

**NEW**

**series-2**



Construction

Road & Highway

Landfill

Quarry & Aggregate

Forestry

Landscaping

# TD-15M

**CRAWLER DOZERS**

# A CUT ABOVE THE REST

When it comes to precision and control, the New TD-15M stands alone.

On road & highway, landfill, forestry, landscaping and construction sites; the superior power, control and stability of New TD-15M sets this dozer apart. Climb into the cab, put in a long day at the office, and you'll know you've made the right choice.



## **DESIGNED TO PUT YOU FIRST**

We've put ourselves in your seat and delivered everything the operator wants and needs. A superior, safe, quiet, and comfortable cab with easy to operate controls. A perfect view of the jobsite with high all-round visibility. Easy access service and maintenance points, but above all, the real power, control and stability you need to get the job done right first time.



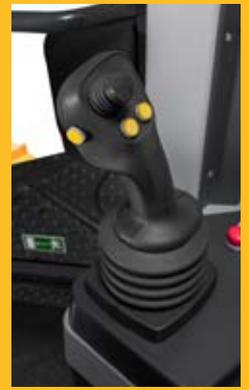
### YOU DESERVE THE BEST

Relax, you are in a Dressta. That means your comfort is assured. A new deluxe seat with heated option, advanced climate control, new high efficiency shock absorbers to reduce noise and vibration and for safety, integrated ROPS & FOPS. But we've gone further to create a more productive environment too.

We've radically improved the operator's interface, with new ergonomic joysticks for precise control, high visibility LCD in-cab display and Bluetooth, USB device connectivity.

### THE ULTIMATE IN BLADE CONTROL

No-one likes unnecessary work. With our new, electro-hydraulically controlled proportional joysticks you'll experience a new level of blade control and accuracy, helping you to get the job done faster by reducing unnecessary passes.



### PANORAMIC VISIBILITY

With 33% more glass surface area, a tapered engine hood presenting clear sightlines to the blade corners, an optional rear-view camera, and additional blade lighting, you've got the job site covered from every angle.



### CLASS LEADING DRAWBAR PULL

With class leading drawbar pull, you've got all the pulling power you'll need, delivered through the perfect combination of a 3-speed power shift transmission and 2-speed steering drive.



### PERFECT POWER TURNS

Our unique 2-speed steering drive maximises productivity by delivering 100% of the engine's power to both tracks, allowing you to push a full load through turns with near perfect load retention.



### SELECT AND GO

With travel speed pre-selection and automatic down shifting mode, we've made it even easier for you to move more material with greater efficiency.



### AWESOME ATTACHMENTS

We offer you an awesome range of attachments. Semi-U, Straight and 6-way with optional foldable version and Angle blades; whatever blade you need, wherever you need it, we've got it. When it comes to rippers we are in a class of our own. We are the only manufacturer to deliver a single-shank ripper and if you want a multi-shank, we offer them too.



### RIGHT FIRST TIME

Our efficient load sensing system helps to improve blade control, so no matter if you are on the highway or in the forest, you'll get the job done right – faster.



### RIGHT ON TRACK

We have the right tracks to fit every application. Our single grouser track shoes are available in 7 different sizes ranging from 508mm (20in) to 940mm (37in) and are perfect fit for a variety of applications. In addition, we offer self-cleaning tracks for landfill applications.



### PUSHING FOR EXTRA PROFIT

We've gone further to give you a real return on your investment by delivering the lowest cost of ownership. Easy, safe, fast access to maintenance points reduces downtime. Lifetime lubricated rollers, heavy duty chains and idlers for extended track life all combine to reduce maintenance costs. Our intelligent, modular component layout makes servicing and maintenance even easier.

That's the preview – let's power on into the detail.

On roads and highways, landfill sites, in forests and on landscaping projects, you need that perfect combination of power, control, precision and stability. The New TD-15M is perfectly matched to give you total control. Whatever the job, it's a work mate you can rely on.



# YOUR BEST WORK MATE

**232 hp**  
**ENGINE POWER**

**472 kN**  
**DRAWBAR PULL**



### CONTROLLABLE POWER

At its heart beats a turbocharged Cummins B6.7, 173 kW (232 hp) engine, compliant to EPA Tier 4 final/EU Stage V emissions regulations. Also available as EPA Tier 3/EU Stage IIIA with Cummins QSC8.3 engine. The combination of Cummins expertise with the latest heavy-duty diesel design delivers higher peak torque and exceptional fuel efficiency, giving you both the power and precision to get the job done right.



### OPTIMIZED RPM

No matter what the application, working within the optimum engine RPM is a breeze with the TD-15M. Simply select your maximum desired ground speed for your application and leave the rest to the sophisticated power management system. It will keep you within the sweet spot of engine RPM, saving you fuel and effort.

### NO SWEAT

No matter how hard you push it, the New TD-15M will always keep its cool thanks to its hyper efficient cooling system with a variable speed hydrostatic cooling fan. The modular design of the radiator, aftercooler, driveline and hydraulic oil coolers also ensure that the system is easy to access and maintain.

### PRECISION POWER MANAGEMENT

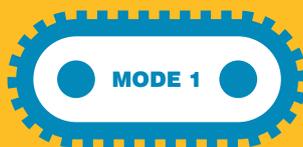
High productivity is about consistently achieving marginal gains. It's about saving a second here or reducing a pass there. Our unique 2-speed steering drive achieves both, saving time and effort by delivering 100% of the engine's power to both tracks, allowing you to push a full load through turns without losing material. Less time. Less passes. Greater productivity.

### HANDS-ON CONTROL

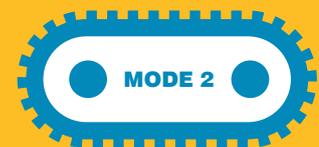
Class leading drawbar pull puts the power in your hands. On highway construction or in landscaping work, no matter where you are, nothing's going to stand in your way. Delivered through the perfect combination of a 3-speed power shift transmission and 2-speed steering drive, the ultimate in control is now in your grasp.

