

DRESSTA
TD-40
CRAWLER DOZER

TIER III

ENGINE: Cummins/QSK 19/T3
POWER: 415 kW
(555 hp)
OPERATING WEIGHT: 67,700kg
BLADE CAPACITY: 18.6 - 39.8 m³
(24.3 - 52 yd³)

STAGE V

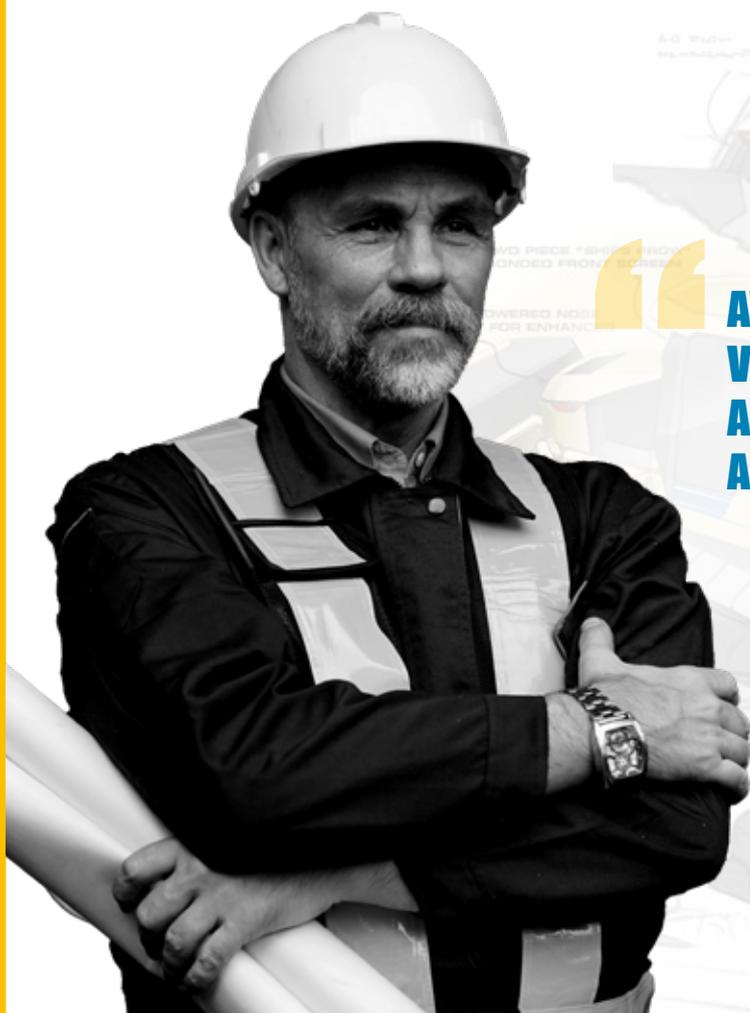
Perkins 2806J
425 kW
(570 hp)
67,850kg
18.6 - 39.8 m³
(24.3 - 52 yd³)



THE OPERATOR'S EXPERIENCE IS CENTRAL TO OUR DESIGN APPROACH

When we design a machine, we start with the operator and design everything around them. When the operator can see more, they can do more in safety. That's why Dressta machines are the benchmark for visibility of the blade, ripper, tracks, and jobsite.

We use our engineering capability to deliver the maximum pushing power with machines that just keep on working. In our tough applications endurance is the key and we have machines that are still working and earning with 30 years' tough service in the field. That's Dressta design and endurance in action.



AWESOME POWER, SUPERIOR VISIBILITY AND ENDURANCE ARE ACHIEVED NOT BY ACCIDENT BUT BY DESIGN.

Howie, Site Manager



DESIGN



POWER



VISIBILITY



ENDURANCE

BUILT WITH THE BEST OPERATORS IN MIND

EXPERIENCE THE POWER

The TD-40E is powered by a 555 net HP (415 kW) Cummins QSK19 engine, compliant with US EPA Tier 3/EU Stage IIIA; while the TD-40R E powered by 570 net HP (425 kW) Perkins 2806J engine compliant with US EPA Tier 4 Final/EU Stage V. Both engines deliver fuel efficient torque and power for profitable dozing and ripping.

