Challenger MT200B

Challenger MT200B

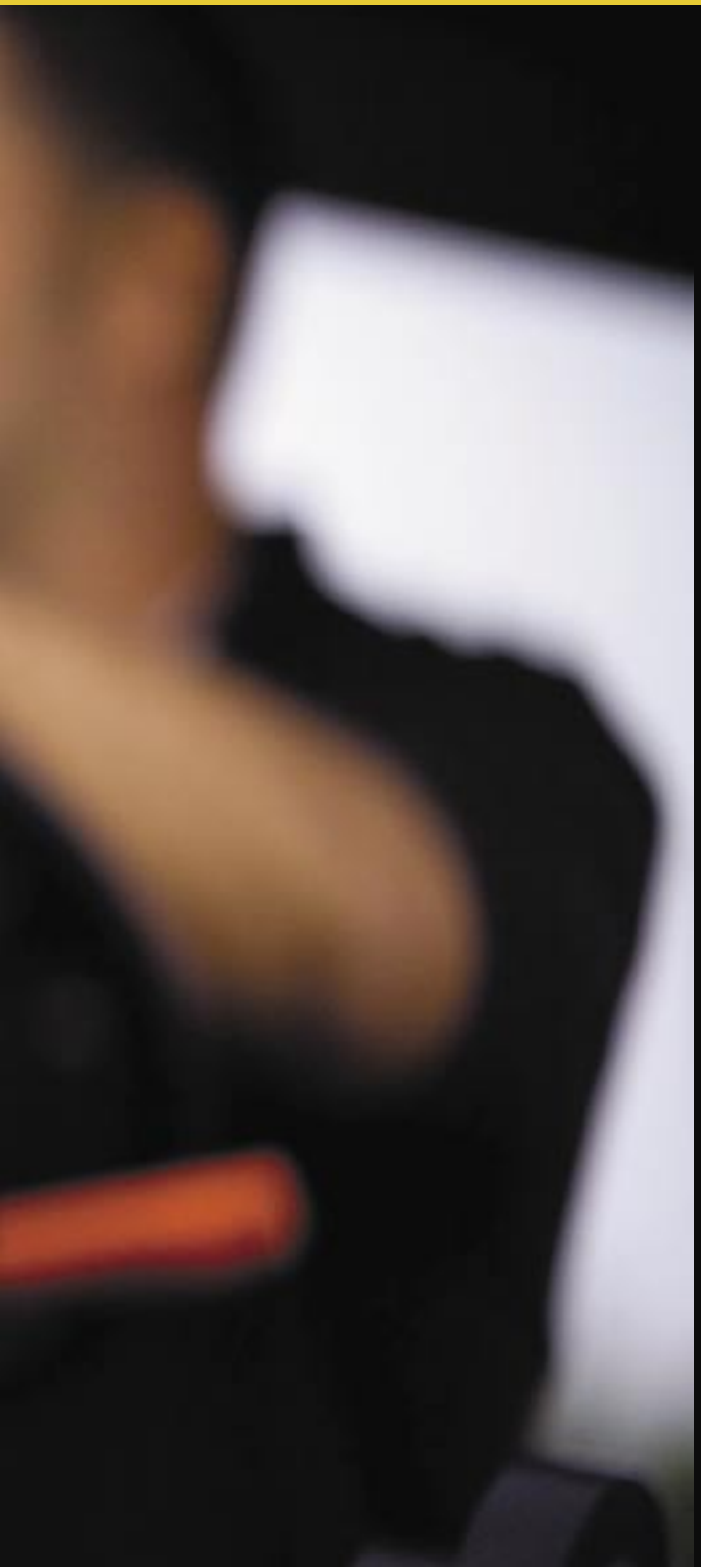
We're up to
The Challenge

MT200B SERIES

23 to 52 Gross Engine HP

UPGRADE TO THE PROS

Are you up to the challenge?



We are.

Challenger® MT200B Series Compact Tractors.
Sold and serviced exclusively by Caterpillar® Dealers.

When it comes to the business of compact tractors, nothing is more grounded than Challenger compacts. Just ask the pros who run them. Or the pros who sell and service them. That would be the company that's synonymous with the best dirt-moving equipment in the world. Yeah. Caterpillar dealers also sell and service compact tractors. Rugged, innovative, professional-grade Challenger MT200B Series compact tractors to be exact.

AGCO Corporation and Caterpillar have combined forces to bring you serious machines sold and serviced by serious dealers. Today, the Challenger brand includes a rugged line of wheeled tractors up to 240 PTO HP; a high-quality family of hay equipment, and two of the most productive combines anywhere. And the Challenger brand continues to offer the most innovative and advanced rubber-track tractors in the world. All built to the toughest standards in the industry. In just a few short years, the Challenger name has become synonymous with quality and service. So many professionals have taken the challenge, that it's the fastest growing equipment brand in North America.

In the following pages, you'll find out just how solid the entire Challenger MT200B Series line is, and why we're up to the challenge of giving you what you need. Each new MT200B model takes its place as part of a full line of Challenger equipment built for pros and backed by pros. What all that means to you is this: If you're in the business, we need to be doing business.

	MT225B	MT255B	MT265B	MT275B	MT285B	MT295B
Range	22.5 HP	28.4 HP	33.0 HP	40.1 HP	47.5 HP	52.1 HP

PROFESSIONALLY SPEAKING

"I put 1,000 hours each on my tractors last year, which means I don't have any time to mess around with a machine that constantly needs something done to it. It boils down to this: If I'm not working, I'm not getting paid. So if my tractor goes down, it costs me double. I don't worry about that happening with these Challengers. Nothing's perfect, of course. But I've operated many different tractors in the 35 years I've been grading. When I started my own business, I chose Challenger. They're built solid and they do the jobs I need 'em to do. That lets me concentrate on growing my business instead of fixing it all the time."

