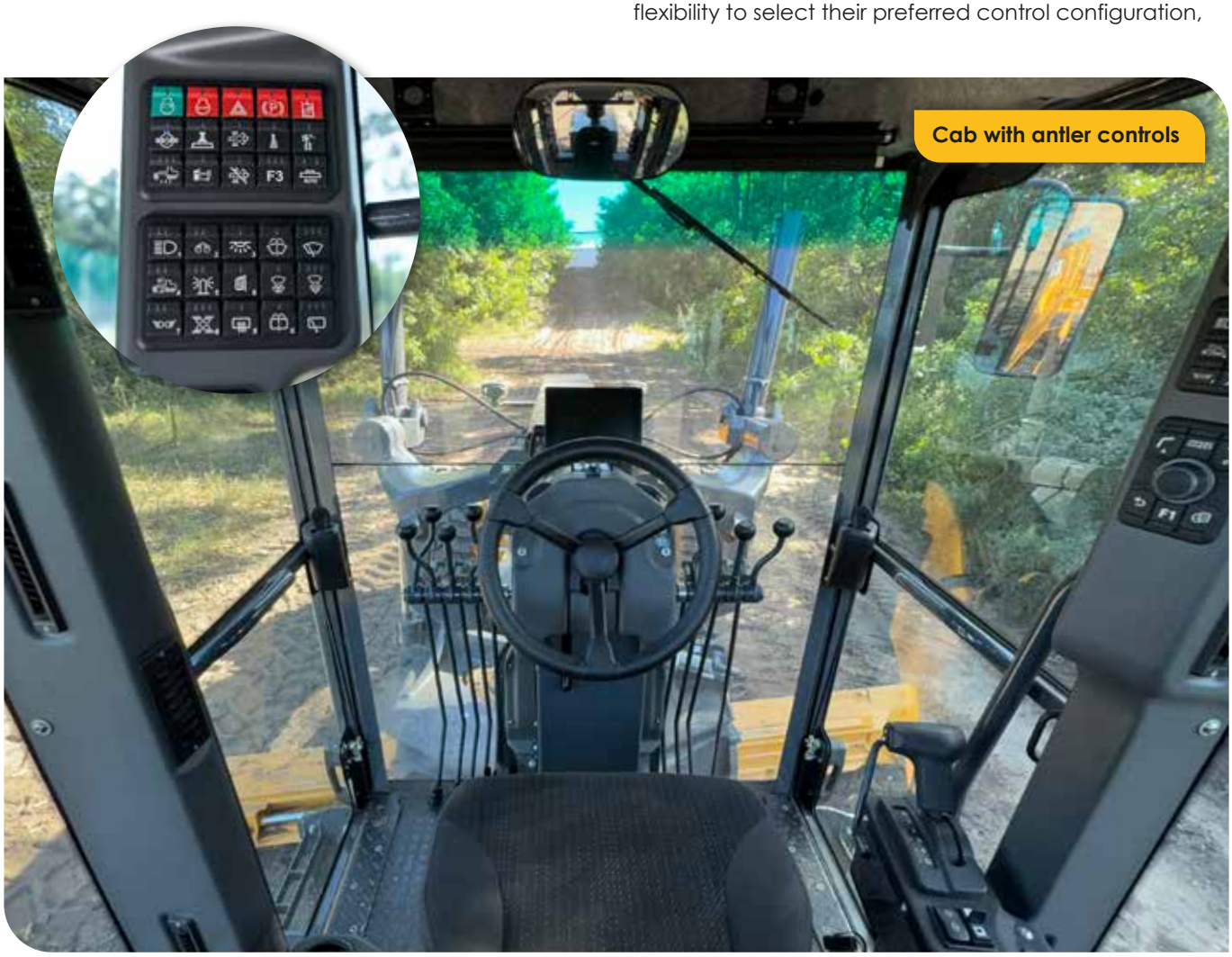
Inside the cabin

The large ROPS/FOPS certified cab caters for operator protection and provides unobstructed visibility and climate-controlled comfort.

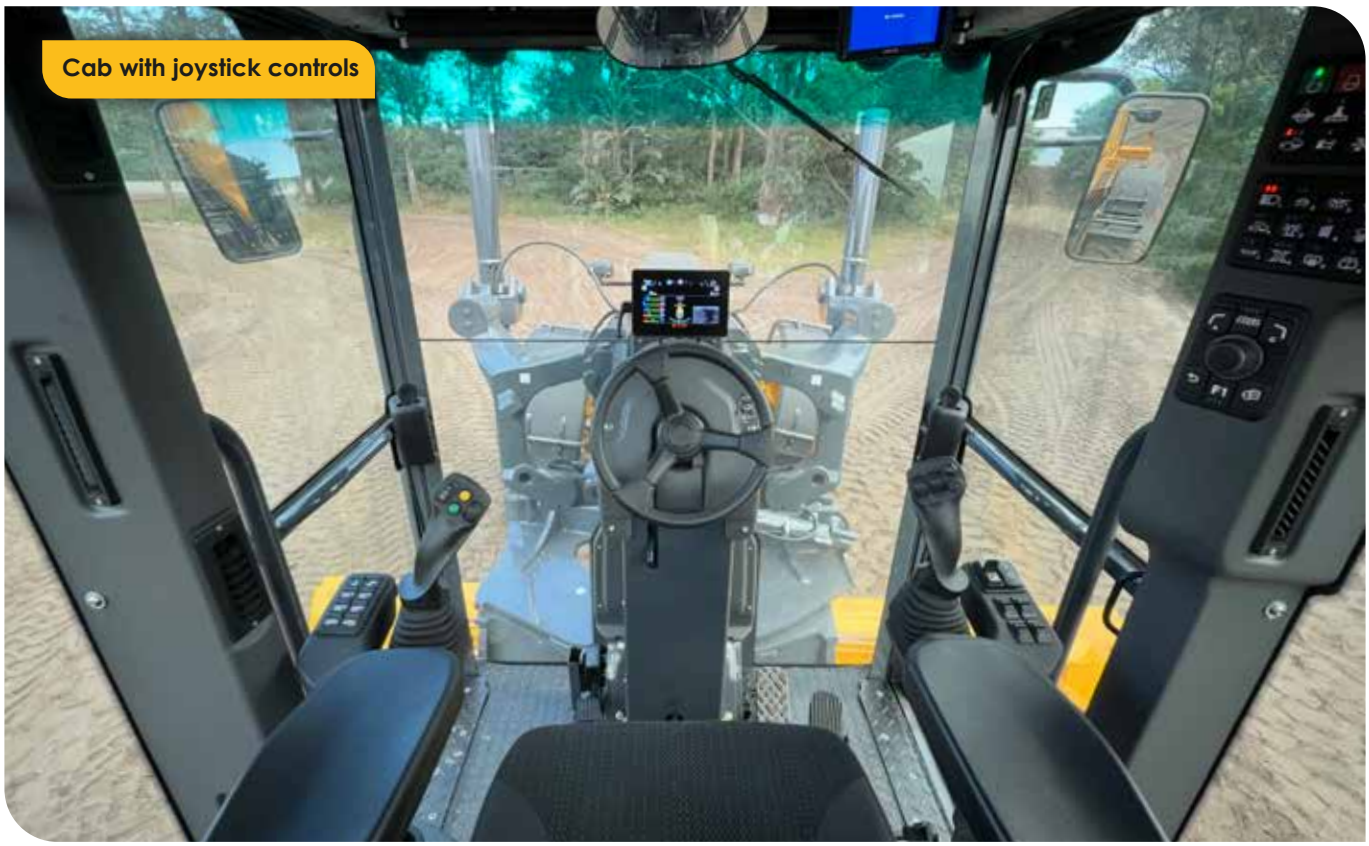
Control is always crucial on motor graders and the Bell range has intuitive controls with a 30-button sealed switch module (SSM), and a sealed 6WD selection controller for applicable models.

The 7" colour display is multifunctional for monitoring machine operation, including diagnostics and easily navigated using the automotive mouse (B-drive).

Control Options to Suit Every Operator
The Bell Motor Grader range offers operators the flexibility to select their preferred control configuration,



Cab with antler controls


Cab with joystick controls

with the option of traditional Antler controls or advanced Joystick controls. This allows for alignment with operator familiarity and comfort, whether favouring antler controls or joystick controls, ultimately enhancing productivity on the job.

Clear vision
The operator's superior visibility of the drawbar, pavement/curb and front tyre pegs is a clear competitive advantage that helps to improve accuracy, enable precise alignment with minimal material waste, and reduce potential hazards.

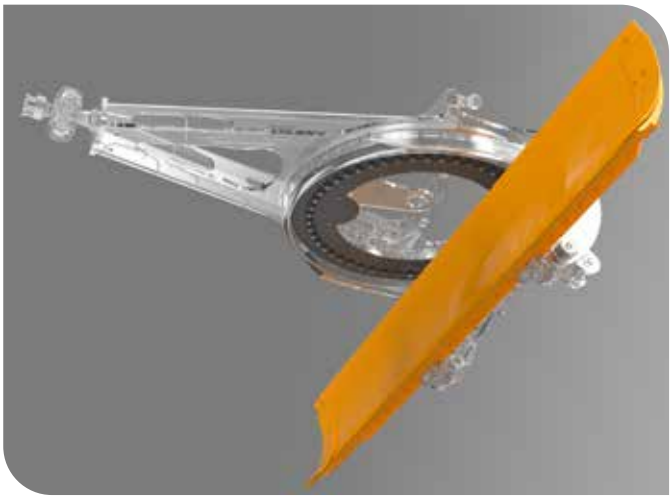
Suspension seat
A fully adjustable air suspension seat with variable damping, auto height adjust according to operator weight, pneumatic lumbar support and multipoint harness for class-leading comfort and safety.