1.

PERFECT POWER TURNS

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.

2.

RUGGED UNDERCARRIAGE

Built for endurance, the tough undercarriage design delivers smooth, stable operation with unmatched durability.

3.

THE ULTIMATE CLIMATE CONTROL

The TD-40 is capable of operating in ambient temperatures of between -40°C and +60°C thanks to its modular, highly efficient hydrostatic fan drive cooling system.

4.

EXTREME ENDURANCE

Endurance is one of our core values so you can rely on our machines to perform, no matter how hostile the conditions.

5.

HIGHER UPTIME, LOWER COST

Modular component layout with safe, easy access to maintenance points. Lifetime lubricated rollers, heavy duty chains and idlers for extended track life all combine to reduce maintenance costs.

6.

POWER YOU CAN RELY ON

Precise and reliable power shift transmission and steering drive clutch, with 6 forward and 6 reverse travel speeds maximise drawbar pull.

7.

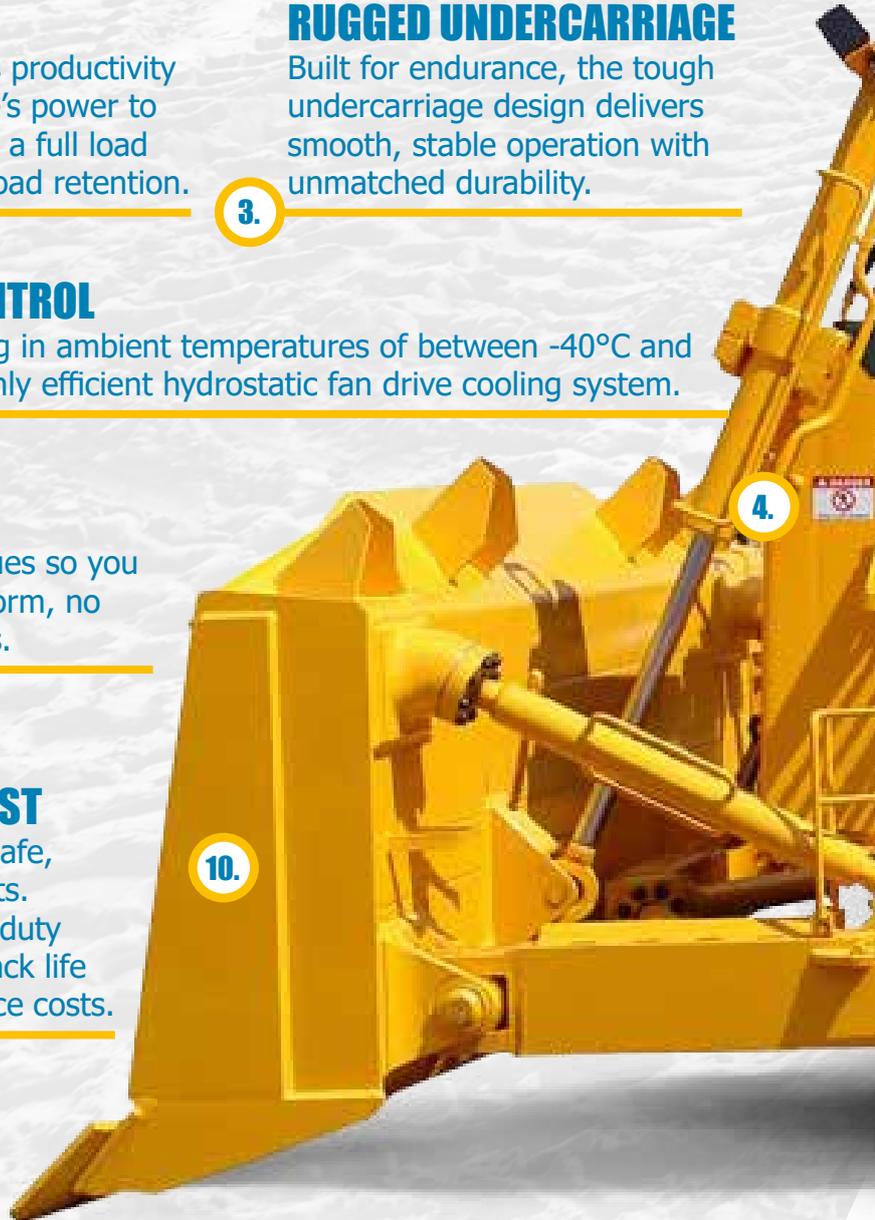
10.