### ENERGY SAVING PRE-SET MODES

With a choice of two pre-set modes, we make it easy for the operator to, save fuel and keep fresh and focused by reducing repetitive gear changing. Simply choose the mode to match your task and let the machine do the rest.



Is perfect for achieving faster cycle times in tough dozing conditions utilizing first gear forward motion and second gear reverse.



Is ideal for lighter work utilizing second gear in both directions.



# PRECISION CONTROL

With the new TD-15M we've created a highly responsive machine that delivers absolute precision, helping you to consistently complete your dozing tasks in less time and with less passes.

## WORK SMARTER NOT HARDER

Why work harder? With our new, electro-hydraulically controlled proportional joystick you'll experience a new level of blade control and accuracy that helps you to get the job done faster.

Predictable and precise joystick control allows you to accurately control the machine with minimum effort. Less fuel, less effort, that's smart thinking in action.



## JUST PUSH AND GO

We know that there's nothing more frustrating than wasting time in repetitive work, that's why we've designed to TD-15M to make it easy to deliver a precise, quality job in the fastest possible time. Improved Blade Control with modes of operation increase accuracy and precision while the efficient Load Sensing system automatically adjusts the speed of the blade's working movements to the load. The result? Fewer unnecessary passes, higher fuel economy, lower operator fatigue and higher job satisfaction. Job done!



### CONTROL YOUR SPEED

Our new, intelligent Blade Speed Mode gives you a new level of control. Choose from one of 3 modes, Slow, Neutral and Fast, all perfectly calibrated to match and adjust the blade speed to fit your application. Whether you are heavy pushing or final grading, you can be confident that you're getting the best from the machine.



**SLOW**



**NEUTRAL**



**FAST**

### CUT FUEL CONSUMPTION

Saving fuel and reducing emissions is always good news. Our New Variable hydraulic system does both. This smart technology matches the oil flow to the actual demand, reducing unnecessary power loss and increasing productivity. In tests our customers reported an overall fuel consumption reduction of 5% with a corresponding drop in emissions.

**SAVE UP TO 5%**



From highways to landfill, whatever you need, whenever you need it, we offer you an awesome arsenal of blades and rippers designed to get the job done fast.



# YOUR CHOICE OF WEAPON

**RIP DOWN TO**  
**713mm**

**472 kN**  
**DRAWBAR PULL**

## 6-WAY BLADE

For the perfect finish, our 6-way blade control system has been designed for performance and final grade control. With its motion capabilities, our blades cut close and are adept at finish grade work in construction and landscaping applications. Don't forget, our folding 6-way blade is also available as an option.

## GET THE EDGE

All of our blades have been designed for increased capacity and incorporate full width cutting edges for performance and durability. Our blades can also be equipped with a hydraulic tilt or tilt/pitch option and a manual blade pitch adjustment which makes the dozer even more versatile and increases your return on investment.



## THE ARMOURY

6-way 4m<sup>3</sup>

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6-way - folding 4m<sup>3</sup>

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Semi-U 5.95m<sup>3</sup>

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Straight 3.6m<sup>3</sup>

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Angle Blade 3.8m<sup>3</sup>

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## ANGLE BLADE

Our 3.8m<sup>3</sup> precision Angle blade with 25° angling on each side works best handling broken and granular materials such as soils and gravel. The moldboard pivots on its center point to cast materials left or right. Ideal for making windrows, digging drainage ditches, backfilling trenches and grading roads.

The Semi-U Blade design combines the penetration ability of a straight blade with the increased capacity provided by short wings. It is ideal for applications like road and highway construction.

Dressta also offers large blades for increased capacity and incorporating full width cutting edges for prolonged durability.

Cutting edge angles and blade mouldboard geometry are designed to provide a balance between fine, light dozing and aggressive heavy material movement. This enables the dozers to perform at maximum productivity over a broader variety of applications.

All blades can be equipped with hydraulic blade tilt and angle as well as manual blade pitch adjustment to increase the versatility of the dozer.



## LET'S RIP

When it comes to rippers, we've got it covered.

When you need a tough, concentrated penetrating force our single shank rippers deliver. With 713mm (28in) penetration depth and fully utilising the drawbar pull force, it's easy to rip it up with speed and efficiency.

Our adjustable parallelogram multi-shank ripper is perfect for breaking through the top surface in softer ground conditions. It can rip to a width of 2030mm (6ft 8in) and depth of 600mm (24in) covering more ground in fewer passes.



We think your job is tough enough, which is why our cab has been designed to let you work with ease and comfort. It's a real home from home with loads of space and even a little luxury designed in as standard.

# DESIGNED FOR YOU



**33% MORE VISIBILITY**

## SEE MORE

When you can see more – you can do more. With 33% more glass surface area, a tapered engine hood presenting clear sightlines to the blade corners, a rear-view camera, and additional ripper lighting, it's easy to see how the TD-15M offers the very best all-round visibility. But there's more: we've lowered the side window position to improve visibility of tracks and the working area.

No matter which way you look, when it comes to improved visibility, you've got the jobsite covered from every angle.



## RELAX MORE

The TD-15M comes with one of our best seats yet. The air-suspended high back seat comes with head rest, empty seat sensor and belt sensor to increase operator safety. It automatically adjusts to your weight and sitting position and now is equipped with fully adjustable arm rests (Up/Down & Forward/Reverse).

## DO MORE

It's easy to get more done with our new, operator's interface. Featuring new, ergonomic joysticks for finger-tip control and a high visibility LCD in-cab display, allowing you to easily monitor of the machine's vital data we put you in control. We've built in a wealth of operational pre-sets to make it even easier to adjust hydraulics, set blade and travel speed and work more productively plus we've added Bluetooth connectivity for your own personal devices.



## EASY TO FIND YOUR PERFECT TEMPERATURE

No matter whether the sun's beating down or the snow's piling up, you'll always enjoy the perfect working temperature. Our improved climate control system featuring an easy to set control panel and 9 air outlets gives you total control of the elements.



## STAY SAFE AND SECURE

With wider doors for easy access and a more spacious cab with generous headroom, we've made it easy to avoid those slip and trip hazards which account for so many accidents these days. But we've gone further. Our cab is fully ROPS & FOPS protected and fully pressurized to reduce in-cab noise levels to 78 dB(A), reduce vibration and eliminate dust contamination.