Intuitive controls
The advanced speed control allows precise control for optimal grading performance.

An analogue high-definition (AHD) camera system affords enhanced situational awareness ensuring clear visibility through the 7" monitor.

Built for the toughest challenges

The Bell Motor Grader is engineered to excel in the most demanding conditions, delivering unmatched durability, power, and precision. With a robust frame, high-performance hydraulics, and advanced technology for superior control, it ensures optimal grading efficiency on any terrain. Whether tackling heavy-duty construction, mining, or road maintenance, this machine is built to withstand the toughest challenges while maximizing productivity and uptime.



Precision circle
A sealed slew bearing is standard across the range to maintain precision. It delivers consistent Moldboard accuracy due to minimal wear and requires less maintenance compared to open gear designs. Furthermore, adjustable Moldboard inserts can be adjusted in five minutes and are designed to maximise the life of the wear inserts.

Blade impact absorption accumulator (optional)
This innovative system acts like a shock absorber, minimising the impact on the blade during accidental contact with curbs, rocks, or other obstacles.

Parallelogram design ripper
The parallelogram design of the two-cylinder, cantilevered ripper maintains an efficient ripping angle regardless of depth. The consistent tooth angle ensures optimal performance throughout the working range. The tilting ripper beam provides a better departure angle when retracted, and the high lift design improves transport clearance.

Tandem axle
The tandem axle is designed with long distance operation in mind. This is supported by enhanced trunnion bearing life and integrated axle cooling for extended brake life.

The main frame
The main frame is a single piece construction built to eliminate fatigue on fabricated joints.

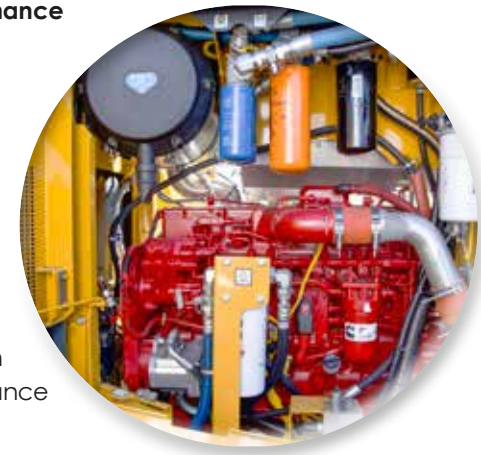
Engineered to suit your application

Bell Motor Grader offers advanced design features that give operators maximum control and flexibility to tackle a variety of tasks with precision. Whether it's adjusting blade positioning for fine grading, enhancing maneuverability in tight spaces, or maintaining alignment on uneven surfaces, the grader's adaptable functionality ensures performance is tailored to your needs.

Two position drawbar
The two mounting positions allow you to adjust the drawbar height depending on the tyre size. This ensures the drawbar remains level, preventing the Moldboard corners from digging or lifting as you rotate the circle during grading.

The Cooling package
The coolers are housed in a box design, ensuring easy cleaning and enhanced cooling efficiency with no stacked coolers. The cool-on-demand reversible fan is self-cleaning, minimizing daily maintenance. It also operates with reduced noise and improved fuel efficiency.

Fast, Easy maintenance
All filters and oil sample points are conveniently grouped on one side of the machine for easy access from ground level through a single door, which reduces maintenance time and effort.



Enhanced Maneuverability
The front wheels can lean left or right, enhancing traction and stability on slopes or tough surfaces. This feature reduces side pull, ensuring precise and efficient grading. The crab walk feature allows the grader's front and rear wheels steer in the same direction, allowing diagonal movement without changing orientation. This is especially useful when working around windrows, ensuring continuous grading without disturbing material placement.

Machine features...

HYDRAULIC FLOW
Increased pump capacity improves efficiency of the various functions at lower Engine RPMs

ZF TRANSMISSION AND CUMMINS ENGINE for a combination of fuel-saving technology, low maintenance, and increased reliability

COOL ON DEMAND
Efficient engine and hydraulic cooling is maintained through proportional fan speeds and the automatic reverse

SHUTTLE SHIFT
Smooth and fast changes between forward and reverse without the need to stop the vehicle or engage the inching function.

CANTILEVERED RIPPER
This design maintains the tines at the most efficient ripping angle, ensuring effective performance regardsless of the ripping depth.

TANDEM AXLE
Designed for long distance roading with larger trunnion bearing and integrated axle cooling

AUTO DIFF LOCK
It disengages and re-engages automatically without the operator's interference.

PRECISION CIRCLE
The design ensures enhanced grading accuracy and reduces wear and complex maintenance.

CAB EXPERIENCE

Best-in-class ROPS/FOPS certified cab with superior ergonomics and excellent visibility of the blade and front wheels.

GOOSENECK STRUCTURE

The single piece gooseneck design offers improved durability with no joint in the middle of the chassis.

6WD Wheel Adaptor

The Bell 6 WD (wheel-drive) Motor Graders have a wheel adaptor that allows you to use the same wheel-rims on both the front and rear axles of the grader, regardless of whether it is a 4WD or 6WD configuration.

6WD

Provides better traction in challenging terrain and additional pushing power for moving heavy loads.

G140 SPECIFICATIONS

ENGINE	6x4	6x6
MANUFACTURER AND MODEL	Cummins QSB6.7	
EMISSIONS LEVEL	Stage 3A	
NUMBER OF CYLINDERS	6	
DISPLACEMENT	6,7 L (409 cu. in.)	
ENGINE OUTPUT - Nett	179 kW (240 hp)	
PEAK ENGINE TORQUE	990 Nm (730 lb.ft) @ 1 500 rpm	
TORQUE RISE	22%	
NET ENGINE POWER		
Gear 1	135 kW (181 hp)	
Gear 2	141 kW (189 hp)	
Gear 3	142 kW (190 hp)	
Gear 4	148 kW (198 hp)	
Gear 5	152 kW (204 hp)	
Gear 6	179 kW (240 hp)	
Reverse Gear 1	179 kW (240 hp)	
Reverse Gear 2	179 kW (240 hp)	
Reverse Gear 3	179 kW (240 hp)	

DRIVETRAIN	**6x4**	**6x6**
MANUFACTURER & MODEL	ZF 6WG210	
TRANSMISSION TYPE	Automatic Powershift	
NUMBER OF SPEEDS: Forward	6	
NUMBER OF SPEEDS: Reverse	3	
FRONT AXLE	Heavy duty welded fabrication with integrated lean bar lock	
FINAL DRIVES	Inboard-mounted planetary reduction, sealed in cooled, filtered oil.	
BRAKES	Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled & filtered oil. Both independent systems effective on all 4 tandem wheels.	
PRIMARY AND SECONDARY BRAKES	Hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450 compliant).	
PARK BRAKE	Automatically spring applied, hydraulically released disc brake (ISO 3450).	
FRONT AXLE OSCILLATION (Total)	32 deg.	
FRONT WHEEL LEAN	20 deg.	
DIFFERENTIAL	Spiral bevel gear system, hydraulically actuated with a clutch-type mechanism, allowing differential lock engagement while the machine is in motion. It can be applied in both manual and automatic differential lock modes.	
TANDEM AXLE OSCILLATION (Total)	30 deg.	
STEERING	The motor grader features hydraulic frame articulation for enhanced maneuverability and productivity, while crab steering minimizes side drift, positions tandems on stable ground, and improves side-slope stability	
TYRE SIZE - Standard	17.5R25	
SERVICE BRAKE TYPE	Multiple Wet Discs	
SERVICE BRAKE ACTUATION	Hydraulic	
GROUND CLEARANCE FRONT AXLE	546 mm (21.5 in.)	

