



CASE
CONSTRUCTION

M SERIES DOZERS



650M | 750M | 850M | 1150M | 1650M | 2050M



TRUTH IN POWER. TRUTH IN PRECISION.

CASE M Series dozers are among the most powerful and efficient in the dirt — and now even more precise with factory-fit machine control. This simplifies the selection process and makes it easier than ever to increase productivity, improve performance and reduce the wear-and-tear on your dozer fleet. Match that with industry-leading power, extreme visibility to the work area, an intuitive operator experience, CASE ProCare and the full support of the CASE dealer network. CASE M Series dozers are built to drive your success whether the goal is mass earthmoving or a fine finish.

- + **Industry-Leading Drawbar Pull and Power***
- + **Industry-Leading Visibility to the Blade and Tracks**
- + **Robust Undercarriage with Extended-Life Track Options**
- + **Factory-Fit Machine Control****
- + **Compatible with all Major Machine Control Solutions**
- + **Independently Set Shuttle, Steering and Blade Sensitivity*****
- + **Protected by ProCare**
- + **Grouped Service Points and Easy Maintenance for Optimal Uptime**



650M



750M



850M



1150M



1650M



2050M

*650M-850M has Best-in-class drawbar pull.

**750M through 2050M models.

***Blade sensitivity not available on 650M.



TRACK CONFIGURATIONS

LONG TRACK (LT)

Narrowest track width made for working in rocky and harder underfoot conditions.

WIDE TRACK (WT)

Great all-purpose track with excellent power and stability.

LOW GROUND PRESSURE (LGP)

Wide track with excellent flotation for working in softer conditions.

WHERE IRON MEETS EARTH

Dozer success is built on the foundation of the tracks and undercarriage. CASE ensures that you're riding and pushing on the right platform with tracks and configurations for every type of work.



INDUSTRY LEADING DRAWBAR PULL AND POWER*

Tractive effort and pushing power sets the best apart from the rest, and CASE M Series dozers feature best-in-class drawbar pull*, extremely powerful hydraulics and intuitive controls on site.



TRACK OFFERINGS FOR EVERY GROUND CONDITION

CASE M Series undercarriages are designed to be robust, to allow for easier maintenance, and with the ability to offer multiple options. The SALT (Sealed and Lubricated Track) is CASE's versatile standard offering for all models. The Ultra Life Track** has a wet lubed chain bushing extending track life in all conditions. The Max Life track*** has a dry rotating bushing extending track life in most conditions except for highly abrasive material or high impact conditions.



ROBUST C-FRAME ADDS STRENGTH

CASE dozers with PAT blades feature a heavy-duty, one-piece box-style frame (instead of slab cut) to provide greater durability, especially when working with an angled blade.



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. This results in longer chassis life, reduced wear to arm components, and a balanced load to maximize power. (Available on Semi-U and straight blade configurations for the 1650M and 2050M).



INDUSTRY-SPECIFIC GUARDING AND CONFIGURATIONS

Choose from a variety of heavy-duty attachments, DIA kits and application-based guarding solutions like our landfill packages or forestry kits to match your application. Work with your local CASE dealer and our segment teams to identify the proper match of guarding and accessories to your application.



BLADE OPTIONS FOR EVERY JOB

Ground conditions and dozing demands vary in every region and application. Straight, PAT, Foldable PAT, Semi-U, Bulldozer configuration — CASE offers blade and pushing options for every style of work.

*650M-850M has Best-in-class drawbar pull.
**1650M and 2050M dozers.
***650M through 1150M dozers.

YOU ARE IN CONTROL

The CASE M Series helps shake the stigma that dozers are among the toughest earthmovers to operate. A comfortable workstation, intuitive controls and industry-leading visibility empower operators to take total control over the jobsite and the work in front of them.