4.

TRAVEL SPEED PRE-SELECTION

Travel speed pre-selection and automatic down-shifting mode make the operator's life easy.

8.



ERGONOMICALLY DESIGNED CAB

Ergonomically designed cab with deluxe seat, sound suppression and responsive controls, and the safety of a six-post design FOPS cab and external 2-post ROPS.

9.

INDUSTRY LEADING BLADE CAPACITY

We set the standard for blade capacity with a choice of Semi-U blade (Standard), Full-U blade and Coal blade all designed to move more material with every push. smooth, stable operation with unmatched durability.

10.



**THAT'S THE PREVIEW –
LET'S POWER ON INTO THE DETAIL.**

SUPERIOR POWER AND PERFORMANCE

With dozing power as a core value, TD-40 is built to cut dirt. With a perfectly engineered power to weight ratio it delivers awesome pushing power with surprisingly low noise and vibrations. With 3-speed power shift transmission and 2-speed steering drive, it delivers a perfect dozing experience for the operator, with spot turning, slope control, pushing, ripping, and grading, all performed with maximum control and minimum effort.

In addition, our new, variable hydraulic system reduces fuel consumption by 5%.



**PERFECT POWER
TO WEIGHT RATIO**



POWER SHIFT TRANSMISSION



TORQUE CONVERTER

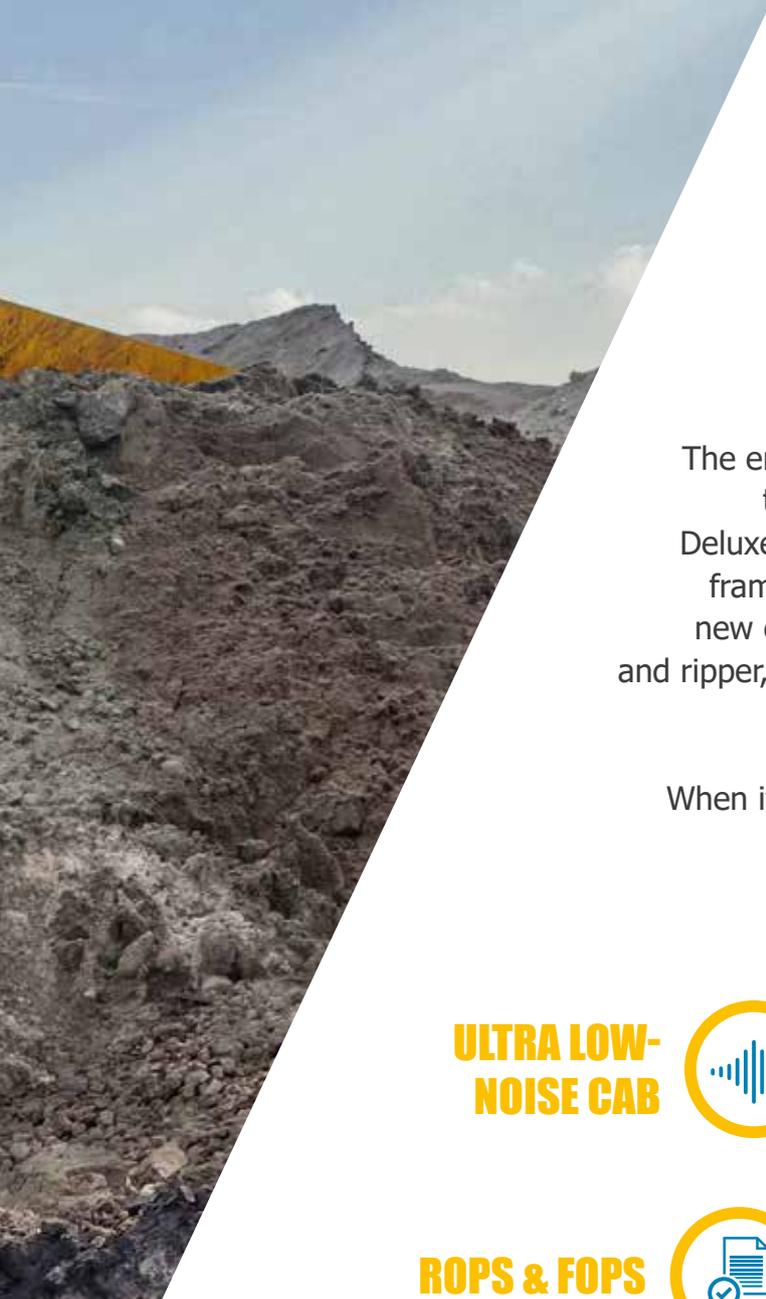
**“AWESOME POWER - ON DEMAND – IT’S
JUST WHAT YOU WANT!”**

Oliver, Mining Operator Specialist









EASY ON THE OPERATOR

The ergonomic cab design has been designed around the operator's safety, comfort and performance. Deluxe seat, advanced climate control, external beam frame ROPS & FOPS, improved operator's interface, new ergonomic joysticks controls for direction, blade and ripper, high visibility LCD in-cab display and Bluetooth connectivity.

When it comes to comfort and safety, we put you first.

**ULTRA LOW-
NOISE CAB**



**MULTI-FUNCTIONAL
JOYSTICK**