G140 SPECIFICATIONS

PERFORMANCE	6x4	6x6
SPEED		
Forward Gear 1	5,1 kph (3 mph)	
Forward Gear 2	7,9 kph (5 mph)	
Forward Gear 3	13,1 kph (8 mph)	
Forward Gear 4	20,1 kph (12 mph)	
Forward Gear 5	30,9 kph (19 mph)	
Forward Gear 6	45 kph (28 mph)	
Reverse Gear 1	5,5 kph (3 mph)	
Reverse Gear 2	13,8 kph (9 mph)	
Reverse Gear 3	32,6 kph (20 mph)	
Top Speed Forward	45 kph (28 mph)	
Top Speed Reverse	32,6 kph (20 mph)	

6-WHEEL DRIVE	6x4	6x6
FRONT WHEEL DRIVE		Yes
DESCRIPTION		A hydrostatic drive to improve vehicle traction and benefit control of the front wheels. The system can be activated electronically in realtime whilst operating. It consists of independent left/right circuits, utilising variable displacement pumps coupled to auto-shifting two speed motors. When not active the circuits use an efficient freewheeling mode. The system enables inching mode as well as precision mode (a front wheel only drive mode).
PUMPS		Danfoss
PUMP DISPLACEMENT		53 cm3 (3.2 cu. in.)
FRONT WHEEL MOTORS		Poclain
MOTOR DISPLACEMENT		2 238 cm3 (137 cu. in.)
REDUCTION		None
6WD Max Speed		30 kph (19 mph)
PRECISION MODE MAX SPEED		10 kph (6 mph)

HYDRAULICS	6x4	6x6
TYPE	Variable displacement axial piston pump	
PUMP DISPLACEMENT	100 cc / rev	
PUMP FLOW, L / min (US-Gallons / min)	220 L / min (58 gal / min)	
RELIEF PRESSURE	18 961 kPa (2 750 Psi)	

KINEMATICS	6x4	6x6
CIRCLE SIDE SHIFT	789 mm (31 in.)	
FRAME CIRCLE DIAMETER	1 500 mm (59 in.)	
CIRCLE DRIVE	Hydraulic geroller motor driving a reduction worm box with overload wetplate clutch.	
CIRCLE TYPE	Precision Circle: Sealed and lubricated slewing bearing, requiring no adjustment. Mounted between the drawbar and circleframe, which are welded and machined structures.	
CIRCLE ROTATION	360 deg.	
STEERING ANGLE, DEG	48 deg.	
TURNING RADIUS - MINIMUM	7,22 m (23 ft. 8 in.)	
FRAME ARTICULATION (EACH WAY)	22 deg.	

G140 SPECIFICATIONS

CAPACITIES	6x4	6x6
FUEL TANK (Refilling capacity)	400 L (106 US gal.)	
HYDRAULIC TANK (Refilling Capacity)	68,75 L (18 US gal.)	
COOLING SYSTEM	35 L (9 US gal.)	
ENGINE OIL WITH FILTER	15 L (4 US gal.)	
TRANSMISSION FLUID	33 L (9 US gal.)	
DIFF HOUSING	32 L (8 US gal.)	
TANDEM HOUSINGS	158 L (42 US gal.)	
CIRCLE GEARBOX	5 L (1 US gal.)	

MOLDBOARD / BLADE	6x4	6x6
DESCRIPTION	High strength welded construction, using wear resistant high carbon steel materials. Underlays/overlays & cutting edges can exchanged left to right. Moldboard bronze guides are easily replaceable and adjustable for precision.	
WIDTH - Moldboard	4 270 mm (14 ft. 0 in.)	
MOLDBOARD HEIGHT	610 mm (24 in.)	
THICKNESS - Moldboard	20/25 mm combination	
MOLDBOARD SIDESHIFT - Right	685,5 mm (27 in.)	
MOLDBOARD SIDESHIFT - Left	685,5 mm (27 in.)	
SHOULDER REACH	2 287 mm (7 ft. 6 in.)	
HYDRAULIC BLADE TIP - Forward	42 deg.	
HYDRAULIC BLADE TIP - Rearward	5 deg.	
MOLDBOARD - Lift Above Ground	490 mm (19.3 in.)	
MOLDBOARD ARC RADIUS	426 mm (16.8 in.)	
THROAT CLEARANCE	111 mm (4.4 in.)	
BANK ANGLE	90 deg.	
DRAWBAR (DRAFT FRAME) Description	Welded box construction machined for flatness with variable height double ball-and-socket pivot connection	
BLADE DOWN FORCE AT MAX WEIGHT	12 011 kg (26 480 lbs)	11 790 kg (25 992 lbs)
BLADE DOWN FORCE AT NORMAL WEIGHT	10 249 kg (22 595 lbs)	10 774 kg (23 753 lbs)
BLADE DOWN FORCE AT BASE WEIGHT	8 343 kg (18 393 lbs)	8 868 kg (19 551 lbs)
BLADE PULL AT MAX WEIGHT	14 637 kg (32 270 lbs)	20 520 kg (45 239 lbs)
BLADE PULL AT NORMAL WEIGHT	13 667 kg (30 131 lbs)	19 781 kg (43 610 lbs)
BLADE PULL AT BASE WEIGHT	11 947 kg (26 338 lbs)	17 191 kg (37 899 lbs)

CUTTING EDGE	6x4	6x6
DESCRIPTION	Through hardened Boron steel edge	
THICKNESS	19 mm (0.7 in.)	
WIDTH	203 mm (8 in.)	

G140 SPECIFICATIONS

ELECTRICAL	6x4	6x6
SYSTEM VOLTAGE	24 V	
NUMBER OF BATTERIES	2	
BATTERY CAPACITY	1 350 CCA	
RESERVE CAPACITY	400 min.	
AMP HOUR RATING	230 amp-hour	
ALTERNATOR RATING	120 amp	
NUMBER OF LED WORKLIGHTS		
Grading Option	4	
Delux Option	8	
Engine Bay - Standard	3	

WEIGHTS	6x4	6x6
GROSS VEHICLE WEIGHT - BASE - Front Axle	5 137 kg (11 325 lbs)	5 385 kg (11 872 lbs)
GROSS VEHICLE WEIGHT - BASE - Rear Axle	13 274 kg (29 264 lbs)	13 716 kg (30 239 lbs)
OPERATING WEIGHT	18 411 kg (40 589 lbs)	19 101 kg (42 110 lbs)
GROSS VEHICLE WEIGHT - TYPICAL - Front Axle	6 103 kg (13 455 lbs)	6 351 kg (14 002 lbs)
GROSS VEHICLE WEIGHT - TYPICAL - Rear Axle	15 186 kg (33 479 lbs)	15 628 kg (34 454 lbs)
WEIGHT WITH PUSH BLOCK & RIPPER	21 289 kg (46 934 lbs)	21 979 kg (48 455 lbs)
GROSS VEHICLE WEIGHT - Maximum - Front Axle	6 536 kg (14 410 lbs)	6 588 kg (14 525 lbs)
GROSS VEHICLE WEIGHT - Maximum - Rear Axle	16 264 kg (35 856 lbs)	16 212 kg (35 741 lbs)
OPERATING WEIGHT - MAX	22 800 kg (50 265 lbs)	

MID SCARIFIER	6x4	6x6
TYPE	Radial arm linkage with maintenance free bearings and underslung lift cylinder and hydraulic float. V-type scarifier beam with 3 pitch angle positions.	
WIDTH OF CUT	1 188 mm (46.8 in.)	
NUMBER OF SHANKS/TEETH	11	
LIFT ABOVE GROUND	300 mm (11,8 in.)	
MAX DEPTH	241 mm (9,5 in.)	
SHANK SPACING	114 mm (4,5 in.)	
SHANK SIZE	27.5 x 78 mm (1 x 3 in.)	

