

Kubota



KUBOTA DIESEL TRACTOR

B

B1220/B1620/B1820 New Standard Tractors

Boasting a sleek new design and increased power, the new Kubota B-Series Standard Tractors are perfect for a variety of garden and farming jobs.



**The power, versatility and comfort
you need to get the job done.**



B1620

Engine: D722
Gross: 16ps/2800

B1820

Engine: D782
Gross: 18ps/2800

B1220/B1620/B1820

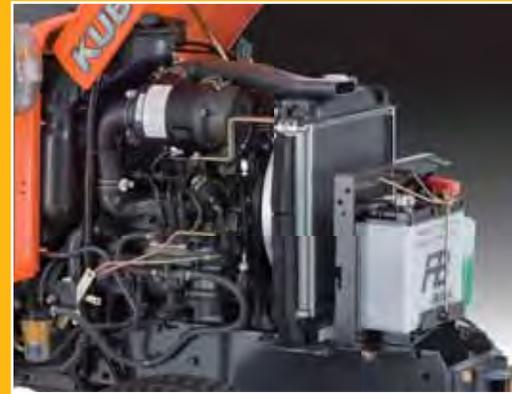


Performance

Small in stature but big on strength, the new B-Series tractors offer the power, manoeuvrability and speed your work requires. They feature hardy E-TVCS engines, with up to 18PS, agile and responsive power steering and increased travel speeds.

Diesel Engine

Tackle your toughest tasks with our 18PS and 16PS 3-cylinder and 12PS 2-cylinder diesel engines. These engines, with Kubota's E-TVCS (three-vortex combustion system), offer increased power, high torque, cleaner emissions and low noise and vibration. The B-Series is also equipped with a large-capacity 480W alternator, for quicker cold-weather starts.



Increased Travel Speed

Get to your destination faster. With higher travel speeds across the B-Series lineup, you'll be able to move from job to job quicker, increasing your overall productivity.



B1220

Engine: Z482
Gross: 12ps/3100

820

Comfort and Safety

When you're working long hours, comfort is important. A host of more ergonomic and functional features, including our new full rubber deck, make the B-Series both comfortable and easier to use.

Semi-flat, Full Rubber Covered Deck

All B-Series tractor decks have been completely covered in durable black rubber, providing extra comfort for your feet.



Backlit Instrument Panel

The B-Series' newly redesigned instrument panel helps you keep track of vital tractor functions. The panel backlight activates when the headlamps are turned on.



Durable Wet Disk Brakes

Parking Brake

The parking brake keeps your tractor where you want it—just pull the convenient lever and the tractor stays put.



Engine Key Stop

A 4-position (preheat/on/off/start) key-operated switch operates a solenoid to shut off the engine. An engine-stop knob is also provided for fail-safe stopping of the engine should there be a problem with the electrical system.



Useful Cup Holder

The standard cup holder allows you to quench your thirst on hot days.