ADJUSTABLE BLADE, SHUTTLE & STEERING*

Each operator is different — CASE M Series dozers allow the operator to dial in the shuttle (forward-to-reverse), steering and blade sensitivities to match their preference, experience level and the conditions of the jobsite in front of them. Smooth for very deliberate movement; Moderate for regular operation; and Aggressive for fast and immediate response.



ENHANCED FINGERTIP BLADE CONTROLS

In addition to the blade sensitivity capabilities on the 1150M through the 2050M, CASE M Series dozers offer additional features at the operator's fingertips. This includes Blade Shake to help shed material off the blade, and a Fine Grading command that cuts blade speed by 40 percent for increased accuracy.



GREATER VISIBILITY TO THE WORK

Visibility to the blade, the tracks and the work area is critical for dozer operators. The CASE cab-forward design, sloped hood, floor-to-ceiling glass, handle placement, console configuration — even the low-profile front idler design on the undercarriage — all lead to optimal visibility for the operator.



COMFORT IN. JOBSITE OUT.

A true positive-pressure cab with advanced sealing helps keep out dirt, dust and noise — creating a working environment with one of the industry's lowest sound ratings. The improved cab relies on a premium air quality system from Sy-Klone®, and features an "isolated" design that reduces cab vibration and provides a smoother ride.





Cab-forward design creates exceptional visibility of blade edge.



THE POWER OF SCALABILITY

Our machine control focus at CASE is on scalability: Start with the system that works for you and grow from there. CASE and its partners offer a full spectrum of 2D and 3D solutions that are easy to deploy, intuitive to learn and immediately improve operations and the long-term value of equipment.



PRECISION CONSTRUCTION MADE EASY

ALL THE BENEFIT. NONE OF THE INTIMIDATION.

CASE M Series dozers now come factory-fit and calibrated with 2D, dual mast 3D and SiteControl CoPilot precision construction solutions.

The factory-fit option simplifies acquisition and allows dozer owners to group the precision solution of their choice in with the initial purchase of the machine. It also combines all elements of the investment into a single payment, financing package and interest rate — making ordering and implementation seamless.



UNIVERSAL MACHINE CONTROL

CASE Universal Machine Control provides a universal harness for blade guidance systems, universal machine brackets and mounts, and universal jumpers to integrate any industry solution into each dozer (1150M through 2050M). This allows CASE dozers to be deployed, straight from the dealer, into any fleet-wide precision or grade control solution an owner/operator/contractor may deploy on their worksites.



GET YOURSELF A COPILOT

CASE SiteControl CoPilot is an easy-to-use system that allows operators to set a desired slope/grade reference, and automatically holds that slope/grade without the need for lasers, masts or GPS. By automatically adjusting the blade position, SiteControl CoPilot enables operators at any experience level to easily achieve and maintain a smooth surface, slope or grade without the need for additional passes and re-work.



GO MASTLESS WITH ON-CAB

CASE offers on-cab dozer machine control through its dealer network — eliminating the need for masts affixed to the dozer blade, improving operator visibility to the work site, minimizing opportunity for damage and related downtime, and simplifying transportation of the machine.