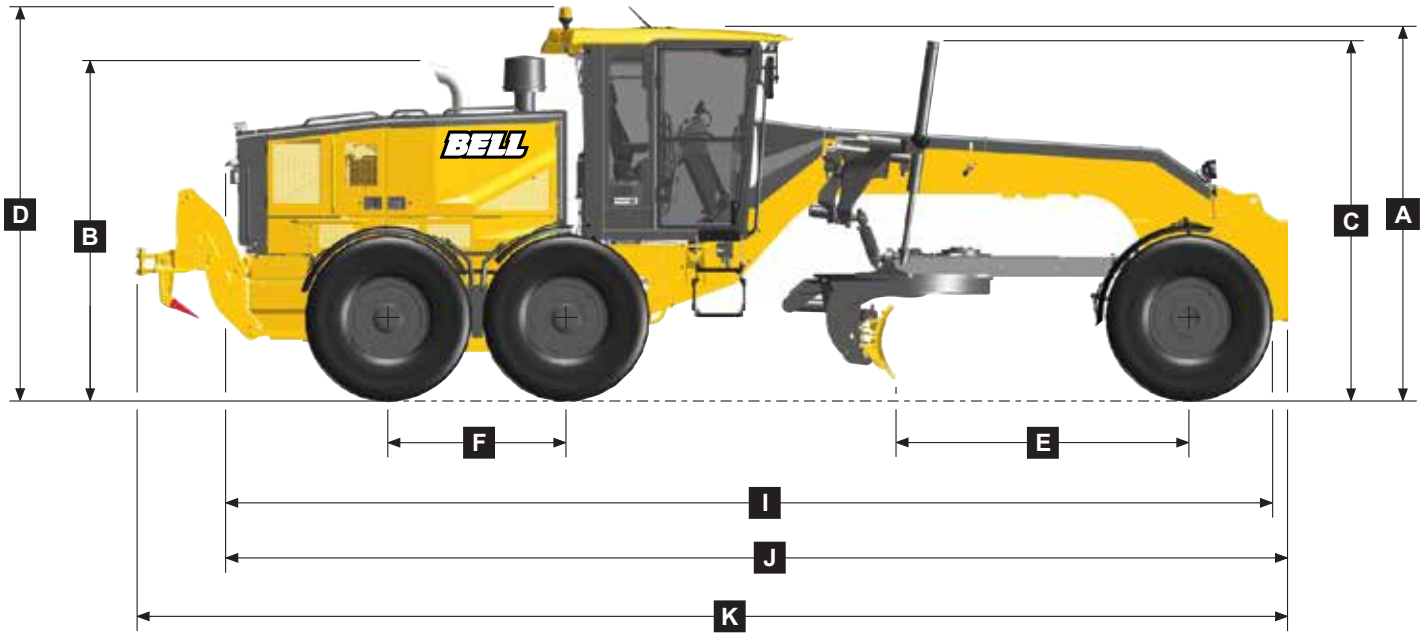
G140 SPECIFICATIONS

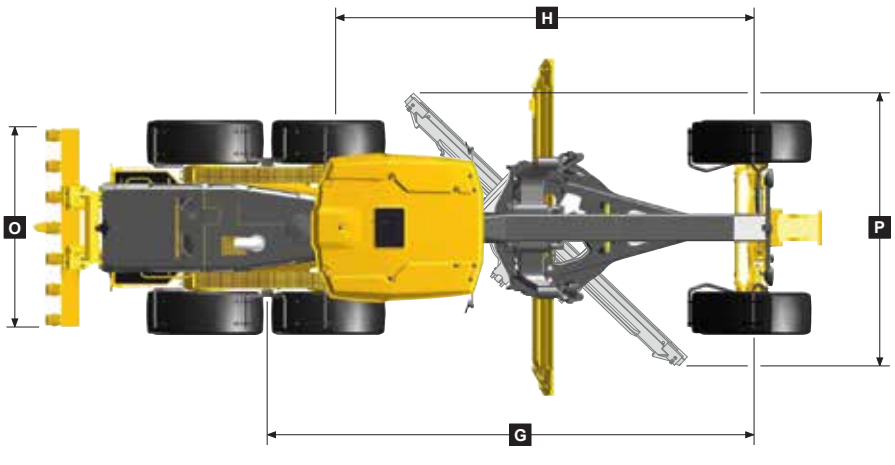
REAR RIPPER & SCARIFIER	6x4	6x6
DESCRIPTION	Parallel linkage, with maintenance free bearings, hydraulic float, and integrated tow hitch	
WIDTH OF CUT		
Ripper	2 300 mm (7 ft. 6 in.)	
Scarifier	2 300 mm (7 ft. 6 in.)	
MAX NUMBER OF SHANKS/TEETH		
Ripper	5	
Scarifier	9	
LIFT ABOVE GROUND		
Ripper	645 mm (25,4 in.)	
Scarifier	815 mm (32,1 in.)	
MAXIMUM DEPTH		
Ripper	370 mm (14,6 in.)	
Scarifier	240 mm (9,4 in.)	
RIPPER PRY-OUT FORCE (HYDRAULIC LIMIT)	25 500 kg (56 218 lbs)	
RIPPER PENETRATION FORCE (HYDRAULIC LIMIT)	9 268 kg (20 432 lbs)	
SHANK SIZE		
Ripper	58 x 137 mm (2.3 x 5.3 in.)	
Scarifier	27,5 x 78 mm (1.1 x 3.1 in.)	

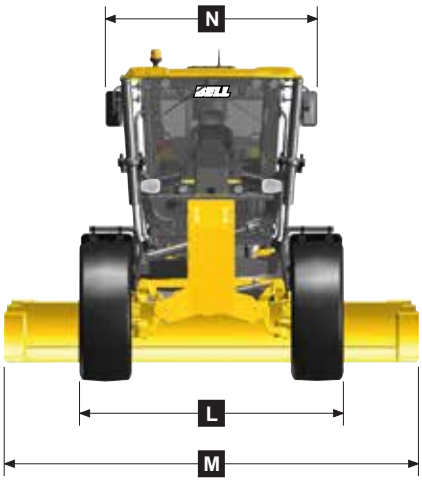
CAB	6x4	6x6
DESCRIPTION	Steel cab frame with GRP roof	
ROPS/FOPS	Yes (ROPS ISO 3471:2008 / FOPS ISO 3449:2005)	

G140 SPECIFICATIONS

MACHINE DIMENSIONS			
A	Height-Cab	3 211 mm	(10 ft. 6 in.)
B	Height-Exhaust-T3A	2 861 mm	(9 ft. 5 in.)
C	Height-Blade Lift Cylinders	2 960 mm	(9 ft. 9 in.)
D	Height-Beacon Light	3 383 mm	(11 ft. 1 in.)
E	Front Axle Centre to Blade	2 580 mm	(8 ft. 6 in.)
F	Tandem Axle Wheel Centres	1 567 mm	(5 ft. 2 in.)
G	Front Axle Centre to Tandem Axle Pivot	6 272 mm	(20 ft. 7 in.)
H	Front Axle Centre to Artic Centre	5 392 mm	(17 ft. 8 in.)
I	Length-Overall w/o Pushblock/Ripper	9 165 mm	(30 ft. 1 in.)
J	Length-Overall with Pushblock	9 353 mm	(30 ft. 8 in.)
K	Length-Overall with Pushblock and Ripper	10 138 mm	(33 ft. 3 in.)
L	Width over Tyre 17,5 R25 (Std G140/G160)	2 634 mm	(8 ft. 8 in.)
M	Width over Blade-14 ft. (Std G140/G160)	4 273 mm	(14 ft.)
N	Width over Mirrors-Operating Position	2 212 mm	(7 ft. 3 in.)
O	Width over Ripper	2 300 mm	(7 ft. 7 in.)
P	Width Transport Position - 14 ft. Blade	2 970 mm	(9 ft. 9 in.)







G160 SPECIFICATIONS

ENGINE	6x4	6x6
MANUFACTURER AND MODEL	Cummins QSL9	
EMISSIONS LEVEL	Stage 3A	
NUMBER OF CYLINDERS	6	
DISPLACEMENT	9 L (543 cu. in.)	
ENGINE OUTPUT - Nett	209 kW (280 hp)	229 kW (307 hp)
PEAK ENGINE TORQUE	1 424 Nm (1 050 lb.ft) @ 1 300 rpm	
TORQUE RISE	15%	
NET ENGINE POWER		
Gear 1	209 kW (280 hp)	229 kW (307 hp)
Gear 2	209 kW (280 hp)	229 kW (307 hp)
Gear 3	209 kW (280 hp)	229 kW (307 hp)
Gear 4	209 kW (280 hp)	229 kW (307 hp)
Gear D	209 kW (280 hp)	229 kW (307 hp)
Reverse Gear 1	209 kW (280 hp)	229 kW (307 hp)
Reverse Gear 2	209 kW (280 hp)	229 kW (307 hp)
Reverse Gear 3	209 kW (280 hp)	229 kW (307 hp)
Reverse Gear 4	209 kW (280 hp)	229 kW (307 hp)
Reverse Gear D	209 kW (307 hp)	229 kW (307 hp)

DRIVETRAIN	6x4	6x6
MANUFACTURER AND MODEL	ZF CP230	
TRANSMISSION DESCRIPTION	cPower	
NUMBER OF SPEEDS: Forward	Inf	
NUMBER OF SPEEDS: Reverse	Inf	
FRONT AXLE	Heavy duty welded fabrication with integrated lean bar lock	
FINAL DRIVES	Inboard-mounted planetary sealed in cooled, filtered oil	
BRAKES	Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independent systems effective on all 4 tandem wheels	
PRIMARY AND SECONDARY BRAKES	Hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450).	
PARK BRAKE	Automatically spring applied, hydraulically released disc brake (ISO 3450).	
FRONT AXLE OSCILLATION (Total)	32 deg.	
FRONT WHEEL LEAN	20 deg.	
DIFFERENTIAL	Spiral bevel gear system, hydraulically actuated with a clutch-type mechanism, allowing differential lock engagement while the machine is in motion. It can be applied in both manual and automatic differential lock modes.	
TANDEM AXLE OSCILLATION	30 deg. (Total)	
STEERING	Hydraulic frame articulation for maneuverability and productivity; crab steering reduces side drift, positions tandems on firm ground, and increases side-slope stability	
TYRE SIZE - Standard	17.5R25	
SERVICE BRAKE TYPE	Multiple Wet Discs	
SERVICE BRAKE ACTUATION	Hydraulic	
GROUND CLEARANCE FRONT AXLE	546 mm (21.5 in.)	

G160 SPECIFICATIONS

PERFORMANCE	6x4	6x6
LOADING - Front Axle	5 114 kg (11 274 lbs)	5 362 kg (11 821 lbs)
LOADING - Rear Axle / Tandem	13 646 kg (30 084 lbs)	14 088 kg (31 059 lbs)
SPEED		
Forward Gear 1	3.8 kph (2 mph)	
Forward Gear 2	5.5 kph (3 mph)	
Forward Gear 3	8.2 kph (5 mph)	
Forward Gear 4	12.1 kph (7 mph)	
Forward Gear D	0 - 45 kph (0 - 28 mph)	
Reverse Gear 1	3.7 kph (2 mph)	
Reverse Gear 2	5.3 kph (3 mph)	
Reverse Gear 3	7.9 kph (5 mph)	
Reverse Gear 4	11.6 kph (7 mph)	
Reverse Gear D	0 - 45 kph (0 - 28 mph)	
Top Speed Forward	45 kph (28 mph)	
Top Speed Reverse	45 kph (28 mph)	