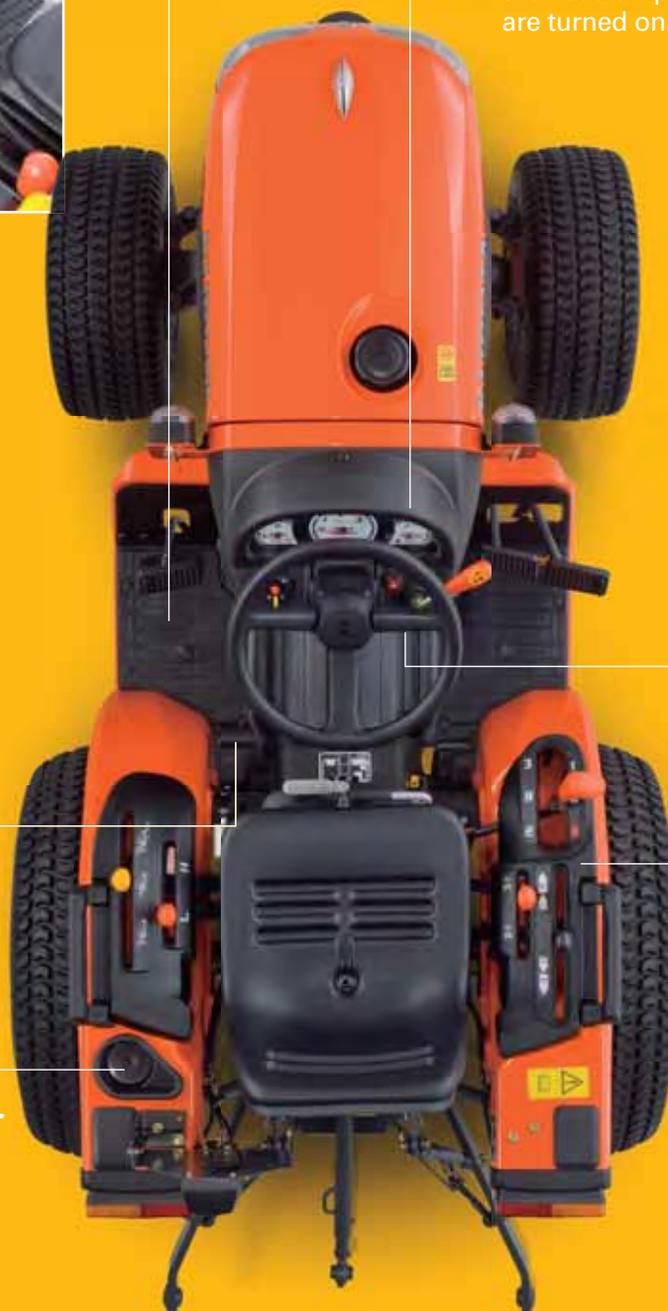
Lever Guides

The B-Series tractors feature large angled lever guides, for hassle-free shifting and fast control lever recognition. All levers are conveniently located within reach.



ROPS and Back Mirror (Optional)

Keep yourself safe with an optional Rollover Protective Structure and back mirror.



Increased Fuel Tank Capacity

We've increased the fuel tank capacity to 14 litres on our B-Series tractors. This allows you to work longer hours without having to refuel, which makes you more productive.

14ℓ



Design

The new B-Series has been rethought and redesigned. We've made the overall look sleeker and more functional by implementing a slanted bonnet, new front grill, multi-reflective headlamps and combination lamps.

Headlamps

Kubota's multi-reflective headlamps let you see further and better, so you can work effectively whenever and wherever you want.



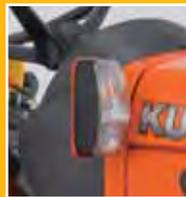
New Front Grill

The streamlined front grill and side have been redesigned to perfectly match the slanted-bonnet design and to make it easier to clean.



Combination Lamps

The B-Series' new side combination Lamps perform double duty. They provide extra illumination when it's dark, and they also work as left/right turning signals.



Slanted Bonnet

The slanted bonnet offers a clear view of front loader operations to improve operator productivity.



Front Weight Bracket



LA213 Front Loader

Our loaders let you tackle jobs you never thought possible.

New 1,07 m Loader Bucket

The B-Series' performance-matched loaders boast a 42-inch bucket width, so you can get your work done as quickly and efficiently as possible.



Braceless Frame

For optimum visibility and easier maintenance, we've eliminated the connectors and braces around the front loader arm.



Protected Hydraulics

The hydraulic hoses are routed through a recessed area under the loader lift arm for increased protection, longer life, improved visibility, and a cleaner-looking design.



Single-lever Joystick Control

All loader operations—raising, lowering, dumping, and rollback rotations—are controlled by a single, built-in joystick that's within easy reach for maximum convenience.



Quick Attach / Detach System

The one-piece parking stand enables the operator to easily attach or detach the front loader.

Tractor-integrated
Loader Joystick

Front Guard (Optional)

Curved Boom Design

Heavy-duty Mounting Frame



Tractor Implements

A wide array of implements offer you the versatility you need.