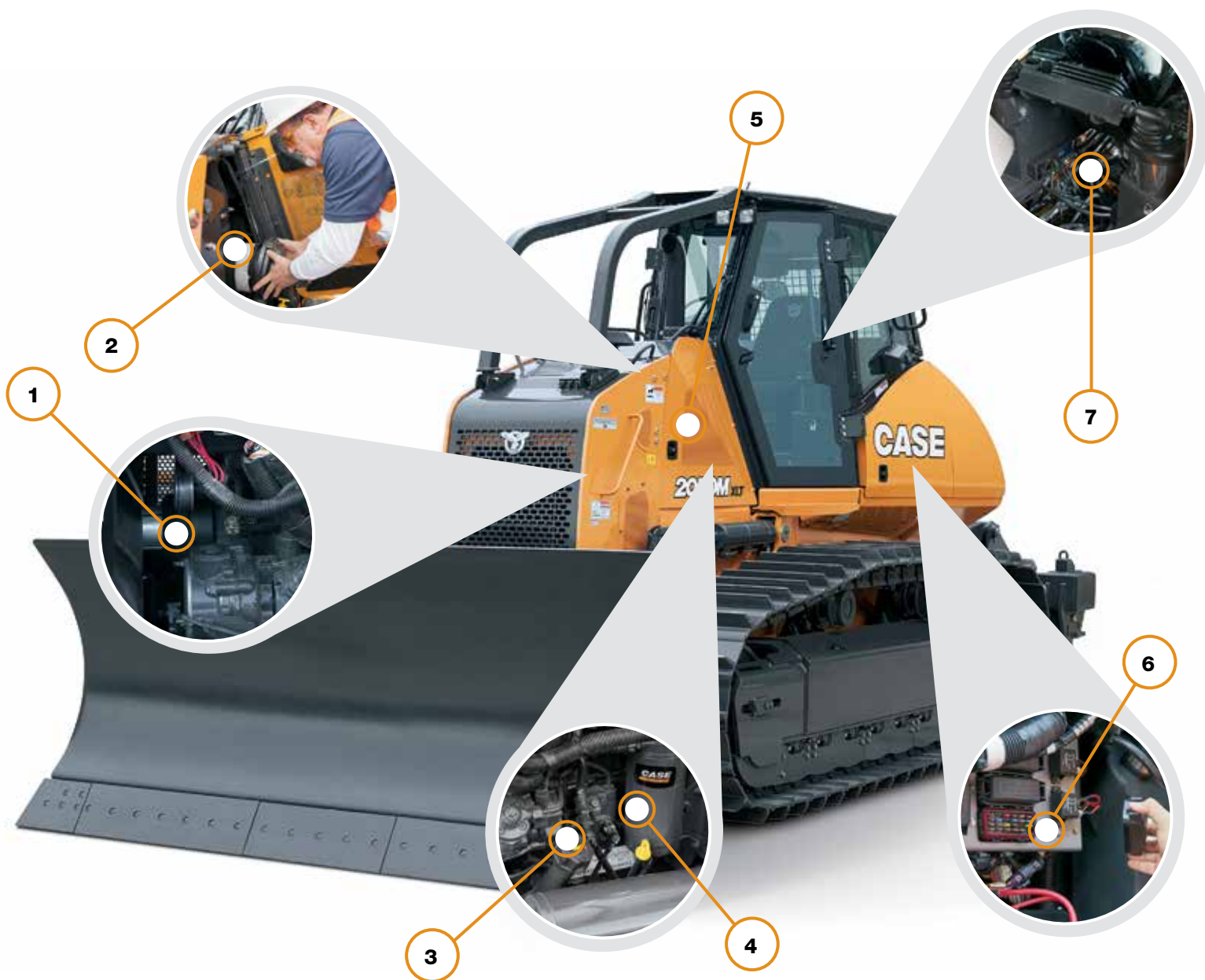
CASE M SERIES DOZERS COMPATIBLE WITH:



MAINTENANCE MADE EASY

SERVICEABILITY IS IN OUR DNA

From easy access panels to grouped service points, CASE M Series dozers are among the easiest to own and maintain — including extremely simple and field-proven emissions solutions to meet Tier 4 Final regulations.



1 Fan belts

2 Air filter

3 Oil fill

4 Oil filter

5 Flip-out doors

6 Electric fuses

7 Multi-functional control valve and hydraulic component access

8 Fuel and DEF fill

The newly enhanced SiteWatch™ telematics platform gives you insight into machine performance, maintenance intervals and more — allowing you to stay ahead of service and promote optimal uptime. Also: partner with your CASE dealer and share visibility into SiteWatch™ for added fleet management support.