6-WHEEL DRIVE	6x4	6x6
FRONT WHEEL DRIVE		Yes
DESCRIPTION		A hydrostatic drive to improve vehicle traction and benefit control of the front wheels. The system can be activated electronically in realtime whilst operating. It consists of independent left/right circuits, utilising variable displacement pumps coupled to auto-shifting two speed motors. When not active the circuits use an efficient freewheeling mode. The system enables inching mode as well as precision mode (a front wheel only drive mode).
PUMPS		Rexroth
PUMP DISPLACEMENT		53 cm3 (3.4 cu. in.)
FRONT WHEEL MOTORS		Poclain
MOTOR DISPLACEMENT		2 238 cm^3 (137 cu. in.)
REDUCTION		None
6WD MAX SPEED		35 kph (22 mph)
PRECISION MODE MAX SPEED		10 kph (6 mph)

HYDRAULICS	6x4	6x6
TYPE	Variable displacement axial piston pump	
PUMP DISPLACEMENT	100 cc / rev	
PUMP FLOW, L / min (US-Gallons / min)	220 L / min (58 gal / min)	
RELIEF PRESSURE	18 961 kPa (2 750 Psi)	

G160 SPECIFICATIONS

KINEMATICS	6x4	6x6
CIRCLE SIDE SHIFT	789 mm (31 in.)	
FRAME CIRCLE DIAMETER	1 500 mm (59 in.)	
CIRCLE DRIVE	Hydraulic geroller motor driving a reduction worm box with overload wetplate clutch.	
CIRCLE TYPE	Precision Circle: Sealed and lubricated slewing bearing, requiring no adjustment. Mounted between the drawbar and circleframe, which are welded and machined structures.	
CIRCLE ROTATION	360 deg.	
STEERING ANGLE, DEG	48 deg.	
TURNING RADIUS - MINIMUM	7,2 m (23 ft. 8 in.)	
FRAME ARTICULATION (Each way)	22 deg.	

CAPACITIES	6x4	6x6
FUEL TANK (Refilling capacity)	400 L (106 US gal.)	
HYDRAULIC TANK (Refilling Capacity)	68,75 L (18 US gal.)	
COOLING SYSTEM	36 L (10 US gal.)	
ENGINE OIL WITH FILTER	21 L (6 US gal.)	
TRANSMISSION FLUID	36 L (10 US gal.)	
DIFF HOUSING	32 L (8 US gal.)	
TANDEM	158 L (42 US gal.)	
CIRCLE GEARBOX	5 L (1 US gal.)	

MOLDBOARD / BLADE	6x4	6x6
DESCRIPTION	High strength welded construction, using wear resistant high carbon steel materials. Underlays/overlays & cutting edges can exchanged left to right. Moldboard bronze guides are easily replaceable and adjustable for precision.	
WIDTH - Moldboard	4 270 mm (14 ft. 0 in.)	
MOLDBOARD HEIGHT	686 mm (27 in.)	
THICKNESS - Moldboard	20/25 mm (7.8 / 9.8) combination	
MOLDBOARD SIDESHIFT - Right	685,5 mm (27 in)	
MOLDBOARD SIDESHIFT - Left	685,5 mm (27 in)	
SHOULDER REACH	2 287 mm (7 ft. 6 in.)	
HYDRAULIC BLADE TIP - Forward	42 deg.	
HYDRAULIC BLADE TIP - Rearward	5 deg.	
MOLDBOARD - Lift above ground	490 mm (19.3 in.)	
MOLDBOARD ARC RADIUS	426 mm (16.8 in.)	
THROAT CLEARANCE	111 mm (4.4 in.)	
BANK ANGLE	90 deg.	
DRAWBAR (DRAFT FRAME) Description	Welded box construction machined for flatness with variable height double ball-&-socket pivot connection	
BLADE DOWN FORCE AT MAX WEIGHT	12 741 kg (28 089 lbs)	12 741 kg (28 089 lbs)
BLADE DOWN FORCE AT NORMAL WEIGHT	10 439 kg (23 014 lbs)	10 964 kg (24 171 lbs)
BLADE DOWN FORCE AT BASE WEIGHT	8 678 kg (30 916 lbs)	8 868 kg (30 502 lbs)
BLADE PULL AT MAX WEIGHT	15 750 kg (34 723 lbs)	22 500 kg (49 604 lbs)
BLADE PULL AT NORMAL WEIGHT	14 002 kg (30 870 lbs)	20 095 kg (44 302 lbs)
BLADE PULL AT BASE WEIGHT	12 281 kg (27 076 lbs)	17 505 kg (38 592 lbs)

G160 SPECIFICATIONS

CUTTING EDGE	6x4	6x6
DESCRIPTION	Through hardened Boron steel edge	
THICKNESS	19 mm (0.7 in.)	
WIDTH	203 mm (8 in.)	

ELECTRICAL	6x4	6x6
SYSTEM VOLTAGE	24 V	
NUMBER OF BATTERIES	2	
BATTERY CAPACITY	1 352 CCA	
RESERVE CAPACITY	400 min.	
AMP HOUR RATING	230 amp-hour	
ALTERNATOR RATING	122 amp	
NUMBER OF LED WORKLIGHTS		
Grading Option	4	
Deluxe Option	8	
Engine Bay - Standard	3	

WEIGHTS	6x4	6x6
GROSS VEHICLE WEIGHT - Base - Front Axle	5 114 kg (11 274 lbs)	5 362 kg (11 821 lbs)
GROSS VEHICLE WEIGHT - Base - Rear Axle	13 646 kg (30 084 lbs)	14 088 kg (31 059 lbs)
OPERATING WEIGHT	18 760 kg (41 359 lbs)	19 450 kg (42 880 lbs)
GROSS VEHICLE WEIGHT - Typical - Front Axle	6 080 kg (13 404 lbs)	6 328 kg (13 951 lbs)
GROSS VEHICLE WEIGHT - Typical - Rear Axle	15 558 kg (34 299 lbs)	16 000 kg (35 274 lbs)
WEIGHT WITH PUSH BLOCK & RIPPER	21 638 kg (47 704 lbs)	22 328 kg (49 225 lbs)
GROSS VEHICLE WEIGHT - Maximum - Front Axle	7 500 kg (16 535 lbs)	
GROSS VEHICLE WEIGHT - Maximum - Rear Axle	17 500 kg (38 581 lbs)	
OPERATING WEIGHT - Maximum	25 000 kg (55 116 lbs)	

REAR RIPPER & SCARIFIER	6x4	6x6
DESCRIPTION	Parallel linkage, with maintenance free bearings, hydraulic float, and integrated tow hitch 3	Parallel linkage, with maintenance free bearings, hydraulic float, and integrated tow hitch 4
WIDTH OF CUT		
Ripper	2 300 mm (7 ft. 6 in.)	
Scarifier	2 300 mm (7 ft. 6 in.)	
MAX NUMBER OF SHANKS/TEETH		
Ripper	5	
Scarifier	9	
LIFT ABOVE GROUND		
Ripper	645 mm (25,4 in.)	
Scarifier	815 mm (32,1 in.)	
MAXIMUM DEPTH		
Ripper	370 mm (14,6 in.)	
Scarifier	240 mm (9,4 in.)	
RIPPER PRY-OUT FORCE (Hydraulic limit)	25 500 kg (56 218 lbs)	
RIPPER PENETRATION FORCE (Hydraulic limit)	9 268 kg (20 432 lbs)	
SHANK SIZE		
Ripper	59 x 137 mm (2.4 x 5.4 in.)	
Scarifier	27,5 x 78 mm (1.0 x 3.1 in.)	