JOE GUINNIP
Owner
JMG Tractor Works

Run 'em hard, Run 'em long, Run 'em often.

As you've probably noticed in your experience, not all tractors are created equal. Some are made for a specific task. Others are merely meant for show. You need a machine that hits the ground running no matter what it's asked to do, and doesn't stop 'til the job is done. It's gotta work harder than you do. And that's saying a lot. You're making a substantial investment in the tools of your trade. They have to stand the test of time. That's why every Challenger MT200B Series model has heavy-duty written all over it, from the ground up. And then there's this: Do you really think your local Cat® dealer would sell and service Challenger tractors if rugged wasn't built in?

Heavy-Duty Steel Hood and Fenders
Plastic really isn't even an option. Tough environments need heavy-duty steel for less vibration, for no cold cracking…for the long haul. Grab hold of a Challenger fender. You'll feel the difference.

Rugged Cast-Iron Construction
Aluminum just doesn't cut it. Check out the front axle on a Challenger compact. That's a solid piece of iron you're looking at, built heavy to withstand the stresses of loader work. All transmission and differential housings are cast-iron too. Even the engine features a cast iron block supported by a steel frame.

Centerline Drive System (CDS)
Less is more, simple is better. Challenger CDS technology lowers maintenance costs by delivering trouble-free four-wheel drive power… without the need for power-reducing constant velocity (CV) or universal joints.

Internal Gear Components are continuously bathed in oil to reduce friction and wear, and provide a long service life.

Wet Multi-Disc Brakes last longer and provide sure response under heavy loads.

Differential Lock restores traction if a rear wheel slips. Just step on the heel pedal to lock the rear wheels and get moving again.

INNOVATIVE

"In Florida, we get play all year round, and our members expect the golf course to be in top condition every day. Weather, turf disease and insect control all play a part. So does the equipment we use. It takes a big investment to get the job done right, but maintenance is not a place where we look to cut corners. Downtime can mean the difference between ideal playing conditions, and a black eye. So when it comes to powering tools like aerators and sprayers, we look for tractors that not only do the job, but can also help us save wear and tear on our implements."

ANDY MAGUIRE
Golf Course Superintendent
Marsh Creek Country Club
St. Augustine, Florida

PROFESSIONALLY SPEAKING

All the bells and whistles...and then some.

Line up a bunch of compact tractors…ours and the other guys'. What kind of things are they going to have in common? Four-wheel drive? Let's hope so. Tilt-up hood? Maybe. Cruise control? Of course. But you have to look at the inside too. Because it's the details that make the difference. Check out what's being done to not only increase productivity, but make implements last longer and improve operator comfort. Innovative features designed to protect your investment give the Challenger MT200B Series the edge in the field. And then, of course, there's that one thing nobody else has: the legendary service of a Caterpillar dealer to back it all up. But more on that later.

Indirect Fuel Injection Technology

All diesel engines are not created equal. The indirect fuel injection technology in every Challenger compact provides more efficient combustion to achieve maximum horsepower and fuel efficiency from your engine. The system also reduces stress on crankshaft and bearings for longer life, less vibration, and less diesel "knock." All with fewer emissions that meet EPA standards through 2009.

The Challenger Smile

The rugged look of the front grille that comes from the big boys (MT700 and MT800 track tractors) is also practical…designed to allow the engine to breathe, even under dusty conditions.

Open Wide

Tilt-up hood puts the air cleaner, radiator screen and battery at your fingertips.

Side Effect

Quick release side panels come off with a quick tug to add oil or change the oil filter.

Dust Ejector Two-Stage Air Cleaner

Discharges filtered dirt automatically with a serviceable filter for more power and better fuel economy.

Independent PTO System

It's synonymous with productivity, reliability and convenience. But what the Challenger system really does is increase the working life of your implements by allowing the tools of your trade to function efficiently. The multi-disc PTO clutch is actuated hydraulically and controlled with a dash-mounted knob. Engage or disengage both rear and optional mid-PTO on-the-go. (No clutching, no reaching for levers.) The Rear and Mid-PTO run independently or simultaneously. So you can power a snow blower while operating a sand-salt spreader. Or mow and fertilize at the same time. In addition, you can control the rate of engagement by pressing a button next to the PTO switch (MT265B and up) that automatically modulates the flow of oil to the PTO clutch. The PTO is powered up smoothly, eliminating the shock load that can happen with engaging PTO. That protects the entire system and your tools (making it perfect for use with high inertia implements like rotary cutters and aerators for a higher level of driveline protection). And for added operator protection, the auto shut-off and neutral-start systems come standard with the Challenger PTO system.

Scooped Fender Design

Adds over 20% more hip room (and easy access to levers) without adding overall tractor width. The operator's station doesn't have to be one of the tight places you need to get into.

Take Control

Levers and controls are right where you'd expect them, with lots of room to grab hold.

PROFESSIONAL

"We use our tractors to do a lot of different jobs. One minute they're pulling a wagon loaded with plants, and next they're pulling a scraper blade or doing some loader work. We've also got a lot of different people doing those jobs. Some are real experienced, and then there's some that…well, let's just say they can tear up a machine real quick if we're not careful. So not only do we have to have tractors that fit a lot of jobs, they gotta be simple to operate."

AL RENTERIA
Technician
Skinner Nurseries
Crescent City, Florida

PROFESSIONALLY SPEAKING

Built to Produce

When you're on a Challenger tractor, you're not messing around. You're serious about that ground below you. Whether you're digging it up, cutting what grows in it, moving it from here to there, or just making everything nice and smooth, there's an MT200B Series model that will get the job done right. The power, precision and performance of a professional-grade machine are all at your command.