# TAKE A NEW ROAD

Why compromise when the TD-15M opens up a new road of possibility? From ground-breaking to the final grade, the TD-15M was born for road applications. With its choice of digital-ready grade control options for faster and more efficient grading, and an awesome array of blades and rippers, it's ready to hit the road.



### DIGITAL SUPERHIGHWAY

The TD-15M is grade-control ready with a choice of digitally connected grade control solutions for road and highway applications. These smart solutions boost productivity by increasing accuracy, reducing passes and saving time and fuel. Full grade control system gives you a ready to use, factory fitted system which is complete and ready to go. Digital Ready, the TD-15M has all of the factory fitted preparation work complete ready for future installation as required.



**INCREASE ACCURACY**



**SAVE TIME**



**SAVE FUEL**



### LANDFILL

The TD-15M excels in landfill applications where it delivers excellent waste compaction. With real multi-tool versatility, it can be fitted with large blades, trash racks and self-cleaning track shoes. Our Landfill Special Features Request Pack offers extensive additional protection throughout the dozer to guard against impact of airborne and ground level debris, as well as providing consistently clean air to the cab and induction systems.

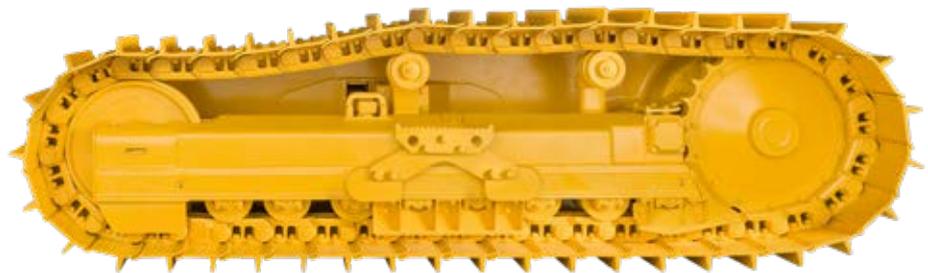


### QUARRY & AGGREGATE

The TD-15M is at home in the toughest of quarry environments. The choice of blades allows you easily cut through heavyweight rock, clay, and hard coal. The reinforced undercarriage makes short work of the punishing terrain and while delivering a comfortable and smooth cab experience.

# ALWAYS THE RIGHT DECISION

Road & highways apart, the TD-15M excels in a variety of tough environments where stability and control are the name of the game. With a massive one-piece frame, high strength pivot shaft and exclusive undercarriage design, the operator can always enjoy a smooth, stable ride with impressive stability on slopes, angles and unstable ground. The undercarriage components are designed for extended wear in tough terrain and are arranged in a way that makes removal and replacement during servicing quick and easy, maximizing machine uptime and profitability.



## LANDSCAPING

The TD-15M is ideal for all types of landscaping projects where stability, power and control are required. With its choice of blades and rippers it can make short work of the toughest tasks and always delivers the perfect finish.



## FORESTRY

Our dozers are available in a range of specialist configurations perfectly matched to the needs of forestry customers. Our range includes fire suppression hydraulics, a wide variety of track options, front forestry sweeps, exhaust pipe extension with guard, rear screen, rear forestry sweeps, screens for cab windows and a rear winch for towing logs.



### COMPREHENSIVE WARRANTY

When you purchase our machines, your investment is backed by one of the most comprehensive warranties in the industry. In addition to the standard 12-month warranty, we offer an extended warranty protection program for the ultimate peace of mind. Toughest jobs without breaking a sweat.



### FAST AND EASY PARTS SUPPLY

Genuine Dressa parts are engineered to fit right the first time and to provide the highest levels of performance and reliability while meeting strict quality controls. The global parts network, with seven regional distribution centers and advanced logistics systems, means you can be assured of rapid parts supply for whatever you need, wherever you are.

# AT YOUR SERVICE 24/7

We are with you round-the-clock to ensure our machines meet the challenges of the toughest jobs.



## QUALITY YOU CAN TRUST

Our stringent quality assurance ensures all products meet your exact needs. Technical support teams offer fast access to factory expertise and information systems while ongoing aftersales support is available via dealerships with factory trained engineers who are available as and when you require.

<b>ENGINE</b>	<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>	<b>TD-15M (EPA Tier 4f/EU Stage V)</b>
Make and model	Cummins QSC 8.3	Cummins B 6.7
Emissions standard	EPA Tier 3/EU Stage IIIA	EPA Tier 4f/EU Stage V
Displacement	8.3 l (505 in <sup>3</sup> )	6.7 l (409 in <sup>3</sup> )
Bore and stroke	114 x 135 mm (4.49 x 5.32 in)	107 x 124 mm (4.21 x 4.48 in)
Gross horsepower, SAE J1995	205 hp (153 kW)	232 hp (173kW)
Net horsepower, SAE J1349/ISO 9249	190 hp (142 kW)	213 hp (159 kW)
Rated rpm	1950	2000
Max. torque	1.010 Nm (745 lb-ft) @ 1450 rpm	949 Nm (700 lb-ft) @ 1500 rpm
Air cleaner	2-stage, dry type, with dash-mounted electronic service indicator	Cummins Filtration Direct Flow™, dry type, exhaust aspiration, with dash-mounted electronic service indicator
Cold-starting aid	intake- mounted air -inlet grid heater	intake- mounted air -inlet grid heater
Slope operation, max. angle	45°	45°

<b>COOLING</b>	<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>	<b>TD-15M (EPA Tier 4f/EU Stage V)</b>
Type	Blower fan, belt driven with perforated, engine side sheets and heavy duty louvered front grill	Suction- type variable-speed fan, hydraulically driven with perforated engine side sheets and heavy duty louvered front grill
Engine coolant rating	-37°C (-34°F)	

<b>OPERATOR STATION</b>	<b>TD-15M</b>
ROPS	ROPS (ISO 3471 - 2008)
FOPS	FOPS (ISO 3449 - 2005)