NO TOOLS NECESSARY

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



- 9 3 Belly pans
- 10 Valve
- 11 Centralized grease points

- 12 Hydraulic test ports
- 13 Engine oil dipstick
- 14 Easy-access undercarriage grease points

- 15 Smooth, one-piece track frame for easier cleanout and greater structural strength

SUPPORT COMES STANDARD



STRONGER PRODUCT SUPPORT SOLUTIONS

Your CASE dealer knows how you can best 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 (EST) that quickly pinpoints machine issues. Just ask your dealer for details.



FLEXIBLE FINANCIAL OPTIONS

Specialized finance programs and flexible leasing packages are available for 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 service needs.



Protected by
ProCare

FACTORY WARRANTY
PLANNED MAINTENANCE
TELEMATICS

GO BIG, WE'VE GOT YOU COVERED

CASE ProCare is the industry's most comprehensive and standard-from-the-factory heavy machine support program that's as powerful as the equipment it protects. Best of all, ProCare comes standard on all new M Series dozers and keeps you covered for up to three years. It's the assurance businesses need to stay competitive, productive and profitable.



+



+



3-yr/3000-hr
Full-Machine Factory
Limited Warranty*
STANDARD

3-yr/2000-hr
Planned
Maintenance
STANDARD

3-yr
SiteWatch™
Subscription
STANDARD





DIMENSIONS AND SPECIFICATIONS

SPECIFICATIONS	650M WT PAT Blade	750M WT PAT Blade	850M LGP PAT Blade	1150M LGP PAT Blade	1650M LGP PAT Blade	2050M XLT Semi-U Blade
Engine	FPT F5C F5HFL463D*G003	FPT F5HFL413J*A002	FPT F4HFE413P*A008	FPT F4HFE613F*A002	FPT F4HFE6132	FPT F4HFE613J
Displacement/Cylinders – in³ (L)	207.5 (3.4)/4	207.5 (3.4)/4	275 (4.5)/4	409 (6.7)/6	409 (6.7)/6	409 (6.7)/6
Net Horsepower @ 2000 RPM – hp (kW)	68 (50.6)*	92 (69)	112 (84)	127 (95)	150 (112)	214 (160)
Emissions Certification** Solutions	Tier 4 Final (DOC)	Tier 4 Final (DPF)	Tier 4 Final (SCR)	Tier 4 Final (SCR)	Tier 4 Final (SCR)	Tier 4 Final (SCR)
Operating Weight – lb (kg)	16,405 (7 441)	20,679 (9 380)	23,250 (10 547)	32,637 (14 804)	39,557 (17 940)	45,414 (20 599)
Blade Width – in (mm)***	108 (2 731)	108 (2 731)	124 (3 150)	132 (3 353)	156 (3 962)	135 (3 422)
Blade Capacity – yd³ (m³)	1.89 (1.44)	1.89 (1.44)	2.62 (2.00)	4.16 (3.18)	5.28 (4.04)	7.29 (5.57)
Maximum Drawbar Pull – lb (kN)****	39,086 (173.9)	41,010 (182.4)	41,010 (182.4)	48,000 (213.5)	61,200 (272.2)	81,000 (360)
Maximum Travel Speed – mph (kph)****	5.0 (8)	5.2 (8.4)	5.4 (8.7)	5.8 (9.3)	5.8 (9.3)	6.1 (9.8)
Total Flow – gpm (L/min)	20.3 (78.8)	20.3 (78.8)	20.3 (78.8)	34.9 (132)	34.9 (132)	40.4 (153)
DIMENSIONS	650M WT PAT Blade	750M WT PAT Blade	850M LGP PAT Blade	1150M LGP PAT Blade	1650M LGP PAT Blade	2050M XLT Semi-U Blade
Height to Top of Cab	8 ft 9 in (2 653 mm)	9 ft 1 in (2 755 mm)	9 ft 1 in (2 766 mm)	9 ft 8 in (2 956 mm)	9 ft 8 in (2 945 mm)	10 ft 4 in (3 150 mm)
Ground Clearance*****	1 ft 1 in (332 mm)	1 ft 2 in (355 mm)	1 ft 2 in (366 mm)	1 ft 1 in (322 mm)	1 ft 1 in (342 mm)	1 ft 4 in (408 mm)
Blade Height**	2 ft 9 in (841 mm)	2 ft 9 in (841 mm)	3 ft 0 in (910 mm)	3 ft 8 in (1 119 mm)	3 ft 10 in (1 176 mm)	4 ft 8 in (1 418 mm)
Blade Lift Above Ground	2 ft 11 in (892 mm)	2 ft 10 in (860 mm)	2 ft 10 in (864 mm)	3 ft 0 in (926 mm)	3 ft 6 in (1 077 mm)	4 ft 1 in (1 238 mm)
Blade Depth Below Ground	1 ft 9 in (533 mm)	1 ft 11 in (580 mm)	1 ft 7 in (488 mm)	1 ft 8 in (518 mm)	1 ft 8 in (503 mm)	1 ft 10 in (547 mm)
Length of Track On Ground	7 ft 1 in (2 159 mm)	7 ft 5 in (2 266 mm)	7 ft 9 in (2 365 mm)	8 ft 6 in (2 600 mm)	10 ft 2 in (3 091 mm)	10 ft 8 in (3 251 mm)
Length, Blade Straight with Ripper	16 ft 3 in (4 951 mm)	16 ft 9 in (5 110 mm)	17 ft 4 in (5 277 mm)	20 ft 4 in (6 191 mm)	23 ft 1 in (7 038 mm)	22 ft 5 in (6 833 mm)
Width, Blade Straight	9 ft 0 in (2 731 mm)	9 ft 0 in (2 731 mm)	10 ft 4 in (3 150 mm)	11 ft 0 in (3 353 mm)	13 ft 0 in (3 962 mm)	11 ft 2 in (3 404 mm)
Width, Over Track	7 ft 4 in (2 228 mm)	7 ft 7 in (2 304 mm)	8 ft 2 in (2 489 mm)	9 ft 2 in (2 794 mm)	8 ft 2 in (2 490 mm)	8 ft 3 in (2 515 mm)
Link Pitch	6.125 in (155.6 mm)	6.75 in (171.45 mm)	6.73 in (171 mm)	6.9 in (175 mm)	7.5 in (190 mm)	7.99 in (202.9 mm)