Power Train Technology

Challenger tractors give you a choice of transmission options to match the requirements of the job and the preferences of the operator.

Hydrostatic Transmission

Easy to use (cruise control is standard). Allows you to precisely match ground speed with specific applications (think spraying, aerating, mowing, etc.). Three ranges provide optimum balance of ground speed and torque.

PowerShuttle Transmission

Easily changes direction like a Hydrostatic transmission, then adds the efficiency and durability of a gear transmission. Together, it puts maximum diesel power to the ground when and where you need it. For operator ease, it changes direction with a dash-mounted lever and without clutching. A fully synchronized main gearbox (with three ranges for 12 forward and 12 reverse speeds) makes on-the-go gear changes smooth.

SynchroShuttle Transmission

Simple, economical, reliable. You get 8 forward and 8 reverse speeds and direction changes are accomplished on the go.

AutoPower IV™ Transmission

Four full power shifts within each of three ranges and a powershuttle. Downshift with the touch of a button or change direction with a dash-mounted lever. All on the go, all without clutching. The most advanced, easiest and productive gear transmission, it's available on the MT295B cab model.

TRANSMISSIONS	MT225B	MT255B	MT265B	MT275B	MT285B	MT295B
Hydrostatic	•	•	•	•	•	
PowerShuttle			•	•	•	•
SynchroShuttle			•	•	•	•
AutoPower IV						•
9 x 3 Constant Mesh						

Large Fuel Tank Capacity means less stops. Fill up (fuel tank is under the hood, not behind you for better visibility) with a large filler neck, then work all day.

New Pumped-Up Hydraulic System

One pump just isn't enough, especially when your implement needs all the power it can get. The new Challenger Dual-Gear Type hydraulic system moves more gallons of oil per minute to tools like loaders and backhoes for faster speed of operation than ever before, without robbing from the steering circuit. One pump powers implements and 3-point hitch, another powers steering and internal components… simultaneously and independently.

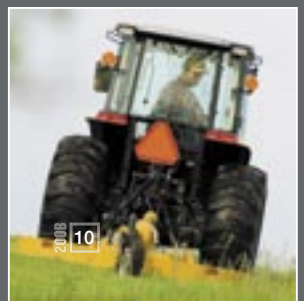
3-Point Hitch

The Challenger system lets you do the job not just right, but precisely right. Like grading. Anybody can raise and lower a box blade with the position control available on most tractors. The Challenger 3-point hitch takes quality to a higher level. It's sensitive and accurate enough to go right where a skilled operator's hand tells it to go…at exactly the right time. Telescopic link ends on most models come standard, making attachment of 3-point mounted implements easy and quick. Plus, increased lift capacities are among the industry's highest, giving you the power to handle larger implements for added productivity.








Climate controlled cabs.

What could we possibly do to the MT285B and MT295B to make them better? How about controlling Mother Nature…at least for the operator, that is.

Solid Construction

No off-the-rack models allowed. The Challenger six-post, ROPS certified cab is configured out of welded, one-piece construction and custom made for the tractor. Vibration is minimized via isolation mounting, and it measures up well on the dba scale, with an 81 dba rating on the MT285B and an 82 dba on the MT295B.

Temperature Control

Everywhere you look there's a vent. High, low, right, left. Eight of them surround the operator, delivering and circulating air throughout the cab at just the right temperature. Cold outside doesn't have to mean cold inside. Ditto with hot. Easy-to-reach heating and air-conditioning controls provide any climate necessary for comfort.

Smart Instrument Panel

A deluxe LCD read-out display not only provides quick access to the usual information, but also monitors tractor performance. Data on ground travel speed, actual PTO speed, mid or rear PTO operation, and gear and/or range setting is delivered immediately and accurately, and it also features an ability to alert the operator when service is needed.

Climb Aboard from Either Side

There's a door on the left, there's a door on the right. Standard. Enter and exit whichever is most convenient. A wider-than-the-competition threshold is standard too (keeping grunting and groaning to a minimum).

Unobstructed Views

Six panels of tinted glass provide the operator with excellent 360˚ visibility. A large mirror mounted on the left-hand door affords an at-a-glance view to the rear. And if by chance precipitation is the order of the day, a standard front wiper and washer keep things nice and clear anyway.

Let There be Light (and Sound)

And plenty of it. Standard lighting includes two front and two rear work lamps. Plus flashers and an interior light. Also standard? Pre-wired audio speakers for radio/cassette/CD player.

A Little Extra Muscle

You never know when you might need it. So, in addition to the standard joystick-controlled valve with mid-mounted remote couplers, all MT285B and MT295B cab models feature a two-spool, lever-controlled valve with rear-mounted couplers as standard equipment.

Transmissions Choices

The MT295B Cab features the AutoPower IV transmission, the most advanced, easiest and productive gear transmission.

The MT285B Cab features a Hydrostatic transmission that precisely matches ground speed with specific applications.


COMFORTABLE


MT 225B
Challenger
Hydrostatic

MT225B Hydrostatic and MT255B Gear & Hydro Tractors

Small Chassis With Large Capacity

Did you ever hear that old saying, "It's not the size of the dog in the fight, it's the size of the fight in the dog?" That pretty much describes Challenger's MT225B Hydrostatic and MT255B Gear & Hydro tractors. There's a lot of big in both these smaller machines.

Rugged, Innovative and Professional… Same as the Big Boys.

With the name Challenger on the side, you know you're getting a tractor built to produce and built to last. In the MT225B and MT255B, you'll find a lot of the same power, precision and performance attributes that also come standard on our large frame models. Just like every other MT200B series tractor, the undercarriages of the MT225B and MT255B models are made out of cast iron and steel.