<b>UNDERCARRIAGE</b>	<b>TD-15M STD</b>	<b>TD-15M LT</b>	<b>TD-15M WT</b>	<b>TD-15M LGP</b>
Suspension	Oscillation-type with equalizer bar and forward mounted pivot shafts	Oscillation-type with equalizer bar and forward mounted pivot shafts	Oscillation-type with equalizer bar and forward mounted pivot shafts	Oscillation-type with equalizer bar and forward mounted pivot shafts
Tracks	Large deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance	Large deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance	Large deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance	Large deep-heat-treated, sealed, and lubricated track links and through-hardened, sealed, and lubricated rollers for maximum wear resistance
Track gauge	1930 mm (76 in)	1930 mm (76 in)	2030 mm (80 in)	2160 mm (85 in)
Track shoe width	508 mm (20 in)	508 mm (20 in)	762 mm (30 in)	940 mm (37 in)
Chain	Sealed and lubricated	Sealed and lubricated	Sealed and lubricated	Sealed and lubricated
Shoes, each side	39	43	43	43
Track rollers, each side	6	8	8	8
Track length on ground	2640 mm (104 in)	3050 mm (120 in)	3050 mm (120 in)	3050 mm (120 in)
Ground contact area	27000 cm <sup>2</sup> (4160 in <sup>2</sup> )	31000 cm <sup>2</sup> (4800 in <sup>2</sup> )	46000 cm <sup>2</sup> (7200 in <sup>2</sup> )	57000 cm <sup>2</sup> (8880 in <sup>2</sup> )
Ground pressure - <b>Stage IIIA</b>	65.1 kPa (9.4 psi)	57.8 kPa (8.4 psi)	39.6 kPa (5.7 psi)	32.4 kPa (4.7 psi)
Ground pressure - <b>Stage V</b>	65.7 kPa (9.5 psi)	58.3 kPa (8.5 psi)	40.0 kPa (5.8 psi)	32.7 kPa (4.7 psi)
Track pitch	203.1 mm (8 in)			
Sprocket sements, each side	1	1	1	1

<b>POWERTRAIN</b>		<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>		<b>TD-15M (EPA Tier 4f/EU Stage V)</b>	
Transmission		Single stage 370 mm (14.6 in) torque converter with a 2.6:1 stall ratio drives to transmission through a double universal joint. Modular, countershaft type power shift transmission, electro-hydraulic control. Preset travel speed and auto-downshift		Single stage 370 mm (14.6 in) torque converter with a 2.3:1 stall ratio drives to transmission through a double universal joint. Modular, countershaft type power shift transmission, electro-hydraulic control. Preset travel speed and auto-downshift	
Steering		Exclusive 2-speed geared steering module provides gradual turns while maintaining full power to both tracks plus conventional clutch-brake performance for tight or pivot turns. Coupled to 3-speed transmission, the 2-speed steering provides 6 speeds forward and 6 reverse. The left hand joystick controls transmission and steering drive for up and down shifting, steering, Hi/Lo selection and LH/RH gradual turn		Exclusive 2-speed geared steering module provides gradual turns while maintaining full power to both tracks plus conventional clutch-brake performance for tight or pivot turns. Coupled to 3-speed transmission, the 2-speed steering provides 6 speeds forward and 6 reverse. The left hand joystick controls transmission and steering drive for up and down shifting, steering, Hi/Lo selection and LH/RH gradual turn	
Final drives		Double-reduction final drives mounted independently of track frames and dozer push arms for isolation from shock loads		Double-reduction final drives mounted independently of track frames and dozer push arms for isolation from shock loads	
Total ratio		12.1 to 1		12.1 to 1	
Maximum drawbar pull		535 kN (118.688 lbf)		472 kN (106,11 lbf)	
<b>Travel speeds</b>		Forward	Reverse	Forward	Reverse
1st	Low	2.7 km/h (1.7 mph)	3.2 km/h (2.0 mph)	2.8 km/h (1.7 mph)	3.3 km/h (2.1 mph)
	High	3.6 km/h (2.2 mph)	4.3 km/h (2.7 mph)	3.8 km/h (2.4 mph)	4.5 km/h (2.8 mph)
2nd	Low	4.9 km/h (3.0 mph)	5.7 km/h (3.5 mph)	5.0 km/h (3.1 mph)	6.0 km/h (3.7 mph)
	High	6.5 km/h (4.0 mph)	7.6 km/h (4.7 mph)	6.7 km/h (4.2 mph)	8.0 km/h (5.0 mph)
3rd	Low	7.7 km/h (4.8 mph)	9.0 km/h (5.6 mph)	8.0 km/h (5.0 mph)	9.3 km/h (5.8 mph)
	High	10.2 km/h (6.3 mph)	11.9 km/h (7.4 mph)	10.5 km/h (6.5 mph)	12.3 km/h (7.6 mph)
<b>Brakes Service</b>		Spring applied hydraulically released multi-disc wet brakes. Foot pedal linkage control.		Spring applied hydraulically released multi-disc wet brakes. Foot pedal linkage control.	
<b>Brakes Parking</b>		The steering brakes also act as service and parking brakes. Service brakes are locked automatically when the transmission safety lever is actuated or when the engine is cut off.		The steering brakes also act as service and parking brakes. Service brakes are locked automatically when the transmission safety lever is actuated or when the engine is cut off.	