Mid PTO (B1620/B1820)

The Mid PTO enhanced the versatility. The KUBOTA-mower deck (optional) with a cutting width of 1,22 m for a well manicured lawn also under difficult conditions.



LOADER SPECIFICATIONS

Model		LA213
Maximum lift height (to bucket pivot pin)	mm	1921
Clearance w/bucket dumped	mm	1445
Reach at maximum lift height (dumping reach)	mm	815
Maximum dump angle	degrees	44
Bucket roll-back angle	degrees	24
Digging depth at bucket levelled	mm	110
Overall height in carrying position	mm	1070
Bucket width	mm	1067
Lift capacity (bucket pivot pin)	kg	302
Lift capacity (500 mm forward)	kg	208
Breakout force (bucket pivot pin)	N	6546
Breakout force (500 mm forward)	N	4508
Raising time to full height w/o load	sec.	3.6
Lowering time w/o load	sec.	2.7
Bucket dumping time	sec.	1.5
Bucket rollback time	sec.	2.5
Rated flow	ℓ/min.	14
Maximum pressure	Mpa (kg/cm ²)	13.0 (133)
Boom cylinder size (Bore × Stroke)	mm	40 × 326
Bucket cylinder size (Bore × Stroke)	mm	65 × 204
Bucket roll-back force at ground level	N	5292



EC approved rear mounted ROPS kit

OPTIONAL KITS



Rear work light kit



EC approved front hitch kit

IMPLEMENTS



REAR CUTTER



ROTARY TILLER



PLOUGH



TRAILER



SPRAYER

TRACTOR SPECIFICATIONS

Model		B1220		B1620		B1820PS	
		w/o Mid-PTO		w/ Mid PTO		w/ Mid PTO	
Engine							
Type	E-TVCS, liquid cooled, 2-cylinder			E-TVCS, liquid cooled, 3-cylinder diesel			
Make, Model	Kubota Z482			Kubota D722		Kubota D782	
Engine power max.	kw (PS)	8.8 (12)		11.8 (16)		13.2 (18)	
Engine power ECE-R24	kw	7.9		10.3		11.9	
Drive train							
Driving method	4WD			2WD ⇄ 4WD			
Transmission speeds				F6/R2			
Max. travelling speed (with tyres 9.5-16)	17 km/h			19 km/h			
Differential lock				STD			
Brake type				Wet mulch disk			
Steering				Manual			
PTO							
Rear PTO	Type	Transmission driven with one way clutch					
	Speed	rpm	540/1000				
Mid PTO (*1)	Speed	rpm	N/A		2500		
Hydraulic system							
Pump capacity	ℓ/min	8.2		14.1			
Lift capacity	Link end	kg	430		540		
Max. operating pressure		kg/cm ²	91		123		
3-point hitch		category I					
Hydraulic outlets		1 rear (OPT)		1 rear			
Hydraulic cylinder for mower lifting		N/A					
Dimensions							
Overall length	mm	2360					
Overall width (min)	mm	940					
Overall height (Steering wheel / ROPS)	mm	1223 / N/A		1246 / 2250			
Wheelbase	mm	1270					
Tread	Front	767					
	Rear	743-1035					
Ground clearance	mm	250		270			
Turning radius with brake	m	1.8					
Standard tyre	Front: Farm	5-12					
	Rear: Farm	8-16					
Weight	kg	460		560		572	
Comfort							
Headlamp	Multi-reflective			Multi-reflective with halogen valve (EC approved)			
Operator's deck	Semi-flat, full rubber covered deck						
Backlit instrument panel	STD						
Cup holder	STD						
Road approval (*2)							
Non-approved (CE marked model)			Approved (EC homologated model)				
Options							
EC approved rear-mounted ROPS kit				OPT		OPT	
Hydraulic circuit changeover unit kit		OPT		STD			

The company reserves the right to change the above specifications without notice.