ROPS & FOPS



**AIR SUSPENSION SEAT &
ERGONOMIC CONTROLS**



**"IT'S GOT EVERYTHING YOU WANT
FOR A HARD DAYS' PUSHING!"**

Jarek, Site Manager



THE BENCHMARK FOR CONTROL AND CONNECTIVITY

When it comes to sensitive control, the TD-40 puts the power in your hands. Unrivalled blade and ripper performance, intelligent blade speed mode (Slow, Neutral, Fast) and auto downshift controller. The TD-40 delivers fewer passes, higher fuel economy, lower fatigue and greater job satisfaction for the operator. Job done!



**INTELLIGENT
BLADE SPEED MODE**



**WORLD-CLASS
HYDRAULICS**

**“THE PERFECT HEAVY HITTER
ON THE MINING JOB SITE”**

Tomir, Mining Account Manager









THE HEART OF ENDURANCE

Endurance is the heart of Dressta. Our machines are designed and built to last. The TD-40 takes endurance to a new level. Every weld and every component are rigorously tested to the limit and beyond.

Tough frame and versatile undercarriage have been designed and engineered to absorb shattering impacts with ease. The hydraulics are armed with even greater protection from impact and debris. The blade and ripper has been strengthened to withstand the incredible forces and impacts of the toughest terrain.

A dozer is only as strong as its weakest point – and at Dressta – we don't do weakness.

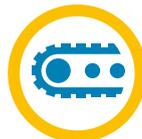
**TOUGH FRAME
BUILT TO ABSORB
HIGH IMPACT SHOCK**



**FULLY PROTECTED
HYDRAULICS**



**TOUGH, VERSATILE
UNDERCARRIAGE**



**STRONGER RIPPER
AND BLADE**



“DRESSTA HAVE MACHINES THAT HAVE BEEN OPERATING FOR OVER 30 YEARS IN INCREDIBLY TOUGH CONDITIONS – ENDURANCE ISN'T MEASURED IN WORKING HOURS, IT IS MEASURED IN DECADES.”

Arjun, Dozer Operator



SUPERIOR VISIBILITY FROM EVERY ANGLE

Visibility is one of our core values and is key to operator safety and productivity - the more you see the more you can do in safety.