Then there's the powerful diesel engines; Category I hydraulic 3-point hitch; 4-wheel drive; 540-rpm rear PTO and hydrostatic power steering…all standard. Even the hood and fenders are made out of heavy-duty steel to meet all your demands.

Comfort All Around

In the B-Series, we've even upgraded the operator's station. It starts with deluxe spring suspension-type seats that adjust to the operator's preference. Controls on the MT255B gear model have been repositioned from the floor to the left side to free up room. Thick rubber floor mats have been added to both models to cut down on vibration and noise. And the MT255B models feature folding ROPS standard.

The MT225B

Even the smallest of the Challenger MT200B series doesn't lack for power. Perfectly suited for mid-mount mowing, the MT225B also has the muscle to handle landscaping or nursery work when you need to get into some tight places.

A two-range hydrostatic transmission with cruise control comes standard. So too does an independent mid and rear PTO. Don't be fooled by the size. Put the MT225B to the test and find out the meaning of small but mighty.

The MT255B

The mid-sized MT255B beefs up the horses for even more power. Two models are available to suit your needs. Both feature a 28.4 gross engine HP, with a choice of an economical 9 x 3 constant mesh gear transmission or a 3-range hydrostatic model.

Both also give you an operator's station that's wide open. And with the MT255B gear transmission model, both the range and main gearbox selector levers are positioned to the operator's left, not in the middle of the platform.

For faster implement operation, the MT255B comes equipped with a dual gear-type hydraulic pump that features the highest hydraulic flow capacity in its class.

And if you're thinking about nursery applications, it's easy to slap on a set of optional AG tires and give the MT255B an outside-to-outside rear tire measurement of just 47".

You Asked For It. We Responded.

The Challenger MT200B Series now offers more standard features and more options for the professional operator than ever before.

- More hydraulic capacity for faster implement operation
- Scooped fenders for 20% more hip room and improved access to controls
- Sloped hood design for better visibility
- Tilt-up hood greatly improves access to service points
- Expanded grille area for better engine cooling capacity
- Radiator screen pulls up and out for easy cleaning
- Forward/Reverse Shuttle Operation is smooth
- Tilt Steering Column on most models
- Deluxe floor mats provide more cushion and reduce vibration
- Expanded platform for more legroom
- Telescopic Link Ends (PowerShuttle and HST models) make hookups easier
- 20% more 3-point hitch lift capacity than previous models
- Up to 34% more fuel tank capacity and fuel fill nozzle is bigger for faster fill-ups
- Ergonomically shaped joystick control
- Couplers are easy to access to make attaching loader easier
- Fuel tanks have been located under the hood for better visibility to the rear
- More transmission choices, including the new, Auto Power IV™
- Industry-leading PTO system allows operator to control rate of engagement
- New, heavy-duty front axles to withstand heavier loads











You know that "B" in Challenger MT200B Series? It stands for Better.

Better styling.
Better service points.
Better hydraulic flow capacity.
Better ergonomics.
All-round Better performance.

STANDARD FEATURES

Engine
- Liquid-cooled diesel engine
- Indirect fuel injection
- Dual stage air cleaner with dust ejector
- Glow plug starting aid
- 12-volt battery
- 40-amp alternator
- Slide-out radiator screen

Power Train
- Sealed wet multi-disc brakes
- Parking brake
- Rear differential lock
- Centerline drive system

Hydraulic System
- Cat I 3-point hitch with position and response (rate of drop) control
- Pin-type stabilizers
- Telescopic link ends (PowerShuttle and HST models)
- Open-center dual gear-type hydraulic system

PTO
- Independent 540 RPM rear PTO with electro-hydraulic engagement
- Wet multi-disc clutch

Front Axle
- Hydrostatic power steering
- Mechanical front wheel drive (4WD)

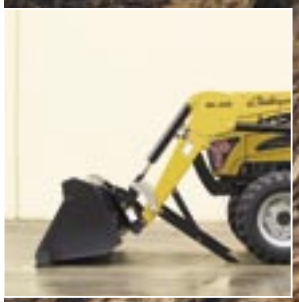
Operator Area
- Folding ROPS (Rollover Protective Structure)
- Spring-suspension seats
- Retractable seat belts
- Isolation mounted platform
- 3-position steering column
- Deluxe rubber floor mat
- Steel hood and fenders
- Tilt-up hood
- SMV emblem
- Neutral start switch
- Operator presence system

Instrumentation
- Temperature gauge
- Fuel gauge
- Tachometer and hour meter
- Indicator lights: engine oil pressure, PTO engagement, flashers, battery charge (alternator), high beam, glow plug indicator

Features available on most models

Tools of the Trade

What do you need to do? It doesn't matter. The Challenger name is on every implement you want. Which means ruggedness, innovation and professionalism are standard from rakes to tillers and loaders to cutters. Front-mount, rear-mount, mid-mount, any mount is easy-on, easy-off. You can try to find tougher tools, but you won't.



Front-End Loaders

- Move it…literally…with a new line of ML B-Series loaders custom-made specifically for Challenger compacts…all tested and tested again for durability and compatibility with tractor systems. Improved lift capacity, speed of operation, roll back and dump angle.
- New Pedestal-style mounting system: Loaders mount and dismount in minutes without the use of tools.
- Simple Joystick Control: Operation is simple and comfortable whether it's a joystick-controlled valve mounted to the tractor or the loader pedestal.
- Skid Steer Type Quick-Attach Hitch: Switch between implements fast or share tools with your skid steer loader. Attachments include heavy-duty buckets, pallet forks, and bale spear.

Backhoes

- Dig it. Go deep, even in a limited space. Perfect for trenching, landscaping and other excavation jobs where you need a multi-purpose machine to get into tight places.
- New quick-attach sub-frame mounting system.
- Cushioned swing cylinders save wear on backhoe and operator.

