

**CASE**  
CONSTRUCTION

**M SERIES**  
CRAWLER DOZERS

750M | 850M | 1150M | 1650M | 2050M



# PUT MORE POWER TO THE GROUND.

CASE M Series – the industry’s first line of dozers with powerfully efficient SCR (Selective Catalytic Reduction) technology built in. Best-in-class drawbar pull and class-leading horsepower provide unbeatable pushing power, while enhanced controls with adjustable settings make it easy to match machine performance to ground conditions or operator preference. Even the cab has been redesigned to be quieter and more comfortable than ever before. More strength. More command. More done. Meet the M Series.



**Best-in-Class  
Drawbar Pull\***

\*Excludes 1650M and 2050M



**Exclusive SCR\*  
Tier 4I Engine**

\*Excludes 750M



**Industry-Leading  
Visibility**



**Positive-Pressure  
Cab**



## Models Available



★ Shuttle, Steering & Blade Sensitivity\* Settings

\*Blade sensitivity not available on 750M or 850M

★ Protected by ProCare

# ALL-POWERFUL.



## AN EXCLUSIVE TIER 4I SOLUTION

CASE M Series are the only dozers powered exclusively by fuel-efficient SCR technology\*. Rather than compromise power, this after-treatment system lets the engine do what it does best – run at peak performance. The hydrostatic transmission is able to deliver the force and drawbar pull required to move more material while achieving up to 10% fuel savings over the L Series. Plus, SCR is simple. No regeneration. No downtime. Just pour and go.

\*Excludes 750M

## THE BEST DRAWBAR PULL AND MASSIVE TORQUE

Thanks to a highly efficient hydrostatic transmission, M Series dozers offer massive amounts of torque and horsepower to provide unbeatable pushing power under extreme loads.

## PATENTED EQUISTATIC DEVICE BALANCES BLADE STRESS

The intelligent design of our exclusive equistatic device distributes force evenly to both pushing beams regardless of blade tilt or load position. The result? Longer chassis life, reduced wear to arm components and a balanced load that maximizes power. Available on the Semi-U and straight blades for the 1650M and 2050M.

## ROBUST C-FRAME\*

With dozers so strong, CASE needed to design a new C-frame to support the blade forces. This heavy-duty, one-piece frame is box style instead of slab cut to provide greater durability, especially when working with an angled blade.

\*On machines with PAT blades; excludes 750M

## IMPROVED COOLING PACKAGE\*

A V-shaped cooling package enables M Series dozers to maintain optimal performance in ambient temperatures up to 122° F (50° C). Its efficient setup, together with a hydraulic reversible fan with programmable intervals, saves time and money by reducing radiator cleaning intervals and even helping to cut fuel consumption.

\*Available on 1650M and 2050M



	750M WT PAT Blade	850M LGP PAT Blade	1150M LGP PAT Blade	1650M LGP PAT Blade	2050M XLT Semi-U Blade
Engine - Net hp (kW) @ 2000 RPM	92 (69)	112 (84)	127 (95)	150 (112)	214 (160)
Operating weight – lb. (kg)	20,140 (9 090)	21,560 (9 779)	31,134 (14 122)	37,750 (17 123)	45,398 (20 592)
Maximum drawbar pull – lb. (kN)*	42,813 (190.4)	42,813 (190.4)	48,000 (213.5)	61,200 (272.2)	80,979 (360.0)

NOTE: \*Measured using standard track chain. Increase travel speeds by 4% and reduce drawbar pull by 4% with the optional CELT track chain.



Cab-forward design  
creates exceptional  
visibility of blade edge.



# PRECISE CONTROLS. PRODUCTIVE COMFORT.

## ADJUSTABLE SHUTTLE & STEERING SETTINGS

Whether fine-grading or operating at full speed, comfortable control is crucial to getting the job done right. The M Series lets operators match their preference – or experience level – to the task at hand by adjusting between three shuttle (forward-to-reverse) and steering sensitivity settings: Smooth for subtle adjustments, Moderate for normal operation or Aggressive for quick response.