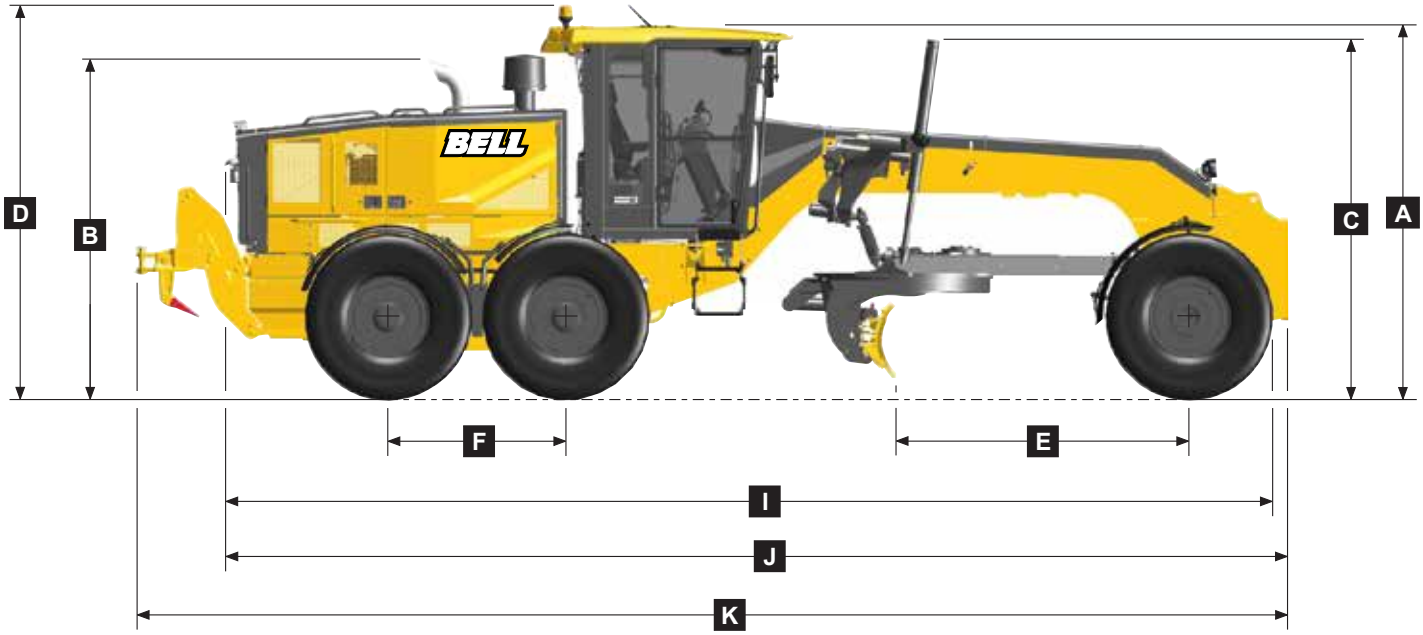
G160 SPECIFICATIONS

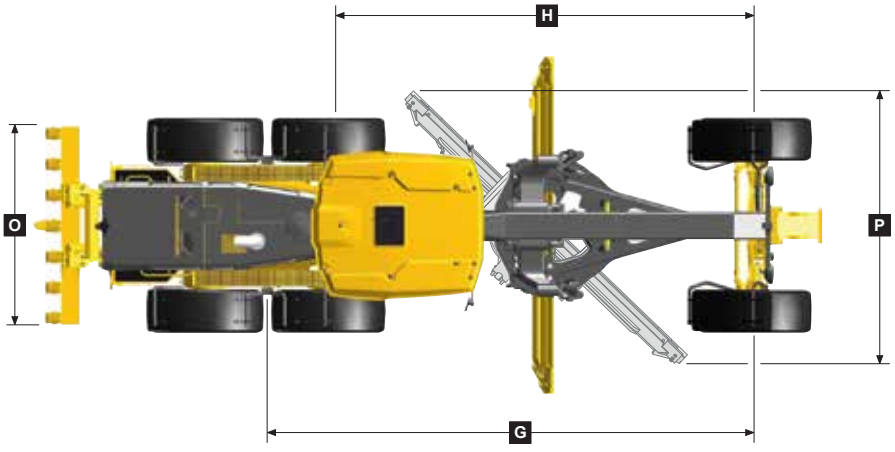
MID SCARIFIER	6x4	6x6
TYPE	Radial arm linkage with maintenance free bearings and underslung lift cylinder and hydraulic float. V-type scarifier beam with 3 pitch angle positions.	
WIDTH OF CUT	1 188 mm (46.8 in.)	
NUMBER OF SHANKS/TEETH	11	
LIFT ABOVE GROUND	300 mm (11,8 in.)	
MAX DEPTH	241 mm (9,5 in.)	
SHANK SPACING	114 mm (4,5 in.)	
SHANK SIZE	27.5 x 78 mm (1,0 x 3,1 in.)	

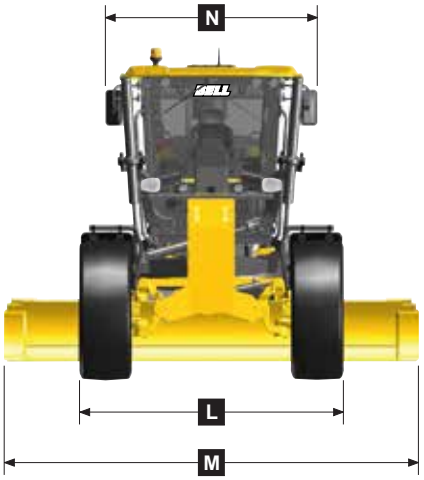
CAB	6x4	6x6
DESCRIPTION	Steel cab frame with GRP roof	
ROPS/FOPS	Yes (ROPS ISO 3471:2008 / FOPS ISO 3449:2005)	

G160 SPECIFICATIONS

MACHINE DIMENSIONS			
A	Height-Cab	3 211 mm	(10 ft. 6 in.)
B	Height-Exhaust-T3A	2 861 mm	(9 ft. 5 in.)
C	Height-Blade Lift Cylinders	2 960 mm	(9 ft. 9 in.)
D	Height-Beacon Light	3 383 mm	(11 ft. 1 in.)
E	Front Axle Centre to Blade	2 580 mm	(8 ft. 6 in.)
F	Tandem Axle Wheel Centres	1 567 mm	(5 ft. 2 in.)
G	Front Axle Centre to Tandem Axle Pivot	6 272 mm	(20 ft. 7 in.)
H	Front Axle Centre to Artic Centre	5 392 mm	(17 ft. 8 in.)
I	Length-Overall w/o Pushblock/Ripper	9 165 mm	(30 ft. 1 in.)
J	Length-Overall with Pushblock	9 353 mm	(30 ft. 8 in.)
K	Length-Overall with Pushblock and Ripper	10 138 mm	(33 ft. 3 in.)
L	Width over Tyre 17,5 R25 (Std G140/G160)	2 634 mm	(8 ft. 8 in.)
M	Width over Blade-14 ft. (Std G140/G160)	4 273 mm	(14 ft.)
M	Width over Blade-16 ft. (Option G160)	4 883 mm	(16 ft.)
N	Width over Mirrors-Operating Position	2 212 mm	(7 ft. 3 in.)
O	Width over Ripper	2 300 mm	(7 ft. 7 in.)
P	Width Transport Position - 14 ft. Blade	2 970 mm	(9 ft. 9 in.)
P	Width Transport Position - 16 ft. Blade	3 380 mm	(11 ft. 1 in.)







G200 SPECIFICATIONS

ENGINE	6x4	6x6
MANUFACTURER AND MODEL	Cummins QSL9	
EMISSIONS LEVEL	Stage 3A	
NUMBER OF CYLINDERS	6	
DISPLACEMENT	9 L (543 cu. in.)	
ENGINE OUTPUT - NETT	231 kW (310 hp)	245 kW (329 hp)
PEAK ENGINE TORQUE	1 424 Nm (1 050 lb.ft) @ 1 500 rpm	
TORQUE RISE	9%	
NET ENGINE POWER		
Gear 1	231 kW (310 hp)	245 kW (329 hp)
Gear 2	231 kW (310 hp)	245 kW (329 hp)
Gear 3	231 kW (310 hp)	245 kW (329 hp)
Gear 4	231 kW (310 hp)	245 kW (329 hp)
Gear D	231 kW (310 hp)	245 kW (329 hp)
Reverse Gear 1	231 kW (310 hp)	245 kW (329 hp)
Reverse Gear 2	231 kW (310 hp)	245 kW (329 hp)
Reverse Gear 3	231 kW (310 hp)	245 kW (329 hp)

DRIVETRAIN	6x4	6x6
MANUFACTURER AND MODEL	ZF CP290	
TRANSMISSION DESCRIPTION	cPower	
NUMBER OF SPEEDS: Forward	Inf	
NUMBER OF SPEEDS: Reverse	Inf	
FRONT AXLE	Heavy duty welded fabrication with integrated lean bar lock	
FINAL DRIVES	Inboard-mounted planetary sealed in cooled, filtered oil	
BRAKES	Foot-controlled, hydraulically operated, multiple wet-disc brakes sealed in pressurized, cooled, filtered oil; both independent systems effective on all 4 tandem wheels	
PRIMARY AND SECONDARY BRAKES	Hydraulically actuated, inboard of tandem pivot, self-adjusting, sealed in cooled and filtered oil, multi-disc (ISO 3450).	
PARK BRAKE	Automatically spring applied, hydraulically released, oil cooled, self-adjusting (ISO 3450)	
FRONT AXLE OSCILLATION (Total)	32 deg.	
FRONT WHEEL LEAN	20 deg.	
DIFFERENTIAL	Spiral bevel gear system, hydraulically actuated with a clutch-type mechanism, allowing differential lock engagement while the machine is in motion. It can be applied in both manual and automatic differential lock modes.	
TANDEM AXLE OSCILLATION (Total)	30 deg.	
STEERING	Hydraulic frame articulation for maneuverability and productivity; crab steering reduces side drift, positions tandems on firm ground, and increases side-slope stability	
TYRE SIZE - STANDARD	20.5R25	
SERVICE BRAKE TYPE	Multiple Wet Discs	
SERVICE BRAKE ACTUATION	Hydraulic	
GROUND CLEARANCE FRONT AXLE	605 mm (23.8 in.)	