Specifications: Loaders

LOADER MODEL	ML10B	ML20B	ML30B	ML40B
Fits tractor model(s)	MT225B	MT255B	MT265B, MT275B	MT285B, MT295B
Max. lift height at pivot pin; in (mm)	74 (1,800)	90.0 (2,286)	102 (2,591)	114.5 (2,908)
Max. lift height under level bucket; in (mm)	68 (1,727)	84.0 (2,134)	94.5 (2,400)	107 (2,710)
Clearance with bucket dumped (45 deg.); in (mm)	53.9 (1,346)	71.0 (1,798)	80 (2,032)	84 (2,141)
Reach @ max. lift height; in (mm)	22 (559)	16.0 (406)	15 (381)	22 (559)
Reach with bucket on ground; in (mm)	51 (1,296)	52.0 (1,321)	58 (1,473)	75 (1,902)
Max. dump angle; deg.	51	44	47	47
Max. rollback angle; deg.	23	17	30	30
Digging depth; in (mm)	2 (51)	4.0 (102)	6.5 (165)	6.8 (173)
Lift capacity to max. height @ pivot pin with bucket; lbs (kg)	875 (397)	1,188 (539)	1,632 (740)	2,500 (1,134)
Lift capacity to max. height @ 19.5" (500 mm) beyond pivot pin with bucket; lbs. (kg)	624 (283)	813 (369)	1,112 (504)	1,921 (871)
Lift capacity to 59" @ 19.5" (500 mm) beyond pivot pin with bucket; lbs. (kg)	741 (336)	1,139 (517)	1,485 (674)	2,249 (1,020)
Breakout force @ pivot pin; lbs (kg)	1,854 (841)	2,387 (1,083)	2,720 (1,234)	3,252 (1,475)
Loader raise time to full height (no load); sec.	6	5.5	3.5	4.5
Loader lower time; sec.	4	3.2	2.1	2.9
Bucket dump time with regen.; sec.	4.8	2.2	3.1	1.1
Bucket curl time; sec.	4.3	3	1.9	3.3
Rated flow; GPM (lpm)	5.5 (21)	7.4 (28)	8.3 (31.4)	10.5 (40)
Relief valve PSI (bar)	1,990 (137)	2,130 (159)	2,310 (159)	2,310 (159)
Bucket width/capacity - heaped; in (mm)/cu. yd. (m3)	48 (1,219) / 0.23 (.18)	54 (1,372) / 0.26 (.20)	66 (1,676) / 0.51 (0.39)	72 (1,829) / 0.68 (0.52)

Loader cycle times are based on hydraulic flow rates at rated engine speed. Skid steer-type attachments available for ML30B and ML40B only.

LOADER SPECIFICATIONS

Specifications: Backhoes

BACKHOE MODEL	MH10B	MH20B	MH30B
Fits tractor model(s)	MT255B	MT265B, MT275B	MT285B, MT295B
Digging depth; in (mm)	78 (1,981)	90 (2,286)	100 (2,450)
Swing arc; deg.	180	180	180
Max reach from centerline of swing pivot; in (mm)	102 (2,590)	112 (2,850)	127 (3,225)
Transport height; in (mm)	63.8 (1,620)	75(1,905)	81.5 (2,070)
Bucket rotation; deg.	165	165	165
Hydraulic stabilizer spread, down; in (mm)	95 (2,413)	95 (2,413)	112 (2,845)
Hydraulic stabilizer spread, up; in (mm)	44 (1,118)	44 (1,118)	44 (1,118)
Digging force using bucket cylinder; lbs. (kg)	2,400 (1,088)	3,250 (1,477)	4,160 (1,887)
Digging force using dipperstick cylinder; lbs. (kg)	1,450 (658)	1,900 (863)	2,600 (1,179)
Bucket sizes; in (mm)	10, 12, 16 (254, 305, 406)	10, 12, 16, 24, 37 (254, 304, 406, 610, 940)	
Backhoe control valve main relief setting; psi (bar)	2,300 (159)	2,300 (159)	2,300 (159)