## ENHANCED FINGERTIP BLADE CONTROLS

CASE dozers put convenient blade controls right at your fingertips. Operators can adjust sensitivity of the blade movement to match operator preference and job site requirements on the 1650M and 2050M. Adjustments to blade sensitivity are made through the Advanced Instrument Cluster (AIC). There are also dedicated buttons for automatic Blade Shake to help with shedding material off the blade, and a Fine Grading command, which instantly cuts blade speed by 40% for increased accuracy.



Convenient controls put blade and steering adjustments at your fingertips.

## A CLEANER, QUIETER CAB

M Series dozers offer an all-new cab. True positive pressure with advanced sealing helps keep out dirt, dust and noise, and creates a working environment with one of the industry's lowest sound ratings. The improved cab also offers an isolated design to reduce cab vibration for a smoother, more comfortable ride.



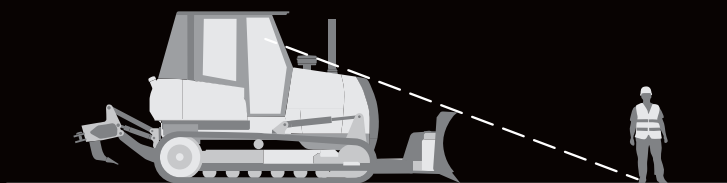
## UNMATCHED VISIBILITY

See objects and obstacles sooner. With an optimized cab-forward design, a sloped hood and relocated door handles, M Series dozers offer excellent vision of the blade edge and a cab-to-ground line-of-sight distance as short as 15 feet 6 inches\* – twice as close as competitive models.

\*15-foot-6-inch cab-to-ground range on the 2050M with PAT blade



Enhanced operator environment includes upgraded dashboard and suspension seat.



# MAINTENANCE MADE EASY.

## SERVICEABILITY IS IN OUR DNA

When you invest in CASE equipment, you need it to last. We make it simple. CASE M Series dozers are no exception. From heavy-duty panels with pressure-closing latches to grouped greasing points, you can do daily maintenance in a matter of minutes. It's the easiest way to help you get the most performance and longest life out of your machine.

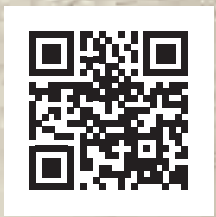


### EASY ACCESS TO EVERYTHING

- |                         |  |                      |                               |
|-------------------------|--|----------------------|-------------------------------|
| 1. Hydraulic test ports | 5. Flip-out doors  | 8. Fuel and DEF fill | 11. Centralized grease points |
| 2. Fan belts            | 6. Electric fuses  | 9. 3 belly pans      | 12. Air filter                |
| 3. Oil fill             | 7. Multi-functional control valve and hydraulic component access | 10. Valves           | 13. Engine oil dipstick       |



SEE A 360° VIEW



CaseCE.com/360



**NO TOOLS NEEDED**

The M Series dozers continue the CASE hallmark of simple serviceability with features like tool-free access to routine maintenance points.



“Outstanding power and awesome cutting capability. Home run.”

— DAVID LYON



# ProCare

## GO BIG. WE'VE GOT YOU COVERED.

CASE ProCare is the first all-in-one heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on M Series crawler dozers and keeps you covered for up to three full years. It's the assurance growing businesses need to stay competitive, productive and profitable.

### Breakdown Assistance

Standard on all CASE equipment.

**3K**



**3-year/3000-hr.  
Full-Machine  
Factory Limited  
Warranty\***

We've got your back —  
for up to three full years!

**3-year/3000-hr.  
Planned  
Maintenance**

Don't spend a dime for  
CASE-certified scheduled  
care – fluids, filters and  
labor included.

**3-year Advanced  
SiteWatch™  
Subscription**

Telematics isn't a  
luxury; it's a necessity  
— and we've made it  
accessible to all.



**PARTS  
& SERVICE**

## STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows best how you can maximize your equipment investment and uptime, with genuine CASE parts, expert service and a complete range of product support solutions – including CASE remanufactured and all-makes parts. CASE supports better parts availability and faster deliveries, through nine parts distribution centers in North America and a forecasting system to ensure that the right parts will be there when you need them. And only CASE dealers have exclusive access to the Electronic Service Tool that quickly pinpoints machine issues to help maximize uptime.