(*1) Mower deck can be attached to the tractor only with turf tyre 20x8.00-10, 212/80D-15.

(*2) For those who wish to use our tractors on public roads, please consider our road-approved B1620 and B1820 models.

*When driving on the road with wide tires (F:23x8, 50-12, R:270/75-16), the ROPS and mirror must be installed.

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Kubota®



KUBOTA DIESEL TRACTOR

B

B2320/B2620/B2920 New Standard Tractors

Kubota's new B-Series standard tractors boast more power, comfort, and versatility to tackle a wide variety of tasks.



Kubota's versatile new B-Series starts with the outstanding performance you



***andard tractors deliver
can rely on.***



Whether you're mowing lawns, working on light construction or landscaping, Kubota's all-new B2320/ B2620/B2920 tractors are the right tools for the job. They offer a wide assortment of innovative features to provide more power, more comfort and more efficiency, giving your productivity a boost. With so much versatility at your command, these tractors are the best choice for the job, whatever it may be.

KUBOTA DIESEL TRACTOR **B-SERIES**

NEW STANDARD TRACTORS



Take your performance and productivity to a whole new level with Kubota's new B-Series standard tractors.

The versatile B2320/B2620/B2920 tractors deliver the power, speed, and smooth HST performance you need to tackle large and small tasks around your property. These new B-Series tractors have it all—more horsepower, a new HST, more transmission speeds to choose from—so you can handle your toughest chores with ease.



Engine

23HP/26HP/29HP liquid-cooled diesel engines, with Kubota's E-TVCS (three-vortex combustion system), offer tremendous power, high torque, cleaner emissions, and low noise and vibration.



New 3-range HST

Our proven hydrostatic transmission provides the B-Series with smooth shifting and powerful performance for heavy-duty loader applications.



Gear-type Model

The B2320 is available as an HST model or an economical and reliable gear model, with 9 forward and 3 reverse speeds.



Powerful Category I 3-point Hitch

The 3-point hitch accepts a variety of implements for all of your different needs. The powerful hitch can handle rotary cutters, box blades, finishing mowers and more.

B2320/B2620/B2920

More Speeds

With an increased maximum speed and three range shift speeds (Hi/Med/Lo), the B2320/B2620/B2920 let you find the right speed to suit your task, for outstanding productivity.

Hydraulic Pump

The 8.3 GPM hydraulic pump capacity provides exceptional efficiency and power for implement operations.

Large-capacity Radiator

The B-Series features a large-capacity radiator to keep the engine cool on a long, hot workday, and keep you on the job.

Cruise Control (HST models only)

Kubota's cruise control allows you to set, increase/decrease, and override pre-set speeds quickly and conveniently.



Standard Loader Valve

Loader operations are more convenient with the standard-equipped 4-position valve and control lever. Integrated into the tractor, this ergonomically positioned valve lets you attach the front loader and other front implements quickly and easily. (B2320 available without valve.)

Long Wheel Base

With a formidable, 61.5 in. (1563 mm) wheel base, the B-Series delivers increased stability during operation.



When it comes to operator comfort and easy operation, the B-Series is the best tractor in its class.

Kubota's B2320/B2620/B2920 tractors give you everything you need to get the job done in comfort and safety. They feature a luxurious high-back seat, ample operator space, a foldable ROPS for added protection, and much more.

6 inches longer



Headlights

Kubota's multi-reflective headlights let you see farther and better, so you can work effectively whenever and wherever you want.



Backlit Dash Panel

The easy-to-read dash panel features large numbers and a white background to help you easily keep track of vital tractor functions such as engine speed, engine temperature, fuel level, etc. The panel backlight activates when the headlights are turned on.



Lever Guides

The B-Series features large angled lever guides, for hassle-free shifting, fast control lever recognition and easy operation.