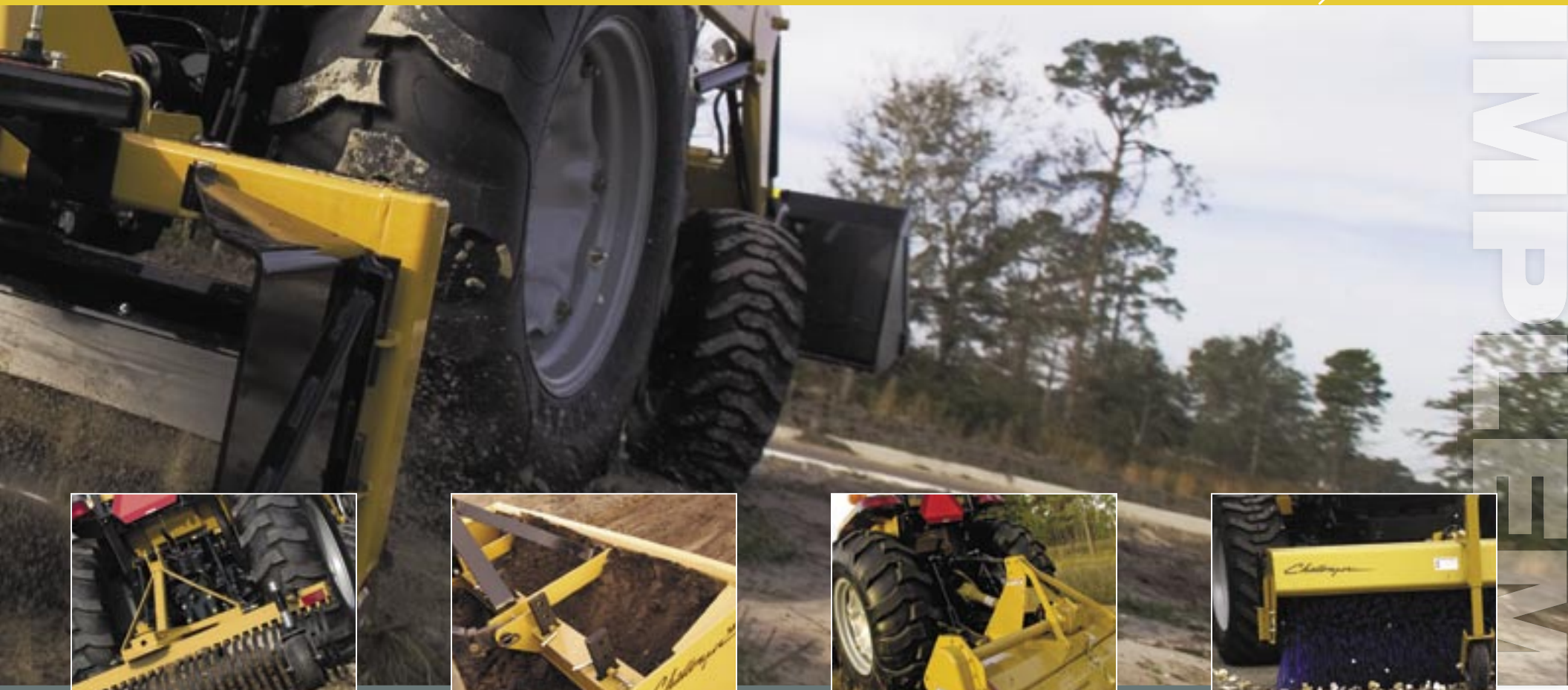
BACKHOE SPECIFICATIONS

3-Point Mounted Finish Mowers
- Great clip job. From a tiny patch of green to a wide expanse, smooth-cutting, rear-mount finishing mowers keep things well-trimmed.
- Rear Discharge, 3-Blades, 7-gauge steel deck for durability.
- Working Widths: 60” & 72”

Mid-Mount Mowers
- The salon cut. Two models of finishing mid-mounts give you a smooth, even lawn around any commercial acreage.
- Stamped, Tunnel-Deck design for improved distribution of clippings.
- Working widths: 60” & 72”

Rotary Cutters
- Cutting-edge performance.
- Standard-Duty Working Widths: 60” & 72”; Shearbolt Protection.
- Medium-Duty Working Width: 72”; Slip Clutch Protection.
- Heavy-Duty Working Width: 72”; Slip Clutch Protection.

Rear Blades
- Scrape and shape. Three widths, standard or medium duty let you grade a driveway, level a lawn or move a mountain of gravel, dirt or snow.
- Standard-Duty Working Widths: 60” & 72”; 7-forward, 5-reverse angle positions.
- Medium-Duty Working Width: 84”; Compatible with Category I or Category II hitch.



Landscape Rakes
- Clean sweep. Two widths let you prepare a seedbed, clear rocks and remove debris from your work site.
- Working Widths: 72” & 84”
- Individually replaceable, spring steel teeth.

Box Blades
- Makes the grade.They level the unlevel, smooth the rough, and are equipped with replaceable, adjustable heat-treated points and shanks.
- Working Widths: 60” & 72”

Rotary Tillers
- Ground control. Got a couple of minutes? Turn tough soil into a smooth garden spot or flower bed.
- Standard-Duty Working Width: 60”
- Medium-Duty Working Widths: 60” & 72”
- Heavy-Duty Gear Drive and Slip Clutch Protection.

Front-Mounted Tools
- Jack of all trades. Snow blower, rotary broom, dozer blade, debris blower…quick attach tools let you plow through heavy chores quickly.

IMPLEMENTS

OPTIONS AND ACCESSORIES

Other Options and Accessories Include:

- Auxiliary hydraulic valves with rear-mounted couplers
- Top link draft sensing
- Mid PTO
- Right side platform step
- 3-point mounted suitcase weight carrier
- Front bumper
- Weather break
- Rear work lights
- Block heater

Tire Options:

Specifications: MT200B Series Tractors

MODEL		MT225B
ENGINE	Gross Engine Horsepower (kw)	22.5 (16.8) @ 2,600
	PTO hp (kw) @ Rated Engine RPM (Gear Trans.)	N/A
	PTO hp (kw) @ Rated Engine RPM (Hydro Trans.)	17.6 (14.2) @ 2,600
	Aspiration - # of Cylinders	Natural - 3
	Total Displacement; in.3 (liters)	68.5 (1.1L)
FUEL SYSTEM	Injection Type	Indirect
	Fuel Capacity; gal (l)	6.6 (25)
GEAR TRANSMISSIONS	Type - Standard	N/A
	Type - Optional	N/A
	Type - Optional	N/A
	Clutch - PowerShuttle	N/A
	Clutch - Main	N/A
	Min. - Max. Travelling Speed; mph (kph)	N/A
HYDROSTATIC (HST) TRANSMISSIONS	No. of Ranges	2
	Cruise Control	Yes
	Forward Speeds; mph (kph)	0 - 13.5 (0 - 21.8)
POWER TAKE-OFF (PTO)	Type	Independent
	Rear PTO; RPM @ Rated Engine RPM	540
	Mid PTO	Standard - 2,000 RPM
	Clutch	Wet Multi-Disc
3-POINT HITCH	ASAE Category	Category I
	Lift Capacity @ Hitch Point; lbs. (kg)	1,190 (540)
	Lift Capacity @ 24" Behind Ball Ends; lbs. (kg)	591 (268)
	Lift Control Type	Position, Response
	Link Ends	Fixed
HYDRAULICS	System Type	Open Center
	Total Pump Flow @ Rated Engine RPM; gpm (lpm)	8.1 (31)
	System Pressure; psi (bar)	1,990 (137)
	Flow to Remotes / 3-pt. Hitch; gpm (lpm)	5.5 (21)
	Power Steering Pump; gpm (lpm)	2.64 (10)
POWER STEERING	Type	Hydrostatic
BRAKES & FINAL DRIVES	Brake Type	Wet Multi-Disc
	4-Wheel Drive	Standard
	Rear Differential Lock	Standard
OPERATOR AREA	Platform	Semi-flat
	Roll Over Protection System (ROPS)	Fixed
	Seat	Suspension
DIMENSIONS & WEIGHTS WITH STANDARD R4 TIRES	Wheelbase; in. (mm)	59.8 (1,520)
	Overall Length w/3-point hitch; in (mm)	102.0 (2,590)
	Minimum Overall Width; in (mm)	48 (1,220)
	Min. Treadwidth - Front; in. (mm)	35.6 (904)
	Min. Treadwidth - Rear; in. (mm)	35.6 (904)
	Min. Turning Radius w/o Brakes, w/o 4WD; in. (mm)	94.5 (2,400)
	Height Over ROPS Up; in. (mm)	77.0 (1,955)
	Ground Clearance; in (mm)	10.4 (265)
	Operating Weight (field ready); lbs. (kg)	1,604 (730)
TIRES	R1 Agricultural (front; rear)	6-12 4 Ply ; 9.5-16 6 Ply
	R1 Agricultural (front; rear)	N/A
	R3 Turf (front; rear)	23 x 10.50-12 4 Ply ; 33 x 12.50 -16.5 4 Ply
	LSW Hi-flotation Turf (front; rear)	N/A
	R4 Industrial (front; rear)	23 x 8.50-12 6 Ply ; 12 x 16.5 6 Ply

MT255B	MT265B	MT275B	MT285B	MT295B
28.4 (21.2) @ 2,500	33.0 (24.6) @ 2,600	40.1 (29.9) @ 2,600	47.5 (35.4) @ 2,600	52.1 (38.9) @ 2,600
24.2 (18.0) @ 2,500	26.0 (19.4) @ 2,600	31.0 (23.1) @ 2,600	38.0 (28.3) @ 2,600	41.0 (30.6) @ 2,600
22.3 (18.0) @2,500	24.5 (18.3) @ 2,600	29.5 (22.0) @ 2,600	36.5 (27.2) @ 2,600	N/A
Natural - 3	Natural - 3	Turbo - 3	Natural - 4	Natural - 4
89.3 (1.45L)	91.4 (1.5L)	91.4 (1.5L)	134.1 (2.2L)	180.0 (3.0L)
Indirect	Indirect	Indirect	Indirect	Indirect
7.9 (30L)	10.6 (40)	10.6 (40)	13.2 (50L)	13.2 (50L)
9F x 3R Constant Mesh	8F x 8R SynchroShuttle (SS)	8F x 8R SynchroShuttle (SS)	8F x 8R SynchroShuttle (SS)	8F x 8R SynchroShuttle (SS)
N/A	12F x 12R PowerShuttle (PS)	12F x 12R PowerShuttle (PS)	12F x 12R PowerShuttle (PS)	12F x 12R PowerShuttle (PS)
N/A	N/A	N/A	N/A	12F x 12R AutoPower IV (AP IV)
N/A	Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc	Wet Multi Disc
2 - Stage Dry	Split Torque Dry	Split Torque Dry	Split Torque Dry	Split Torque Dry
1.22 - 13.72 (1.96 - 22.1)	0.98 - 15.9 (1.58 - 25.6) (SS)	1.03 - 16.6 (1.65 - 26.8) (SS)	0.95 - 18.1 (1.52- 29.0) (SS)	0.93 - 17.7 (1.5 - 28.5) (SS)
	0.23 - 15.9 (0.37 - 25.6) (PS)	0.24 - 16.6 (0.39 - 26.8) (PS)	0.22 - 18.1 (0.36 - 29.0) (PS)	0.22 - 17.7 (0.35 - 28.5) (PS)
3	3	3	3	N/A
Yes	Yes	Yes	Yes	N/A
0 - 13.10 (0 - 21.1)	0 - 18.8 (0 - 30.2)	0 - 18.8 (0 - 30.2)	0 - 18.6 (0-29.9)	N/A
Live - Gear, Independent - HST	Independent	Independent	Independent	Independent
540	540	540	540	540
Std. - HST, Opt. Gear - 2,000 RPM	Optional - 2,000 RPM	Optional - 2,000 RPM	Optional - 2,000 RPM	N/A
Wet Multi-Disc - HST	Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc
Category I	Category I	Category I	Category I	Category I
2,425 (1,100)	2,800 (1,270)	2,800 (1,270)	3,483 (1,580)	3,483 (1,580)
1,610 (730)	2,535 (1,150)	2,535 (1,150)	3,086 (1,400)	3,086 (1,400)
Position, Response, Draft (opt.)	Position, Response, Draft (opt.)	Position, Response, Draft (opt.)	Position, Response, Draft (opt.)	Position, Response, Draft (opt.)
Fixed	Telescopic (fixed Synchroshuttle)	Telescopic (fixed Synchroshuttle)	Telescopic	Telescopic
Open Center	Open Center	Open Center	Open Center	Open Center
10.0 (37.8)	12.7 (48.1) SS & HST; 13.7 (51.9) PS	12.7 (48.1) SS & HST; 13.7 (51.9) PS	14.9 (56.6) SS & HST; 15.9 (60.4) PS	16.2 (61.5) SS; 17.3 (65.6) PS & AP IV
2,134 (147)	2276 (157)	2,276 (157)	2,276 (157)	2,276 (157)
7.4 (28)	8.3 (31.3)	8.3 (31.3)	10.5 (39.8)	11.4 (43.2)
2.6 (9.8)	4.4 (16.8) SS & HST; 5.4 (20.6) PS	4.4 (16.8) SS & HST; 5.4 (20.6) PS	4.4 (16.8) SS & HST; 5.4 (20.6) PS	4.8 (18.3) SS; 5.9 (22.4) PS & AP IV
Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic	Hydrostatic
Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc	Wet Multi-Disc
Standard	Standard	Standard	Standard	Standard
Standard	Standard	Standard	Standard	Standard
Semi-flat	Semi-Flat Isolation Mounted	Semi-Flat Isolation Mounted	Fully-Flat Isolation Mounted	Fully-Flat Isolation Mounted
Folding	Folding	Folding	Folding	Folding
Suspension	Suspension	Suspension	Suspension	Suspension
65.6 (1,665)	69.7 (1,770)	69.7 (1,770)	74.8 (1,900)	76 (1,930)
112.4 (2,855)	121 (3,070)	121 (3,070)	132.7 (3,370)	132.7 (3,370)
55.1 (1,400)	62.2 (1,580)	62.2 (1,580)	65.4 (1,660)	65.4 (1,660)
39.6 (1,006)	45.0 (1,143)	45.0 (1,143)	51.9 (1,318)	51.9 (1,318)
37.6 (955)	46.5 (1,181)	46.5 (1,181)	51.1 (1,297)	51.1 (1,297)
110 (2,800)	110.2 (2,800)	110.2 (2,800)	TBA	TBA
80.7 (2,050)	87.4 (2,220)	87.4 (2,220)	90.0 (2,290)	90.0 (2,290)
10.0 (255)	14.0 (356)	14.0 (356)	14.8 (375)	14.8 (375)
2,423 (1,100)	3,136 (1,422)	3,169 (1,437)	3,660 (1,660)	3,726 (1,690)
7-14 6 Ply ; 9.5 x 24 6 Ply	8 - 16 6 Ply; 12.4 - 24 6 Ply	8 - 16 6 Ply; 12.4 - 24 6 Ply	9.5 - 16 6 Ply; 16.9 - 24 6 Ply	9.5 - 16 6 Ply; 16.9 - 24 6 Ply
N/A	8 - 16 6 Ply; 13.6 - 24 6 Ply	8 - 16 6 Ply; 13.6 - 24 6 Ply	N/A	N/A
24 x 8.50-14 4 Ply ; 36 x 13.50-15 4 Ply	27 x 8.50 - 15 4 Ply; 41 x 14.00 - 20 4 Ply	27 x 8.50 - 15 4 Ply; 41 x 14.00 - 20 4 Ply	27 x 10.50 - 15 4 Ply; 44 x 18.00 - 20 4 Ply	27 x 10.50 - 15 4 Ply; 44 x 18.00 - 20 4 Ply
N/A	305R343 - 610R470	305R343 - 610R470	27 x 12LL - 15 6 Ply; LSW570 x 648 6 Ply	27 x 12LL - 15 6 Ply; LSW570 x 648 6 Ply
25 x 8.50-14 6 Ply ; 12.50/80-18 10 Ply	10 - 16.5 6 Ply; 14.9 - 24 6 Ply	10 - 16.5 6 Ply; 14.9 - 24 6Ply	10 - 16.5 6 Ply; 17.5L - 24 6 Ply	10 - 16.5 6 Ply; 17.5L - 24 6 Ply