The TD-40's cab presents clear views to the tracks, blade corners, and ripper. With additional lighting for improved night visibility and additional ripper lighting, when it comes to improved visibility, you've got the jobsite covered.



**CLEAR VIEW OF THE,
RIPPER & JOBSITE**



**ADDITIONAL LIGHTING FOR
IMPROVED NIGHT VISIBILITY**

**“PRODUCTIVITY DOESN'T HAVE TO STOP
WHEN THE SUN GOES DOWN”**

Karim, Product Manager





AT YOUR SERVICE 24/7

With the TD-40 we've made daily checks and maintenance easy. Engine and hydraulic oil checks, coolant checks and grease point checks can all be done quickly and safely keeping you working and earning.

Our machines are backed up by one of the most comprehensive warranties in the industry, with the option of an extended warranty for the ultimate peace-of-mind.

Our skilled and experienced dealer network is supported by a global parts network, with seven regional distribution centres and advanced logistics system. This service team, is there for you 24/7 with advice, technical support and genuine parts where you need them and when you need them.



FAST & SIMPLE MAINTENANCE



PROACTIVE DEALER NETWORK



FAST AND EASY PARTS SUPPLY



COMPREHENSIVE WARRANTY



MAINTENANCE FREE EQUALIZER BARS

“WHEREVER YOU ARE, WHATEVER YOU ARE DOING, DRESSTA ARE COMMITTED TO CREATING THE BEST SUPPORT EXPERIENCE. THAT'S THE DRESSTA PROMISE”

Ivan, Service Technician





SPECIFICATIONS

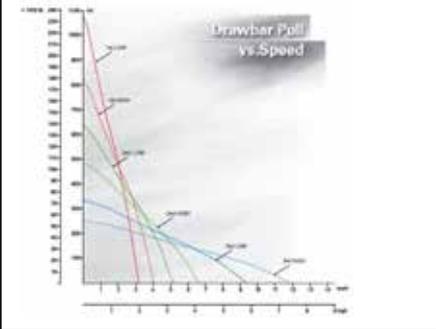
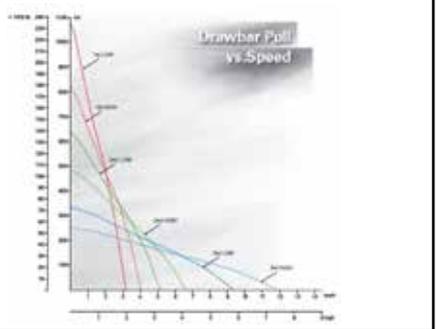
TD-40E EXTRA & TD-40R EXTRA