G200 SPECIFICATIONS

PERFORMANCE	6x4	6x6
LOADING - FRONT AXLE	5 351 kg (11 797 lbs)	5 599 kg (12 344 lbs)
LOADING - REAR AXLE / TANDEM	14 184 kg (31 270 lbs)	14 626 kg (32 245 lbs)
SPEED		
Forward Gear 1	3.8 kph (2 mph)	
Forward Gear 2	5.5 kph (3 mph)	
Forward Gear 3	8.2 kph (5 mph)	
Forward Gear 4	12.1 kph (7 mph)	
Forward Gear D	0 - 44,8 kph (0 - 28 mph)	
Reverse Gear 1	3.7 kph (2 mph)	
Reverse Gear 2	5.3 kph (3 mph)	
Reverse Gear 3	7.9 kph (5 mph)	
Reverse Gear 4	11.6 kph (7 mph)	
Reverse Gear D	0 - 44.8 kph (0 - 28 mph)	
Top Speed Forward	44,8 kph (28 mph)	
Top Speed Reverse	44,8 kph (28 mph)	

6-WHEEL DRIVE	6x4	6x6
FRONT WHEEL DRIVE		Yes
DESCRIPTION		A hydrostatic drive to improve vehicle traction and benefit control of the front wheels. The system can be activated electronically in realtime whilst operating. It consists of independent left/right circuits, utilising variable displacement pumps coupled to auto-shifting two speed motors. When not active the circuits use an efficient freewheeling mode. The system enables inching mode as well as precision mode (a front wheel only drive mode).
PUMPS		Rexroth
PUMP DISPLACEMENT		56 cm3 (3.4 cu. in.)
FRONT WHEEL MOTORS		Poclain
MOTOR DISPLACEMENT		2 238 cm3 (137 cu. in.)
REDUCTION		None
6WD MAX SPEED		35 kph (22 mph)
PRECISION MODE MAX SPEED		10 kph (6 mph)

HYDRAULICS	6x4	6x6
TYPE	Variable displacement axial piston pump	
PUMP DISPLACEMENT	100 cc / rev	
PUMP FLOW, L / min (US-Gallons / min)	220 L / min (58 gal / min)	
RELIEF PRESSURE	18 961 kPa (2 750 Psi)	

KINEMATICS	6x4	6x6
CIRCLE SIDE SHIFT	789 mm (31 in)	
FRAME CIRCLE DIAMETER	1 500 mm (59 in)	
CIRCLE DRIVE	Hydraulic geroller motor driving a reduction worm box with overload wetplate clutch	
CIRCLE TYPE	Precision Circle: Sealed and lubricated slewing bearing, requiring no adjustment. Mounted between the drawbar and circleframe, which are welded and machined structures.	
CIRCLE ROTATION	360 deg.	
STEERING ANGLE, DEG	48 deg.	
TURNING RADIUS - MINIMUM	7,22 m (23 ft. 8 in.)	
FRAME ARTICULATION (EACH WAY)	22 deg.	

G200 SPECIFICATIONS

CAPACITIES	6x4	6x6
FUEL TANK (REFILLING CAPACITY)	400 L (106 US gal.)	
HYDRAULIC TANK (REFILLING CAPACITY)	68,75 L (18 US gal.)	
COOLING SYSTEM	36 L (10 US gal.)	
ENGINE OIL WITH FILTER	21 L (6 US gal.)	
TRANSMISSION FLUID	47 L (12 US gal.)	
DIFF HOUSING	32 L (8 US gal.)	
TANDEM	158 L (42 US gal.)	
CIRCLE GEARBOX	5 L (1 US gal.)	

MOLDBOARD / BLADE	6x4	6x6
DESCRIPTION	High strength welded construction, using wear resistant high carbon steel materials. Underlays/overlays & cutting edges can exchanged left to right. Moldboard bronze guides are easily replaceable and adjustable for precision.	
WIDTH - Moldboard	4 880 mm (16 ft. 0 in.)	
MOLDBOARD HEIGHT	686 mm (27 in.)	
THICKNESS - Moldboard	20/25 mm (0.7 / 0.9) combination	
MOLDBOARD SIDESHIFT - Right	685,5 mm (27 in)	
MOLDBOARD SIDESHIFT - Left	685,5 mm (27 in)	
SHOULDER REACH	2 478 mm (8 ft. 2 in.)	
HYDRAULIC BLADE TIP - Forward	44 deg.	
HYDRAULIC BLADE TIP - Rearward	3 deg.	
MOLDBOARD - Lift Above Ground	490 mm (19.3 in.)	
MOLDBOARD - Depth of Cut		
MOLDBOARD ARC RADIUS	426 mm (16.8 in.)	
THROAT CLEARANCE	87 mm (3.4 in.)	
BANK ANGLE	90 deg.	
DRAWBAR (DRAFT FRAME) DESCRIPTION	Welded box construction machined for flatness with variable height double ball-and-socket pivot connection	
BLADE DOWN FORCE AT MAX WEIGHT	12 741 kg (28 089 lbs)	12 741 kg (28 089 lbs)
BLADE DOWN FORCE AT NORMAL WEIGHT	10 242 kg (22 580 lbs)	10 767 kg (23 737 lbs)
BLADE DOWN FORCE AT BASE WEIGHT	8 678 kg (30 734 lbs)	8 868 kg (31 189 lbs)
BLADE PULL AT MAX WEIGHT	15 750 kg (34 723 lbs)	22 500 kg (49 604 lbs)
BLADE PULL AT NORMAL WEIGHT	14 648 kg (32 294 lbs)	20 905 kg (46 088 lbs)
BLADE PULL AT BASE WEIGHT	12 766 kg (28 143 lbs)	18 203 kg (40 130 lbs)

CUTTING EDGE	6x4	6x6
DESCRIPTION	Through hardened Boron steel edge	
THICKNESS	19 mm (0.7 in.)	
WIDTH	203 mm (8 in.)	

G200 SPECIFICATIONS

ELECTRICAL	6x4	6x6
SYSTEM VOLTAGE	24 V	
NUMBER OF BATTERIES	2	
BATTERY CAPACITY	1 353 CCA	
RESERVE CAPACITY	400 min.	
AMP HOUR RATING	230 amp-hour	
ALTERNATOR RATING	122 amp	
NUMBER OF LED WORKLIGHTS		
Grading Option	4	
Delux Option	8	
Engine Bay - Standard	3	

WEIGHTS	6x4	6x6
GROSS VEHICLE WEIGHT - Base - Front Axle	5 351 kg (11 797 lbs)	5 599 kg (12 344 lbs)
GROSS VEHICLE WEIGHT - Base - Rear Axle	14 184 kg (31 270 lbs)	14 626 kg (32 245 lbs)
OPERATING WEIGHT	19 535 kg (43 067 lbs)	20 225 kg (44 588 lbs)
GROSS VEHICLE WEIGHT - Typical - Front Axle	6 262 kg (13 805 lbs)	6 510 kg (14 352 lbs)
GROSS VEHICLE WEIGHT - Typical - Rear Axle	16 276 kg (35 882 lbs)	16 718 kg (36 857 lbs)
WEIGHT WITH PUSH BLOCK & RIPPER	22 538 kg (49 688 lbs)	23 228 kg (51 209 lbs)
GROSS VEHICLE WEIGHT - Maximum - Front Axle	7 500 kg (16 535 lbs)	
GROSS VEHICLE WEIGHT - Maximum - Rear Axle	17 500 kg (38 581 lbs)	
OPERATING WEIGHT - Maximum	25 000 kg (55 116 lbs)	

REAR RIPPER & SCARIFIER	6x4	6x6
DESCRIPTION	Parallel linkage, with maintenance free bearings, hydraulic float, and integrated tow hitch 5	
WIDTH OF CUT		
Ripper	2 550 mm (8 ft. 4 in.)	
Scarifier	N/A	
MAX NUMBER OF SHANKS/TEETH		
Ripper	7	
Scarifier	N/A	
LIFT ABOVE GROUND		
Ripper	712 mm (28 in.)	
Scarifier	N/A	
MAXIMUM DEPTH		
Ripper	302 mm (11,89 in.)	
Scarifier	N/A	
RIPPER PRY-OUT FORCE (HYDRAULIC LIMIT)	25 500 kg (56 218 lbs)	
RIPPER PENETRATION FORCE (HYDRAULIC LIMIT)	10 092 kg (22 249 lbs)	
SHANK SIZE		
Ripper	58 x 137 mm (2.28 x 5.39 in.)	
Scarifier	N/A	