B2320/B2620/B2920



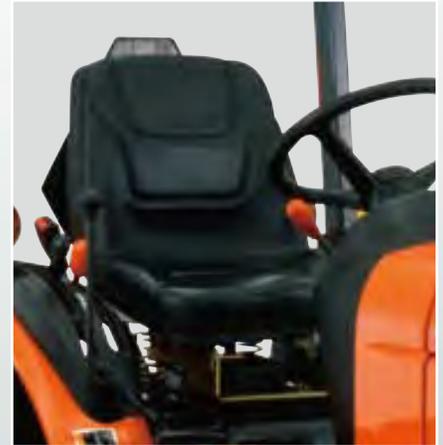
Slanted Hood

The slanted hood offers a clear view of front loader operations to improve operator productivity.



Parking Brake

The parking brake keeps your tractor where you want it—just pull the convenient lever and the tractor stays put.



High-back Seat

Kubota's seat provides ample back and lumbar support, improving operator comfort during long hours of operation.

Wide Operating Platform

The large, ISO-mounted flat deck provides plenty of legroom and a wider step area for easier mounting and dismounting. Plus, the widely spaced fenders create plenty of room for the operator to work in comfort.

Wide Fenders

The extra-wide fender width increases your protection from mud and debris and enables integrated lever positioning for your convenience.



Foldable ROPS

For your safety, a foldable ROPS is standard equipment. It's perfect for traveling under areas with height restrictions, or parking your tractor in a garage.

LA304/364 FRONT LOADERS



Kubota's powerful new LA304/LA364 Front Loaders feature a curved boom design, exceptional cylinder durability, outstanding lift capacity and impressive lift height for great performance. They'll enhance your efficiency and productivity so you can tackle any job that comes your way.



Braceless Frame

For optimum visibility and easier maintenance, we've eliminated the connectors and braces around the front loader arm.



Protected Hydraulics

The hydraulic hoses are routed through a recessed area under the loader lift arm for increased protection, longer life, improved visibility, and a cleaner-looking design.



Single-lever Joystick Control

All loader operations—raising, lowering, dumping, and rollback rotations—are controlled by a single, built-in joystick that's within easy reach for maximum convenience.



Tractor-integrated Loader Joystick

Quick Attach/ Detach Front Loader

The loader doesn't require tools or additional personnel to remove or install. The conveniently located quick attach/detach pins can be handled from the operator's seat.

Heavy-duty Mounting Frame

Curved Boom Design

The new LA304/LA364 curved boom design offers a better field of vision during front loader operations. It also gives the loader a modern, sleek appearance.

BH65 BACKHOE

Kubota's original BH65 Backhoe is performance-matched with the B-Series standard tractors to provide more power and greater digging capacity, and features a reversible seat for more efficient operation.



Protected Hoses

All of the hoses are routed through the durable backhoe arm for a streamlined design and enhanced protection.



19° Departure Angle

Incredible Digging Power

The BH65 offers an impressive digging depth of 6.7 feet and boasts more than 2,500 pounds of bucket breakout force.

Large Operator Platform

Thanks to the new reversible seat and a compact backhoe control lever console, the tractor offers a spacious platform area for comfortable backhoe operation. And, since the backhoe connects closer to the tractor, overall balance is enhanced.

Subframe Structure

There's no need to remove the BH65's subframe—it operates with the loader installed, and doesn't interfere with the mid-mount mower linkage. In addition, it allows 3-point linkage with the subframe still in place.

Reversible Seat

The B2320/B2620/B2920 tractors feature a new reversible seat, which is standard-equipped with the BH65 backhoe. This convenient seat swivels from front to back to save space and make backhoe operation more efficient. It also slides fore and aft for improved operator comfort.



Mechanical Thumb (Optional)

Kubota's BH65 is also available with an optional 6-position mechanical thumb, for expanded capabilities and efficient material handling.



4-point Quick-attach System

With its pin-and-hook type quick-attach system, the backhoe can be attached in minutes—without tools. And, with four connecting points for structural integrity, tractor balance is improved.