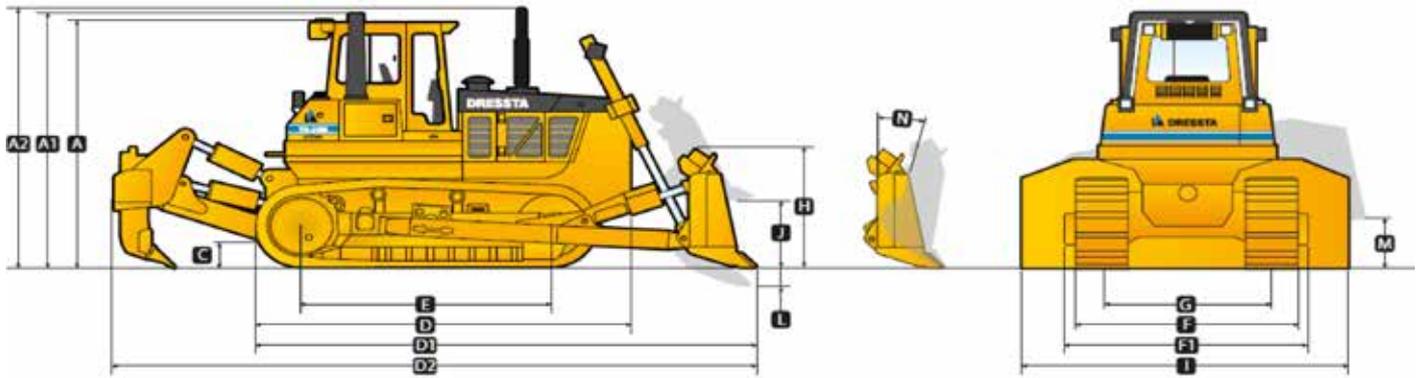




SPECIFICATIONS

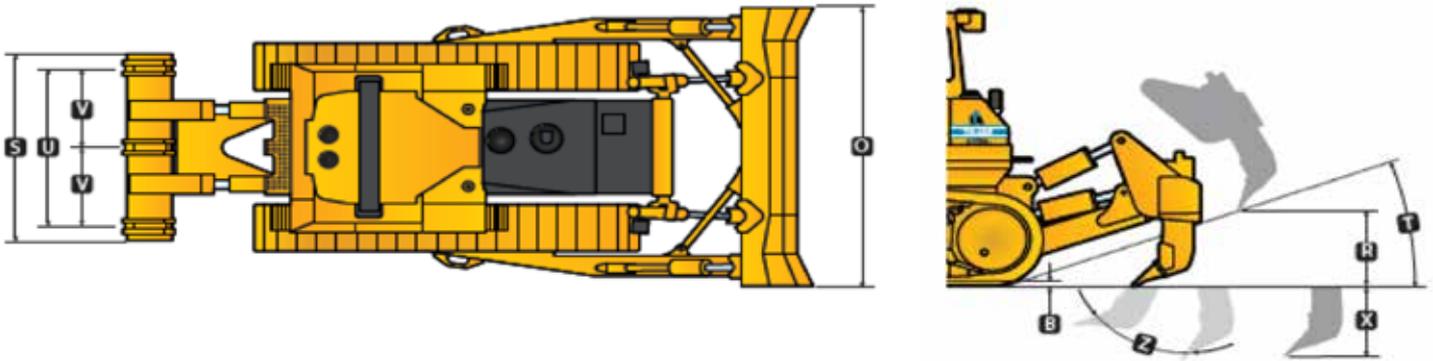
MODEL		NEW TD-40			
TYPE		TD-40E EXTRA		TD-40R EXTRA	
ENGINE					
Make and model		Cummins QSK19		Perkins 2806J	
Emissions Standard		EPA Tier 3/EU Stage IIIA		EPA Tier 4f/EU Stage V	
Displacement		19 l (1150 in3)		18.1 l (912 in3)	
Bore and stroke		159 x 159 mm (6.25 in x 6.25 in)		145 x 183 mm (5.71 in x 7.20 in)	
Gross Horsepower, SAE J1995		418 kW (560 hp)		429 kW (575 hp)	
Net Horsepower, SAE J1349/ISO 9249		415 kW (555 HP)		425 kW (570 hp)	
at max. speed of hydraulic fan		384 kW (515 hp)		397 kW (532 hp)	
Rated rpm		2000		2000	
Max. Torque		2379 Nm (1755 lb-ft)		2694 Nm (1987 lb-ft) @ 1300 rpm	
Air Cleaner		2-stage, dry type , with dash mounted electronic service indicator		dry type, with dash-mounted electronic service indicator	
Cold-Starting Aid		intake- mounted air -inlet grid heater		ether start	
Slope Operation, Max. angle		45 deg		45 deg	
COOLING					
Type		Suction- type variable-speed fan, hydraulically driven with perforated engine side sheets and heavy duty louvered front grill			
Engine Cooling Rating		-37 deg C (-34 deg F)		-37 deg C (-34 deg F)	
POWERTRAIN					
Transmission		Single stage 450 mm (17.5 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		Single stage 450 mm (17.5 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 planetary type final drives mounted independently of track frames and dozer push arms for isolation from shock loads		Double-reduction planetary type final drives mounted independently of track frames and dozer push arms for isolation from shock loads	
Total ratio		28.1 to 1		28.1 to 1	
TRAVEL SPEEDS					
Gear	Range	Forward	Reverse	Forward	Reverse
		km/h (mph)	km/h (mph)	km/h (mph)	km/h (mph)
1 st	Low	3.2 (2.0)	4.1 (2.5)	3.2 (2.0)	4.1 (2.5)
	High	4.1 (2.5)	5.2 (3.2)	4.1 (2.5)	5.2 (3.2)
2 nd	Low	5.2 (3.2)	6.5 (4.0)	5.2 (3.2)	6.5 (4.0)
	High	6.7 (4.2)	8.4 (5.2)	6.7 (4.2)	8.4 (5.2)
3 rd	Low	9.4 (5.8)	11.7 (7.3)	9.4 (5.8)	11.7 (7.3)
	High	12.0 (7.5)	14.9 (9.3)	12.0 (7.5)	14.9 (9.3)