<b>HYDRAULICS</b>		<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>		<b>TD-15M (EPA Tier 4f/EU Stage V)</b>	
Type		Closed center load sensing hydraulic system with variable-displacement multi-piston pump		Closed center load sensing hydraulic system with variable-displacement multi-piston pump	
Pump flow		147 l/min (38.8 gpm)		147 l/min (38.8 gpm)	
System relief pressure		17 MPa (2466 psi)		17 MPa (2466 psi)	
Control		single joystick lever		single joystick lever	
Cylinders, bore and stroke					
lift (STD)		100 x 1233.5 mm (3.94" x 48.6")		100 x 1233.5 mm (3.94" x 48.6")	
lift (LT, WT, LGP)		100 x 1095 mm (3.94" x 43.1")		100 x 1095 mm (3.94" x 43.1")	
tilt		150 x 297.5 mm (5.9" x 11.7")		150 x 297.5 mm (5.9" x 11.7")	
tilt/pitch		130 x 520 mm (5.1" x 20.5")		130 x 520 mm (5.1" x 20.5")	

<b>ELECTRICAL</b>		<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>		<b>TD-15M (EPA Tier 4f/EU Stage V)</b>	
Voltage		24 V		24 V	
Number of batteries		2		2	
Battery capacity		950 CCA		950 CCA	
Alternator rating		110 A		110 A	
Lights		10 total; cab mounted (side: 2 LH & 2 RH and 2 rear), 2 front lift cylinders and 2 rear fuel tank mounted		10 total; cab mounted (side: 2 LH & 2 RH and 2 rear), 2 front lift cylinders and 2 rear fuel tank mounted	

<b>SERVICEABILITY</b>		<b>TD-15M (EPA Tier 3/EU Stage IIIA)</b>		<b>TD-15M (EPA Tier 4f/EU Stage V)</b>	
<b>Refill capacities</b>					
Fuel tank		500 l (132 US gal)		415 l (110 US gal)	
Cooling system		50 l (13.2 US gal)		27 l (7.1 US gal)	
Engine oil		23 l (6.1 US gal)		18.5 l (4.9 US gal)	
Transmission system		153 l (40.4 US gal)		153 l (40.4 US gal)	
Final drive, each side		40 l (10.6 US gal)		40 l (10.6 US gal)	
Hydraulic reservoir		70 l (18.5 US gal)		70 l (18.5 US gal)	
Diesel Exhaust Fluid (DEF) tank		n/a		46 l (12.2 US gal)	