SERVICE

Exceptional Service…Synonymous with Caterpillar Dealers, Standard with Challenger Tractors.

Once you purchase Cat equipment, you'll never go back. There's a simple reason Caterpillar service is legendary, you know. It's because nobody else even comes close. With the full Challenger line of tractors, Caterpillar dealers have a rock-solid commitment to your business…big or small. Just like you, they don't take downtime lightly. The support Cat dealers are known for around the world, for heavy-duty machinery, is the same support now available to you. Whether it's a mobile service truck loaded with more diagnostic equipment than most repair shops, trained technicians who work as hard at preventing problems as they do at fixing them, or a 24-hour a day parts network, you've got a service partner ready to minimize downtown and maximize your productivity.

There is no better dealer network in the world than Caterpillar, and no better line of tractor equipment they service than the Challenger brand.

Routine Maintenance Made Easier.

The basics should be basic, right? That's why it only takes a minute or two to check filters and screens or add essential fluids on any MT200B tractor. A new tilt-up hood improves access to the engine compartment and service points like the air cleaner, the battery and the radiator screen. Leave the hood down if all you're checking is the oil. A cutout in the side panel puts the dipstick right at your fingertips. For hydraulic oil, check the level by looking through a sight glass. Both engine and hydraulic oil can quickly be added through filler tube extensions. It's all routine, all done fast, and all without tools. Which leaves plenty of room in the built-in toolbox for a couple of peanut butter and jelly sandwiches. (There's even a cupholder to keep something hot or cold handy.)

At Challenger Finance, we understand that financing is as much a part of your purchase decision as the features and benefits of the product. So we're committed to providing the best means of acquiring the equipment you need, while allowing you to preserve other credit lines of operating capital.

We offer flexible payment schedules, flexible terms, quality service, competitive rates, comprehensive financing and leasing options, and virtually unlimited resources. All are available under one roof, at your authorized Caterpillar dealership.

Challenger® FINANCE

Thanks to John Duncan and the entire Ring Power Caterpillar team for all their help.

CH05437
AGCO Corporation, 4205 River Green Parkway, Duluth, GA 30096 CH200B_S (07) 15 PD