MID-MOUNT MOWER

Kubota's mid-mount mower is the ideal choice for precision grass cutting. The suspended mower deck gives the operator 1/4" cutting control, for a clean cut, every time. Plus, this innovative mower is extremely easy to connect—just drive over it, attach, and you're ready to go.



Mower Decks

Kubota's 54"/60" mid-mount mower decks manicure lawns with precision, and their functional design allow them to be attached at the same time as the front loader.



Cutting Height Adjustment Dial

A simple twist of the convenient dial allows you to make height adjustments in 1/4" increments to set your preferred cutting level.



Suspended Mower Deck

The mid-mount mower can be raised to give ample clearance, eliminating hassles when moving from job to job or riding over curbs.



Self-aligning Lift Linkage

Mid-PTO

The mid-PTO shaft spline is tapered for easy attachment of mower.

Drive-over Attachment*

Attach the mower quickly and with ease. Simply drive the tractor over the mower to get it into position for fast attachment/detachment.

**Height of mower deck should be 3 inches or less.*



TRACTOR SPECIFICATIONS

Model			B2320	B2620	B2920
Engine					
Type			E-TVCS, liquid cooled, 3-cylinder diesel		
Make, Model			Kubota D1005	Kubota D1105	Kubota D1305
PTO horsepower	HP (kW)		Gear:18.0 (13.4)/HSD:17.0 (12.7)	19.0 (14.2)	21.0 (15.7)
Engine gross horsepower	HP (kW)		23.0 (17.2)	26.0 (19.4)	29.0 (21.6)
Rated RPM	rpm		2800		
Bore and stroke	in. (mm)		3.0 × 2.9 (76 × 73.6)	3.1 × 3.1 (78 × 78.4)	3.1 × 3.5 (78 × 88)
Displacement	cu. in. (cc)		61.1 (1001)	68.5 (1123)	77.0 (1261)
Air cleaner			Dual paper element		
Lubrication			Forced lubrication		
Cooling system			Pressurized radiator		
Radiator fan			Radial air flow		
Capacities					
Fuel tank	gal (ℓ)		6.6 (25)		
Cooling system	qts. (ℓ)		4.6 (4.4)		
Engine oil	qts. (ℓ)		3.2 (3.0)		
Transmission case	gal (ℓ)		Gear:3.7 (14)/HSD:4.0 (15)	4.0 (15)	
Drive train					
Clutch			Dry single plate		
Transmission			Gear (9 Forward, 3 Reverse) / HST (3 range)	HST (3 range)	
Differential lock			Standard		
Final drive			Spur gear		
Brake			Multi-plate wet disc		
PTO			Transmission driven with one way clutch / HSD: Live		
	Rear	rpm	540, 960		
	Mid	rpm	2500		
Hydraulics					
Type			Open center		
Pump			Dual pump		
Total pump output	gpm (ℓ/min.)		8.3 (31.4)		
Hydraulic outlet			Front outlet (w/ standard valve)		
3-point hitch			Category I		
Hydraulic control system			Quarter inching valve		
Lift capacity	at lift point	lbs. (kg)	1356 (615)		
	24" behind LP	lbs. (kg)	1058 (480)		
Steering			Power steering		
Standard tire size					
Front			6-12	7-12	
Rear			9.5-16	11.2-16	
Traveling speeds (at rated engine rpm)					
Forward	mph (km/h)		Gear 9th:11.2 (18)/HST:0-11.7 (0-18.9)	0-12.6 (0-20.2)	
Reverse	mph (km/h)		Gear 3th:5.4 (8.7)/HST:0-9.4 (0-15.2)	0-10.1 (0-16.2)	
Dimensions					
Overall length (w/o 3P)	in. (mm)		93.9 (2385)	95.1 (2415)	
Overall width (min. tread)	in. (mm)		45.1 (1145)	49 (1245)	
Wheelbase	in. (mm)		61.5 (1563)		
Ground clearance	in. (mm)		12.0 (305)	12.8 (325)	
Turning radius with brake	feet (m)		6.9 (2.1)		
Weight	lbs. (kg)		Gear:1433 (650)/HST:1477 (670)	1554 (705)	

The company reserves the right to change the above specifications without notice. This brochure is for descriptive purposes only. Please contact your local Kubota dealer for warranty information. For your safety, KUBOTA strongly recommends the use of a Rollover Protective Structure (ROPS) and seat belt in almost all applications. For complete operational information, the operator's manual should be consulted.