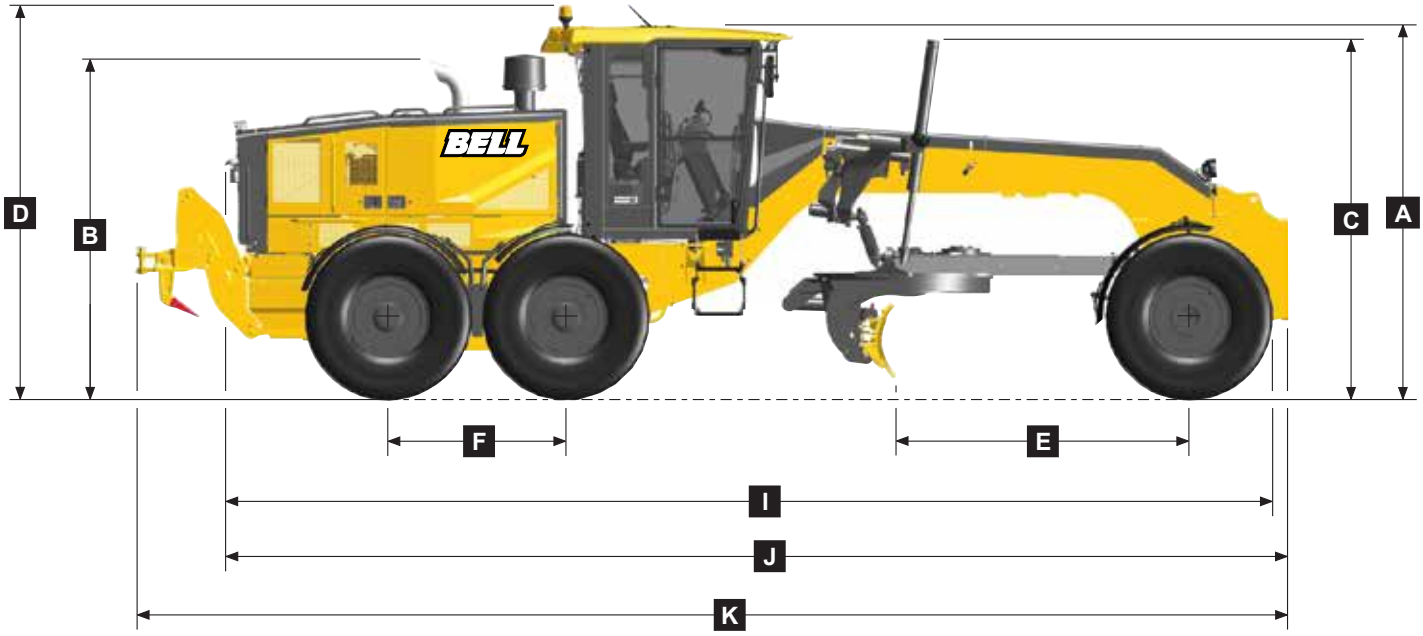
G200 SPECIFICATIONS

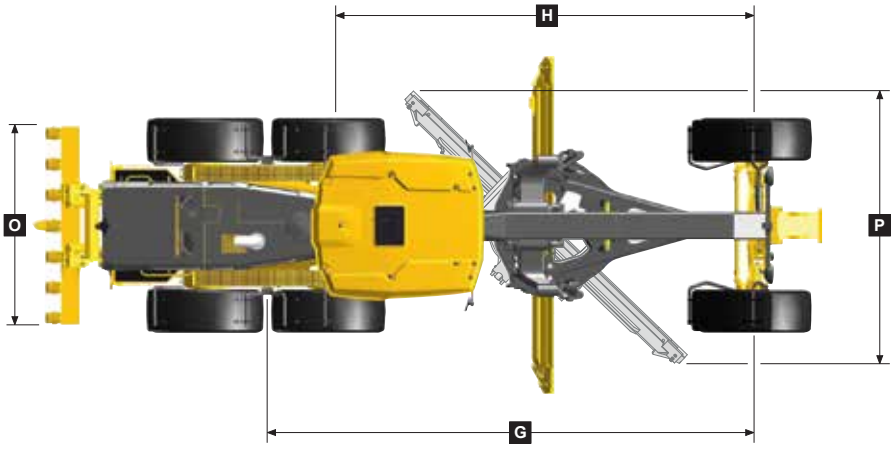
MID SCARIFIER	6x4	6x6
TYPE	Radial arm linkage with maintenance free bearings and underslung lift cylinder and hydraulic float. V-type scarifier beam with 3 pitch angle positions.	
WIDTH OF CUT	1 189 mm (46.8 in.)	
NUMBER OF SHANKS/TEETH	12	
LIFT ABOVE GROUND	300 mm (11,8 in.)	
MAX DEPTH	241 mm (9,5 in.)	
SHANK SPACING	114 mm (4,5 in.)	
SHANK SIZE	27.5 x 78 mm (1,0 x 3,1 in.)	

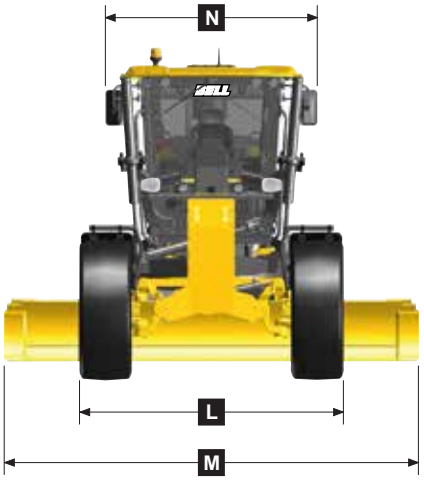
CAB	6x4	6x6
DESCRIPTION	Steel cab frame with GRP roof	
ROPS/FOPS	Yes (ROPS ISO 3471:2008 / FOPS ISO 3449:2005)	

G200 SPECIFICATIONS

MACHINE DIMENSIONS			
A	Height-Cab	3 266 mm	(10 ft. 9 in.)
B	Height-Exhaust-T3A	2 915 mm	(9 ft. 7 in.)
C	Height-Blade Lift Cylinders	3 015 mm	(9 ft. 11 in.)
D	Height-Beacon Light	3 438 mm	(11 ft. 3 in.)
E	Front Axle Centre to Blade	2 580 mm	(8 ft. 6 in.)
F	Tandem Axle Wheel Centres	1 567 mm	(5 ft. 2 in.)
G	Front Axle Centre to Tandem Axle Pivot	6 272 mm	(20 ft. 7 in.)
H	Front Axle Centre to Artic Centre	5 392 mm	(17 ft. 8 in.)
I	Length-Overall w/o Pushblock/Ripper	9 228 mm	(30 ft. 1 in.)
J	Length-Overall with Pushblock	9 353 mm	(30 ft. 8 in.)
K	Length-Overall with Pushblock and Ripper	10 138 mm	(33 ft. 3 in.)
L	Width over Tyre 17,5 R25 (Std G140/G160. Option G200)	2 634 mm	(8 ft. 8 in.)
L	Width over Tyre 20,5 R25 (Std G200)	2 743 mm	(8 ft. 12 in.)
M	Width over Blade-14 ft. (Std G140. Option G160/G200)	4 273 mm	(14 ft.)
M	Width over Blade-16 ft. (Option G160/G200)	4 883 mm	(16 ft.)
N	Width over Mirrors-Operating Position	2 212 mm	(7 ft. 3 in.)
O	Width over Ripper	2 550 mm	(8 ft. 4 in.)
P	Width Transport Position - 14 ft. Blade	2 970 mm	(9 ft. 9 in.)
P	Width Transport Position - 16 ft. Blade	3 380 mm	(11 ft. 1 in.)







Advanced technological solutions for monitoring, accuracy and safety

Bell Motor Graders combine cutting-edge technology with seamless system integration to maximize productivity, grading precision, and on-site safety.

Grading System Integration
Bell Motor Graders are agnostic and can seamlessly integrate with a variety of third-party technologies, including 2D and 3D grading systems of the customer's choice. This versatility allows customers to connect the grader to their preferred precision grading solutions, enabling high levels of grading accuracy and operational efficiency.

Fleetm@tic® Monitoring & Efficiency Management
Bell Fleetm@tic® monitors and manages both the machine and the operator's performance. Machine operational data is collected, processed, and compiled into valuable production and performance statistics, which are accessible via automated reports or the Fleetm@tic® website.

Enhanced Safety Through System Connectivity
Bell Motor Graders support connectivity with third-party L9 pedestrian detection systems and collision avoidance systems through the ISO 21815-2 Interface. This advanced safety integration helps enhance job site awareness and reduce incidents, making the Bell grader a safer, smarter machine.

Features & Options

Key: ● Standard ▲ Optional

G140	G160	G200	
			CAB
●	●	●	ROPS/FOPS certified
●	●	▲	Standard cab
▲	▲	●	Deluxe cab
▲	▲	●	Powered cab air precleaner
▲	▲	▲	Radio
●	●	●	HVAC Climate control
▲	▲	▲	EOH Joystick controls
			ELECTRICAL
▲	▲	▲	PDS ready
▲	▲	▲	Rear camera
▲	▲	▲	Front camera
●	●	●	Reverse alarm
●	●	●	LED grading worklights
▲	▲	●	LED Deluxe worklights
●	●	●	Engine bay lights
●	●	●	Rotating beacon lights
●	●	●	Wiper/washer with intermittent control
●	●	●	Rear wipers
●	●	●	Headlights: Halogen
▲	▲	▲	Headlights: LED
●	●	●	Reversing fan motor
●	●	●	Battery 1 350 CCA
			GROUND ENGAGING TOOLS (GET)
▲	▲		9 extra Scarifier shanks with tips
▲	▲		2 extra Ripper shanks with tips
▲	▲		All extra Ripper and scarifier shanks
▲	▲	▲	Reverse overlay end bids

G140	G160	G200	
			MOLDBOARD
▲			12 ft x 24 in
●	▲		14 ft x 24 in
▲	●	▲	14 ft x 27 in
		●	16 ft x 27 in
			WHEELSET
●	●	▲	17.5R25
		●	20.5R25
▲	▲	▲	550/65R25
			MUDGUARDS
▲	▲	▲	Front
▲	▲	▲	Front and rear
			OTHERS
▲	▲	●	Blade impact
▲	▲	▲	Quick service group
▲	▲	▲	Quick-fill fuel
●	●	●	Slip clutch
●	●	●	Sealed slew bearing
●	●	●	EOH: Protection kit - Basic
▲	▲	▲	Protection kit - Complete
			ATTACHMENTS
●	●		Rear ripper
▲	▲	▲	Rear hitch
		●	Wider ripper
▲	▲	▲	Mid scarifier

The Future of Grading, Now

Experience the next evolution in grading. Our motor graders offer unparalleled precision, power, and performance, taking grading to the next level with advanced technology and operator-focused design.

Bell Equipment,
refining the future of motor graders.

All dimensions are shown in millimetres, unless otherwise stated between brackets. Under our policy of continuous improvement, we reserve the right to change technical data and design without prior notice. Photographs featured in this brochure may include optional equipment.

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