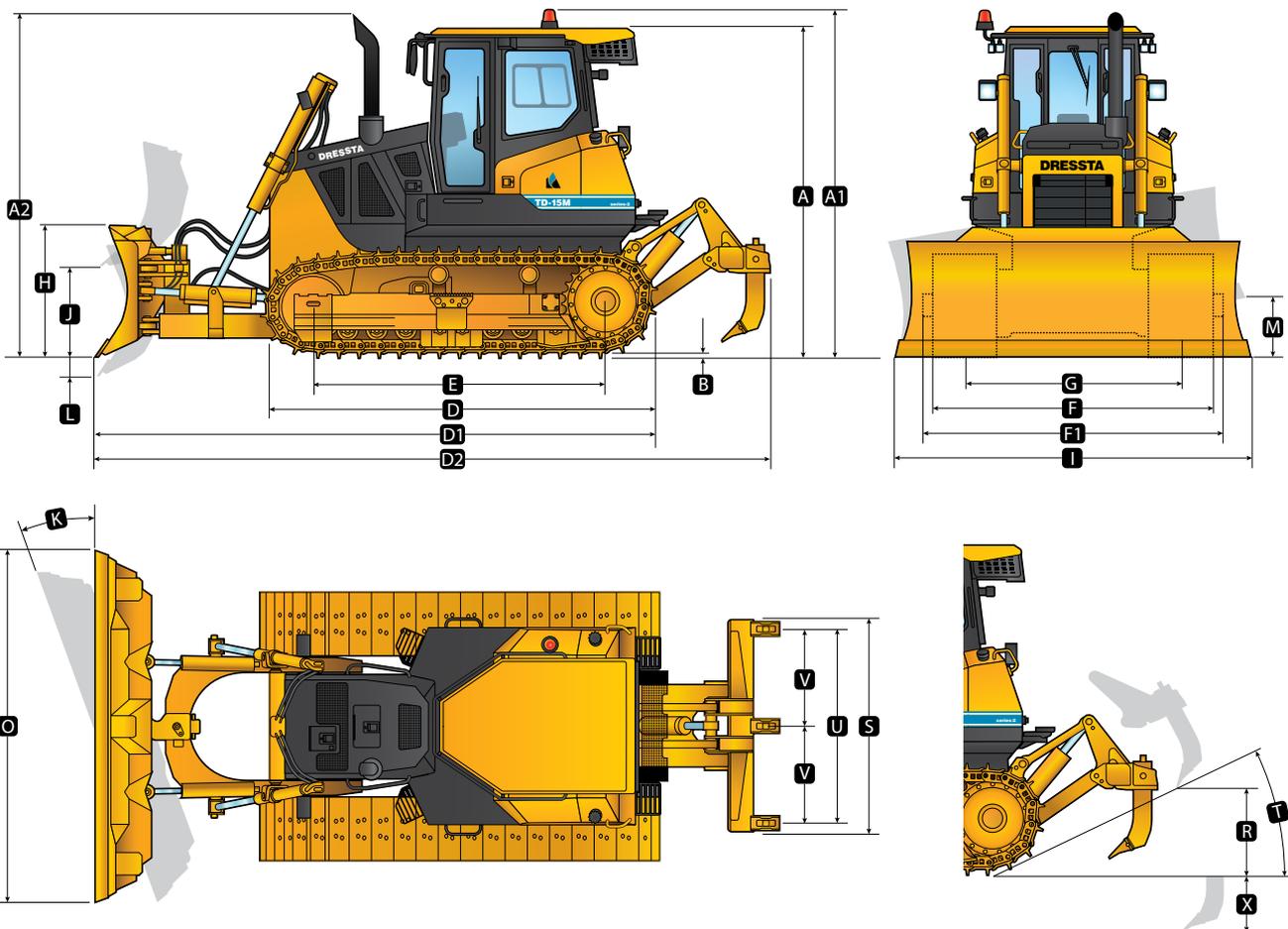
# MACHINE DIMENSIONS

## TD-15M (STD & LT)

## TD-15M WT

## TD-15M LGP

Type	Semi-U	Angle	Semi-U	6-way	Straight	6-way
<b>A</b> Overall height - Cab	3450 mm (11 ft 4 in)	3450 mm (11 ft 4 in)	3450 mm (11 ft 4 in)	3450 mm (11 ft 4 in)	3450 mm (11 ft 4 in)	3450 mm (11 ft 4 in)
<b>A1</b> Overall height - Beacon	3620 mm (12 ft 11 in)	3620 mm (12 ft 11 in)	3620 mm (12 ft 11 in)	3620 mm (12 ft 11 in)	3620 mm (12 ft 11 in)	3620 mm (12 ft 11 in)
<b>B</b> Grouser height	64 mm (2.52 in)	64 mm (2.52 in)	64 mm (2.52 in)	64 mm (2.52 in)	64 mm (2.52 in)	64 mm (2.52 in)
<b>C</b> Ground clearance	445 mm (17.5 in)	445 mm (17.5 in)	445 mm (17.5 in)	445 mm (17.5 in)	445 mm (17.5 in)	445 mm (17.5 in)
<b>D</b> Overall length, base machine	STD 4050 mm (13 ft 3.3 in) LT 4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)
<b>D1</b> Length with blade	STD 5230 mm (17 ft 2 in) LT 5670 mm (18 ft 7 in)	STD 5390 mm (17 ft 8 in) LT 5830 mm (19 ft 2 in)	5670 (18 ft 7 in)	5870 (19 ft 3 in)	5520 (18 ft 1 in)	5870 (19 ft 3 in)
<b>D2</b> Length with blade and 1-shank / 3-shank ripper	STD 6250 mm /6480 mm (20 ft 6 in /21 ft 3 in) LT 6760 mm /6910 mm (22 ft 2 in/22 ft 8 in)	STD 6400 mm /6550 mm (21 ft /21 ft 6 in) LT 6840 mm /6990 mm (22 ft 5 in/22 ft 11 in)	6790 mm / 6940 mm (22 ft 3 in / 22 ft 9 in)	6880 mm / 7030 mm (22 ft 7 in / 23 ft 1 in)		
<b>E</b> Track length on ground	STD 2640 mm (104 in), LT 3050 mm (120 in)	3050 mm (120 in)	3050 mm (120 in)	3050 mm (120 in)	3050 mm (120 in)	3050 mm (120 in)
<b>F</b> Width over track	2440 mm (96 in)	2440 mm (96 in)	2790 mm (110 in)	2790 mm (110 in)	3100 mm (122 in)	3100 mm (122 in)
<b>F1</b> Width over trunnions	2810 mm (110.6 in)	2810 mm (110.6 in)	2910 mm (114.5 in)		3340 mm (131.5 in)	
<b>G</b> Track gauge	1930 mm (76 in)	1930 mm (76 in)	2030 mm (80 in)	2030 mm (80 in)	2160 mm (85 in)	2160 mm (85 in)



BLADE SPECS	TD-15M (STD & LT)		TD-15M WT		TD-15M LGP	
	Semi-U	Angle	Semi-U	6-way	Straight	6-way
Type						
SAE capacity	5.7 m <sup>3</sup> (7.45 cu yd)	3.8 m <sup>3</sup> (5.0 cu yd)	5.95 m <sup>3</sup> (7.8 cu yd)	3.8 m <sup>3</sup> (5.0 cu yd)	3.6 m <sup>3</sup> (4.7 cu yd)	4.0 m <sup>3</sup> (5.2 cu yd)
<b>H</b> Blade height	1460 mm (4 ft 10 in)	1120 mm (3 ft 8 in)	1460 mm (4 ft 10 in)	1360 mm (4 ft 7 in)	1100 mm (43 in)	1360 mm (53.5 in)
<b>I</b> Blade width	3440 mm (11 ft 3 in)	4130 mm (13 ft 7 in)	3590 mm (11 ft 9 in)	3680 mm (12 ft 1 in)	3860 mm (12 ft 8 in)	3830 mm (12 ft 7 in)
<b>J</b> Blade lift height	STD 1104 mm (43.5 in) LT 1102 mm (43.4 in)	STD 1102 mm (43.4 in) LT 1119 mm (44 in)	1102 mm (43.4 in)	1280 mm (50.4 in)	1240 mm (49 in)	1280 mm (50.4 in)
<b>K</b> Blade angle	-	25 deg	-	23.5 deg	-	23.5 deg
<b>L</b> Blade digging depth	463 mm (18.2 in)	STD 552 mm (21.7 in) LT 542 mm (21.3 in)	463 mm (18.2 in)	692 mm (27 in)	455 mm (18 in)	692 mm (27 in)
<b>M</b> Maximum tilt	742 mm (28.2 in)	385 mm (15.2 in)	782 mm (30.8 in)	450 mm (18 in)	698 mm (27.5 in)	466 mm (18.3 in)
<b>N</b> Maximum blade pitch adjustment	9 deg	-	9 deg	8 deg	10 deg	8 deg
<b>O</b> Overall width with blade angled	-	3750 mm (12 ft 4 in)	-	STD 3330 mm (10 ft 11 in)	-	3510 mm (11 ft 6 in)

RIPPER	TD-15M	
	Single-shank	Multi-shank (3-shank)
Type	Parallelogram ripper	
<b>R</b> Maximum clearance under tip (raised)	485 mm (19 in)	455 mm (17.9 in)
<b>S</b> Overall beam width	1100 mm (43 in)	2230 mm (88 in)
<b>T</b> Slope angle (full raise)	25 deg	25 deg
<b>U</b> Ripping width	-	2030 mm (6 ft 8 in)
<b>V</b> Spacing center to center	-	1015 mm (3 ft 4 in)
<b>X</b> Maximum penetration	713 mm (28 in)	600 mm (24 in)
Penetration force	71.04 kN (15970 lb)	64 kN (14387 lb)
Pryout force	390.9 kN (87874 lb)	268.7 kN (60404 lb)
Shank positions (vertical)	2	2
Weight of ripper incl. shank(s)	1546 kg (3408 lb)	1743 kg (3843 lb)
Weight of shank	197 kg (434 lb)	94.5 kg (208 lb)

OPERATING WEIGHTS	TD-15M STD	TD-15M LT	TD-15M WT	TD-15M LGP
	Base Weight with Semi-U blade w/tilt, drawbar, standard equipment, Cab ROPS/FOPS, full fuel tank, and 79-kg (175 lb) operator	(EPA Tier 3/EU Stage IIIA)		
STD 20510 kg (45 220 lb)		LT 20660 kg (45 550 lb)	21260 kg (46870 lb)	21470 kg (47330 lb)
	(EPA Tier 4/EU Stage V)			
	STD 20710 kg (45 660 lb)	LT 20860 kg (45 990 lb)	21560 kg (47530 lb)	21670 kg (47780 lb)