DRAWBAR PULL		
Maximum	1157 kN (260104 lb)	1225 kN (275391 lb)
		
BRAKES		
Service	"Spring applied hydraulically released multi-disc wet brakes. Foot pedal piloted control"	"Spring applied hydraulically released multi-disc wet brakes. Foot pedal piloted control"
Parking	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.
HYDRAULICS		
Type	Open-center hydraulic system with fixed-displacement multiple-pump vane type	Open-center hydraulic system with fixed-displacement multiple-pump vane type
Pump displacement	313.5 l/min (82.8 gpm)	313.5 l/min (82.8 gpm)
System relief pressure	"Blade lift & ripper 17.2 MPa (2,500 psi); blade tilt 18.4 MPa (2,670 psi)"	"Blade lift & ripper 17.2 MPa (2,500 psi); blade tilt 18.4 MPa (2,670 psi)"
Control	single joystick lever	single joystick lever
Cylinders, bore and stroke		
Lift	152.4 x 1760 mm (6.0" x 69.3")	152.4 x 1760 mm (6.0" x 69.3")
Tilt	254 x 175 mm (10" x 6.9")	254 x 175 mm (10" x 6.9")
Tilt/pitch	220 /254 x 175 mm (8.6"/10" x 6.9")	220 /254 x 175 mm (8.6"/10" x 6.9")
ELECTRICAL		
Voltage	24 V	24 V
Number of Batteries	4	4
Battery Capacity	960 CCA	960 CCA
Alternator Rating	105 A	150 A
Lights	8 total; cab mounted (2F& 2R), 2F lift cylinders and 2R fuel tank mounted	8 total; cab mounted (2F& 2R), 2F lift cylinders and 2R fuel tank mounted
OPERATOR STATION		
ROPS (ISO 3471 - 2008) and FOPS (ISO 3449 - 2005)		
SERVICEABILITY		
Refill Capacities		
Fuel Tank	1362 l (360 US gal)	
Cooling System	89.5 l (23.6 US gal)	
Engine Oil	59.3 l (15.7 US gal)	
Transmission System	270 l (71 US gal)	
Final drive, each side	85 l (22.5 US gal)	
Hydraulic Reservoir	184 l (48.6 US gal)	
OPERATING WEIGHTS		
Base Weight with Semi-U blade w/tilt, single-shank ripper, standard equipment, Cab ROPS/FOPS, full fuel tank, and 79-kg [175 lb.] operator	67700 kg (149251 lb)	67850 kg (149584 lb)
OPTIONAL COMPONENTS		
Ripper w/3 shank	372 kg (820 lb)	372 kg (820 lb)
Track Shoes		
660 mm (26 in)	335 kg (740 lb)	335 kg (740 lb)
762 mm (30 in.)	870 kg (1,918 lb)	870 kg (1,918 lb)
800 mm (31.5 in)	920 kg (2030 lb)	920 kg (2030 lb)