\*See CNH Warranty and Limitation of Liability for complete terms and limits of warranty. ProCare is a factory-fit program available on select 2013 and later machines.



# ATTACHED TO STRENGTH.

## COMPATIBLE WITH TOP BLADE GUIDANCE SYSTEMS

For enhanced leveling performance, M Series dozers are compatible with the most popular GPS and laser guidance systems. Factory-installed base kits are available for Leica, Topcon and Trimble® electronic blade controls.



## SPECIALIZED KITS AVAILABLE

Several heavy-duty attachments and DIA kits are available to optimize M Series dozers for specialized applications. See your CASE dealer for a complete list of options.

- Forestry Package
- Landfill Package (1650M and 2050M)
- Factory-Installed Base Kit
- Winch



## CASE EXTENDED LIFE TRACKS (CELT)

M Series can be fitted with our heavy-duty CELT undercarriage system, which is ideal for sand and highly abrasive conditions. With hardened rotating bushings that spin freely around the pin to spread load, the CELT design can result in twice the wear life of standard tracks.



# THE M SERIES CRAWLER DOZERS



## SPECIFICATIONS

	750M WT PAT Blade	850M LGP PAT Blade	1150M LGP PAT Blade	1650M LGP PAT Blade	2050M XLT Semi-U Blade
Engine	FPT F5HFL413J	FPT F4HFE413P	FPT F4HFE613F	FPT F4HFE6132	FPT F4HFE613J
Engine cylinders	4	4	6	6	6
Displacement – in. <sup>3</sup> (L)	208 (3.4)	275 (4.5)	409 (6.7)	409 (6.7)	409 (6.7)
Net hp (kW) @ 2000 RPM	92 (69)	112 (84)	127 (95)	150 (112)	214 (160)
Emissions certification*	Tier 4 Interim (CEGR/DPF)	Tier 4 Interim (SCR)	Tier 4 Interim (SCR)	Tier 4 Interim (SCR)	Tier 4 Interim (SCR)
Operating weight – lb. (kg)	20,140 (9 090)	21,560 (9 779)	31,134 (14 122)	37,750 (17 123)	45,398 (20 592)
Blade width – in. (mm)**	124 (3 150)	124 (3 150)	132 (3 353)	156 (3 962)	135 (3 422)
Blade capacity – yd <sup>3</sup> (m <sup>3</sup> )	2.22 (1.70)	2.62 (2.00)	4.16 (3.18)	5.28 (4.04)	7.29 (5.57)
Maximum drawbar pull – lb. (kN)***	42,813 (190.4)	42,813 (190.4)	48,000 (213.5)	61,200 (272.2)	80,979 (360)
Max travel speed – mph (kph)	5.8 (9.3)	5.8 (9.3)	5.8 (9.3)	5.8 (9.3)	5.8 (9.3)
Total flow – gpm (L/min)	20.3 (78.8)	20.3 (78.8)	34.9 (132)	34.9 (132)	40.4 (153)