Optional components				
<b>Ripper</b>				
Single-shank type	+ 1605 kg (3538 lb)	+ 1605 kg (3538 lb)	+ 1605 kg (3538 lb)	
3-shank type	+ 1743 kg (3843 lb)	+ 1743 kg (3843 lb)	+ 1743 kg (3843 lb)	
<b>Track shoes</b>				
508 mm (20 in)	-	-	-877 kg (1933 lb)	
560 mm (22 in)	+ 125 kg (276 lb)	+ 138kg (304 lb)	-740 kg (1631 lb)	
610 mm (24 in)	+ 265 kg (584 lb)	+ 292 kg (643 lb)	-585 kg (1290 lb)	
660 mm (26 in)	+ 406 kg (895 lb)	+ 450 kg (985 lb)	-430 kg (948 lb)	-1100 kg (2425 lb)

# STANDARD EQUIPMENT

## ENGINE

### TD-15M (Tier 3)

Engine, Cummins QSC 8.3, EPA Tier 3/EU Stage III A, turbocharged, direct start, direct injection, 142 kW (190 Hp) net

Air cleaner, dry type with exhaust aspirated primary, safety elements and service indicator

Antifreeze, -34°F (-37°C)

Brakes, foot, spring applied, hydraulically released

Cooling module; includes radiator, transmission oil cooler, charge air cooler (CAC); isolation mounted

Coolant filter conditioner

Decelerator - right foot pedal and brake - center foot pedal

Emergency brake release system

Exhaust pipe extension with elbow

Fan, blower

Filters, engine oil, full flow and by-pass with replaceable "spin-on" elements

Filtration system for contaminated fuel

Fuel strainer

Muffler, under engine hood, insulated

Water separator, fuel system

### TD-15M (Stage V)

Engine, Cummins B6.7, EPA Tier 4f/EU Stage V, emission certified, turbocharged, High Pressure Common Rail (HPCR), Singel Module™ DPF/SCR EGR-free, Electronic Controls (ECM), 229 hp (171 kW) net

Air cleaner, Cummins Filtration Direct Flow™, dry type with precleaner, dust ejector system, exhaust aspiration and electronic service indicator

Antifreeze, -34°F (-37°C)

Brakes, foot, spring applied, hydraulically released

Cooling module; includes radiator, transmission oil cooler, charge air cooler (CAC); isolation mounted

Coolant filter conditioner

Decelerator - right foot pedal and brake - center foot pedal

Emergency brake release system

Exhaust pipe extension with elbow

Fan, hydraulically driven suction

Filters, engine oil, full flow and by-pass with replaceable "spin-on" elements

Water separator, fuel system

## DRIVETRAIN

Filters, power train, equipment hydraulics, "spin-on" micro glass type

Steering, planetary type, 2 speed, left hand single lever control (joystick)

Torque converter, single stage

Transmission, power shift, 3 speeds forward, 3 reverse, combined with 2 speed steering provides 6 speeds forward, 6 reverse, preset travel speed selection and auto-downshift

## OPERATOR'S ENVIRONMENT

Air conditioner/heater/pressurizer/defroster, behind roof mounted

AM/FM radio with Bluetooth® and USB socket

Arm rests

Cab, ROPS/FOPS integrated, sound suppression, 4 wipers w/washers, inside mirror, dome light, tinted safety glass, 2 sliding side windows, rear glass heated, air recirculation system (approved according to ROPS - EN ISO 3471 and FOPS - EN ISO 3449)

Fire extinguisher

First Aid Kit (DIN13164)

Mirrors, 2 pcs, exterior

Seat, air suspension type, fabric cover, adjustable, high back, straight fixed

Seat belt (EN ISO 6683) - 3" wide, retractable

Sun visor for front cab window

## INSTRUMENTATION

Electronic Monitoring System, LCD display:

Normal and diagnostic operating modes for engine and drive train, hourmeter, gear, range

Gauges: voltmeter (battery charge), drive train oil temperature, fuel level, coolant temperature, tachometer (engine rpm), AdBlue® tank level (Stage V)

Engine and drive train diagnostics program indicator lights

Warning lights (Tier 3): engine ECM status, high drive train oil temperature, low coolant level, low engine oil pressure, high coolant temperature, low fuel level, high exhaust system temperature, battery charge level, low transmission/clutch oil pressure

Warning lights (Stage V): engine ECM status, high drive train oil temperature, low coolant level, low engine oil pressure, high coolant temperature, low fuel level, high exhaust system temperature, AdBlue® tank low level, battery charge level, low transmission/clutch oil pressure

Warning lights - filters: air cleaner filter, hydraulic oil filters, drive train pressure filter

Audible alarm for low coolant level, low engine oil pressure, high coolant temperature

## ELECTRICAL

Alarm, back-up, white noise

Alternator 110 A

Dual batteries 12 V, 950 CCA, cold start, maintenance free

Horn, electric

Lights on cab, 4 cab side mounted - 2 RH & 2 LH; 2 rear, LED

Lights with guards, LED, 2 front - lift cylinders mounted, 2 rear - fuel tank mounted

Receptacle, starting/charging plug

Starting, 24 V

Starting aid - air grid heater

## GUARDS

Crankcase, hinged, with front pull hook, transmission, fan, radiator, sprocket rock and dirt deflector