*Measured at 2200 RPM

**DOC = Diesel Oxidation Catalyst, 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 extended life track chain.

*****Track configuration may impact ground clearance



BUILDING A STRONG CASE.

Since 1842, we at CASE Construction Equipment have lived by an unwavering commitment to build practical, intuitive solutions that deliver both efficiency and productivity.

We continually strive to make it easier for our customers to implement emerging technologies and new compliance mandates.

Today, our global scale combined with our local expertise enables us to keep customers' real-world challenges at the center of our product development. This focus has led to numerous innovations like Ride Control™, electro-hydraulic controls, Blade Shake, PowerLift™, over-center boom design and the peace of mind that only CASE ProCare provides.

Every CASE machine is backed by more than 300 North American dealer locations, thousands of OEM, remanufactured and all-makes parts, and flexible financing and insurance options that provide the kind of reliable, steadfast support you expect from a professional partner.

We are passionate about improving the lives of others, whether investing in our veterans or raising awareness about local infrastructure initiatives through Dire States. Our goal is to build both stronger machines — and stronger communities.

At the end of the day, we do what's right by our customers and our communities so that they can count on CASE.

CaseCE.com/Dozer

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Form No. CCE202311Dozer
Replaces Form No. CCE202309Dozer

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.

NOTE: All engines meet current EPA emissions regulations. All specifications are stated in accordance with SAE Standards or Recommended Practices, where applicable.



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