IMPLEMENTS SPECIFICATIONS

FRONT LOADER

Model		LA304	LA364
Maximum lift height (to bucket pivot pin)	in. (mm)	74.0 (1880)	78.5 (1995)
Clearance w/ attachment dump	in. (mm)	56.2 (1428)	60.9 (1548)
Reach at maximum height (ROPS/CAB)	in. (mm)	23.5 (598)	22.7 (576)
Maximum dump angle	degrees	45	40
Attachment rollback angle	degrees	25	25
Digging depth at bucket leveled	in. (mm)	3.9 (100)	3.9 (100)
Overall height in carry position	in. (mm)	43.4 (1102)	43.4 (1102)
Material bucket width	in. (mm)	48 (1219)	50 (1270)
Lift capacity (pivot pin)	lbs. (kg)	771 (350)	952 (432)
Lift capacity (19.7 in. forward)	lbs. (kg)	545 (247)	661 (300)
Breakout force (19.7 in. forward)	lbs. (kg)	1172 (532)	1520 (689)
Breakout force (pivot pin)	lbs. (kg)	1648 (748)	2144 (973)
Raising time to full height w/o load	sec.	2.8	3.7
Lowering time w/o load (powerdown)	sec.	2.0	2.7
Attachment rollback time	sec.	1.9	2.6
Attachment dumping time	sec.	1.5	1.9
Rated flow	GPM (ℓ/min.)	4.4 (16.6)	4.7 (17.9)
Rated pressure	psi	2000	2000
Boom cylinder size (Bore × Stroke)	in. (mm)	1.57 × 13.2 (40 × 336)	1.77 × 13.7 (45 × 348)
Bucket cylinder size (Bore × Stroke)	in. (mm)	1.57 × 13.2 (40 × 336)	1.77 × 13.2 (45 × 336)
Bucket roll breakout force at ground line	lbs. (N)	1222 (5434)	1741 (7744)

BACKHOE

Model		BH65
Bucket cylinder digging force	lbs. (N)	2585 (11500)
Dipperstick cylinder digging force	lbs. (N)	1686 (7500)
Transport height	in. (mm)	72.8 (1849)
Stabilizer spread transport	in. (mm)	50.4 (1280)
Ground clearance	in. (mm)	11.6 (294)
Overall width	in. (mm)	49.6 (1260)
Maximum digging depth	in. (mm)	80.1 (2034)
Digging depth, 2ft. flat bottom	in. (mm)	78.8 (2001)
Digging depth, 8ft. flat bottom	in. (mm)	56.4 (1432)
Operating height, fully raised	in. (mm)	105.4 (2677)
Loading height	in. (mm)	64.4 (1637)
Loading reach	in. (mm)	39.7 (1009)
Reach from swing pivot	in. (mm)	108.9 (2767)
Swing pivot to rear axle center line	in. (mm)	31.4 (797)
Bucket rotation	deg.	172
Stabilizer spread operating	in. (mm)	73.0 (1854)
Angle of departure per SAE J 1234	deg.	19
Leveling angle	deg.	11.8
Swing arc	deg.	150

MID-MOUNT MOWER

Model		RCK54-29B	RCK60-29B
Type		Side discharge	
Number of blades		3	
Blade length	in. (mm)	18.7 (475)	20.6 (523)
Mounting method		Suspended	
Cutting width	in. (mm)	54 (1372)	60 (1524)
Cutting height	in. (mm)	1.0 to 5.0 (25 to 127)	
Adjustment of cutting height		Dial	
Weight (approx.)	lbs.(kg)	309 (140)	322 (146)

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