Engine hood, solid, sloped

Engine side doors, hinged, perforated type

Final drive seal guard

Radiator guard door, louvered, hinged

## UNDERCARRIAGE (STD)

Track adjusters, hydraulic

Track chain, sealed and lubricated (LTS) with split master link, 39 links

Track chain end guides, integral

Track frame, 6 roller, 1930 mm (76") gauge, oscillating type, lifespan

lubricated rollers and idlers

Track shoes, 508 mm (20") severe service

## UNDERCARRIAGE (LT)

Track adjusters, hydraulic

Track chain, sealed and lubricated (LTS) with split master link, 43 links

Track chain center guides

Track chain end guides, integral

Track frame, 8 roller, 1930 mm (76") gauge, oscillating type, lifespan

lubricated rollers and idlers

Track shoes, 508 mm (20") severe service

## UNDERCARRIAGE (WT)

Track adjusters, hydraulic

Track chain, sealed and lubricated (LTS) with split master link, 43 links

Track chain center guides

Track chain end guides, integral

Track frame, 8 roller, 2030 mm (80") gauge, oscillating type, lifespan

lubricated rollers and idlers

Track shoes, 762 mm (30") severe service

## UNDERCARRIAGE (LGP)

Track adjusters, hydraulic

Track chain, sealed and lubricated (LTS) with split master link, 43 links

Track chain center guides

Track chain end guides, integral

Track frame, 8 roller, 2160 mm (85") gauge, oscillating type, lifespan

lubricated rollers and idlers

Track shoes, 940 mm (37") extreme clipped corner with bolt holes for 3rd rail track

## HYDRAULIC CONTROLS

Load sensing hydraulic system with variable-displacement multi-piston pump 3-spool valve, 1 lever with pilot operated blade control (lift/tilt), ready for ripper

Trimble Basic

## OTHER STANDARD EQUIPMENT

Diagnostic centers for power train and equipment hydraulic pressures

Ecological drains for engine oil, radiator coolant and hydraulic oil

Hitch, retrieval

Manuals, parts and operator's

Maintenance tool kit (includes grease gun)

Rear access platform

Tools compartment

Vandalism protection, one key for all locks

## OPTIONAL EQUIPMENT

### BLADE EQUIPMENT (STD & LT)

**Semi-U**, 5.70 m<sup>3</sup> (7.45 yd<sup>3</sup>), complete with all blade components, includes hydraulic tilt and manual pitch or hydraulic tilt/pitch

Trimble Basic - brackets for masts on blade; no masts

**Angle (manual angle)**, 3.8 m<sup>3</sup> (5.0 yd<sup>3</sup>), complete with all blade components, includes heavy duty struts, with or without hydraulic tilt

Trimble Basic - brackets for masts on blade; no masts

### BLADE EQUIPMENT (WT)

**Semi-U**, 5.95 m<sup>3</sup> (7.78 yd<sup>3</sup>), complete with all blade components, includes hydraulic tilt and manual pitch or hydraulic tilt/pitch

Trimble Basic - brackets for masts on blade; no masts

**Angle (6-way)**, 3.8 m<sup>3</sup>(5.0 yd<sup>3</sup>), full hydraulic, inside arm with hydraulic tilt and angle and manual pitch, complete with all blade components and steps on track frame

Trimble Basic - brackets for masts on blade; no masts

### BLADE EQUIPMENT (LGP)

**Straight**, 3.6 m<sup>3</sup> (4.7 yd<sup>3</sup>), complete with all blade components, includes hydraulic tilt and manual pitch

Trimble Basic - brackets for masts on blade; no masts

**Angle (6-way)**, 4.0 m<sup>3</sup> (5.2 yd<sup>3</sup>), full hydraulic, inside arm with hydraulic tilt and angle and manual pitch, complete with all blade components and steps on track frame

Trimble Basic - brackets for masts on blade; no masts

### REAR MOUNTED EQUIPMENT (STD & LT)(WT)

Fixed drawbar, replaces the standard retrieval hitch

Ripper, multi-shank beam, with three shanks, partially mounted

Ripper, single-shank beam, with shank, partially mounted

### REAR MOUNTED EQUIPMENT (LGP)

Drawbar with counterweight

### TRACK SHOES (STD)

560 mm (22") shoes, severe service

610 mm (24") shoes, severe service

660 mm (26") shoes, severe service

### TRACK SHOES (WT)

508 mm (20") shoes, square corner, severe service

560 mm (22") shoes, square corner, severe service

610 mm (24") shoes, square corner, severe service

660 mm (26") shoes, square corner, severe service

### TRACK SHOES (LT)

560 mm (22") shoes, square corner, severe service

610 mm (24") shoes, square corner, severe service

660 mm (26") shoes, square corner, severe service

### TRACK SHOES (LGP)

660 mm (26") shoes, square corner, severe service

Std 940 mm (37") shoes with third rail track system (adds half chain assembly to outer ends of 37" shoes)

### OPERATOR'S ENVIRONMENT

#### For use with cab:

- Air recirculation system with MSHA filters, severe service
- Heated mirrors, 2 pcs, exterior
- Seat, heated, air suspension type, fabric cover, adjustable, high back (includes empty seat sensor and belt sensor)
- Sun visors (2), additional, for side door windows

### ELECTRICAL

Additional cab lights, 2 front, LED

Additional tractor lights, 2 front, lift cylinder mounted, LED

Additional lights, 2 rear, under A/C mounted, LED

### GUARDS

Electrical winch for engine crankcase guard

Engine hood, perforated

Final drive rock guard

Track roller guard, full length

Transmission and engine crankcase guards, severe service crankcase guard with front pull hook

Tank guard, bolted (0.5" plate protects fuel tank and hydraulic reservoir)

### SCREENS

Sweeps, forestry, front and rear, for standard cab

Include guard for fuel tank and hydraulic reservoir

Screens for cab windows (front, side, doors, no rear) hinged, black painted

Screen for rear cab window hinged, black painted

Screens for tractor lights (2 front, 2 rear)

Screens for additional 2 front cab lights

### ADDITIONAL OPTIONS

Air precleaner, turbine type (Enginaire), (sandy & dusty operating conditions)

Centralized Lubricating System (For machine without or with ripper)

Fast fill - fuel tank

Fan, reversible (sandy & dusty operating conditions)

Inspection lamp, 12 V, portable, with cable

Sound suppression package, for use with std solid hood or with perforated hood

Starting/charging receptacle plug assembly

1000 h maintenance package (filters)

2000 h maintenance package (filters)

### EXPORT PACKING

Export packing, drive on / drive off, machine on the trailer

Export packing, drive on / drive off, machine on the railway wagon

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