## DIMENSIONS

Height to top of cab	9 ft. 3 in. (2 819 mm)	9 ft. 1 in. (2 770 mm)	9 ft. 8 in. (2 948 mm)	9 ft. 7 in. (2 921 mm)	10 ft. 2 in. (3 103 mm)
Ground clearance****	1 ft. 2 in. (355 mm)	1 ft. 2 in. (361 mm)	1 ft. 1 in. (331 mm)	1 ft. 1 in. (321 mm)	1 ft. 1 in. (325 mm)
Blade height**	2 ft. 9 in. (841 mm)	3 ft. 0 in. (914 mm)	3 ft. 8 in. (1 119 mm)	3 ft. 10 in. (1 167 mm)	3 ft. 8 in. (1 105 mm)
Blade lift above ground	2 ft. 10 in. (853 mm)	2 ft. 10 in. (874 mm)	3 ft. 2 in. (956 mm)	3 ft. 8 in. (1 130 mm)	3 ft. 10 in. (1 168 mm)
Blade depth below ground	1 ft. 9 in. (531 mm)	1 ft. 7 in. (483 mm)	1 ft. 9 in. (539 mm)	1 ft. 9 in. (539 mm)	1 ft. 10 in. (545 mm)
Length of track on ground	7 ft. 5 in. (2 266 mm)	7 ft. 9 in. (2 352 mm)	8 ft. 6 in. (2 591 mm)	10 ft. 0 in. (3 050 mm)	10 ft. 9 in. (3 277 mm)
Length, blade straight with ripper	16 ft. 8 in. (5 086 mm)	17 ft. 2 in. (5 233 mm)	20 ft. 2 in. (6 150 mm)	21 ft. 11 in. (6 670 mm)	22 ft. 11 in. (6 983 mm)
Width, blade straight	9 ft. 4 in. (2 845 mm)	10 ft. 4 in. (3 150 mm)	11 ft. 0 in. (3 353 mm)	13 ft. 0 in. (3 962 mm)	12 ft. 8 in. (3 861 mm)
Width, over track	7 ft. 10 in. (2 388 mm)	8 ft. 2 in. (2 489 mm)	8 ft. 0 in. (2 438 mm)	9 ft. 5 in. (2 870 mm)	10 ft. 5 in. (3 175 mm)
Link pitch	6.73 in. (171 mm)	6.73 in. (171 mm)	6.9 in. (175 mm)	7.5 in. (190 mm)	7.98 in. (202.8 mm)

NOTE: \*CEGR = Cooled Exhaust Gas Recirculation; DPF = Diesel Particulate Filter; SCR = Selective Catalytic Reduction.

\*\*Various blade options available for each track configuration.

\*\*\*Measured using standard track chain. Increase travel speeds by 4% and reduce drawbar pull by 4% with the optional CELT track chain.

\*\*\*\*Track configuration may impact ground clearance.



## BUILDING A STRONG CASE

Already in high gear with the arrival of founder J.I. Case's portable steam engine in 1869, we found ourselves at the heart of the road construction boom of the early 1900s. The path was set. Today, CASE is a game changer in construction equipment, financing, parts and service.

Revolutionary is nothing new to CASE, as innovations like the integrated backhoe loader (1957), Ride Control™, over-center boom design and ProCare have shown. It's this ingenuity and spirit that fuels our ongoing pursuit of building industry-leading performance and productivity into every machine throughout our full line of light to heavy equipment.

All of this is backed by a portfolio of more than 10,000 OEM, REMAN and Gold Value parts, more than 350 North American dealer locations, and unmatched financial and insurance services that ensure the best support is always within reach. When all is said and done, our strength is only as solid as the machines we engineer, the support and service we give, and most importantly, the vote of confidence CASE customers have with every bit of it.



Specialized finance programs and flexible leasing packages put you in the driver's seat of industry-leading CASE equipment, while no-nonsense warranties and comprehensive protection plans ensure that your equipment is protected. As the only finance company dedicated to CASE, we offer strong products and services designed around your unique needs and are the only ones supported by the helpful service professionals at your CASE dealer.

To learn more about CASE or for attentive customer service, visit your nearest dealer, call 1-866-54-CASE6 or visit us online at [CaseCE.com](http://CaseCE.com).





## CaseCE.com



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Form No. CCE201404Dozer  
Replaces Form No. CCE201401Dozer



### **SAFETY™ NEVER HURTS**

Always read the Operator's Manual before operating any equipment. Inspect equipment before using it, and be sure it is operating properly. Follow the product safety signs and use any safety features provided.

NOTE: All engines meet current EPA emissions regulations.

NOTE: All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



Contains 10%  
post-consumer fiber

IMPORTANT: CASE Construction Equipment Inc. reserves the right to change these specifications without notice and without incurring any obligation relating to such change. Availability of some models and equipment builds vary according to the country in which the equipment is used. The illustrations and text may include optional equipment and accessories and may not include all standard equipment. Your CASE dealer/distributor will be able to give you details of the products and their specifications available in your area.



CASE Construction Equipment  
is biodiesel-friendly.