TD-40E Extra & TD-40R with Semi-U Blade and Ripper

TYPE	TD-40E EXTRA	TD-40R EXTRA				
MACHINE DIMENSIONS						
A Overall Height -FOPS Cab	4060 mm (13 ft 10 in)	4060 mm (13 ft 10 in)				
A1 Overall Height -ROPS	4220 mm (13 ft 10 in)	4220 mm (13 ft 10 in)				
A2 Overall Height -end of exhaust pipe	4410 mm (14 ft 6 in)	4410 mm (14 ft 6 in)				
B Grouser height	93 mm (3.66 in)	93 mm (3.66 in)				
C Ground Clearance	600 mm (23.7 in)	600 mm (23.7 in)				
D Overall Length, base machine	5750 mm (18 ft 10 in)	5750 mm (18 ft 10 in)				
D1 Length with Blade	7.93 m (26 ft)	7.93 m (26 ft)				
D2 Length with Blade and 1-shank /3-shank Ripper	10.35 m / 9.76 m (34 ft / 32 ft)	10.35 m / 9.76 m (34 ft / 32 ft)				
E Track Length on Ground	3610 mm (11 ft 10 in)	3610 mm (11 ft 10 in)				
F Width Over Track	3110 mm (10 ft 2 in)	3110 mm (10 ft 2 in)				
F1 Width Over Trunnions	3730 mm (12 ft 3 in)	3730 mm (12 ft 3 in)				
G Track Gauge	2500 mm (8 ft 2 in)	2500 mm (8 ft 2 in)				
BLADE SPECS						
Type	Semi-U	Full-U	Coal	Semi-U	Full-U	Coal
SAE Capacity	18.6 m3 (24.3 cu yd)	22.8 m3 (29.8 cu yd)	39.8 m3 (52 cu yd)	18.6 m3 (24.3 cu yd)	22.8 m3 (29.8 cu yd)	39.8 m3 (52 cu yd)
H Blade Height	2230 mm (7 ft 4 in)	2260 mm (7 ft 5 in)	2500 mm (8 ft 2 in)	2230 mm (7 ft 4 in)	2260 mm (7 ft 5 in)	2500 mm (8 ft 2 in)
I Blade Width	4810 mm (15 ft 9 in)	5180 mm (17 ft)	6850 mm (22 ft 6 in)	4810 mm (15 ft 9 in)	5180 mm (17 ft)	6850 mm (22 ft 6 in)
J Blade Lift Height	1530 mm (5 ft 0.2 in)	1530 mm (5 ft 0.2 in)	1460 mm (4 ft 9.5 in)	1530 mm (5 ft 0.2 in)	1530 mm (5 ft 0.2 in)	1460 mm (4 ft 9.5 in)
K Blade Angle	-	-	-	-	-	-
L Blade Digging Depth	830 mm (32.7 in)	830 mm (32.7 in)	875 mm (34.4 in)	830 mm (32.7 in)	830 mm (32.7 in)	875 mm (34.4 in)
M Maximum Tilt	1150 mm (45.3 in)	1250 mm (49.2 in)	1650 mm (65 in)	1150 mm (45.3 in)	1250 mm (49.2 in)	1650 mm (65 in)
N Maximum Blade Pitch Adjustment	10 deg	10 deg	10 deg	10 deg	10 deg	10 deg
O Overall Width with Blade Angled	-	-	-	-	-	-



TD-40E Extra & TD-40R with Semi-U Blade and Ripper

TYPE	TD-40E EXTRA			TD-40R EXTRA		
RIPPER						
Type	Parallelogram ripper with hydraulic pitch adjustment					
	Single-shank		Multi-shank (3-shank)	Single-shank		Multi-shank (3-shank)
	Standard	Deep		Standard	Deep	
R Maximum Clearance Under Tip (raised)	1000 mm (39 in)	720 mm (28 in)	950 mm (37 in)	1000 mm (39 in)	720 mm (28 in)	950 mm (37 in)
S Overall Beam Width	1670 mm (65.7 in)	1670 mm (65.7 in)	2880 mm (113.5 in)	1670 mm (65.7 in)	1670 mm (65.7 in)	2880 mm (113.5 in)
T Slope Angle (full raise)	30.8 deg	30.8 deg	30.8 deg	30.8 deg	30.8 deg	30.8 deg
U Ripping Width	-	-	2380 mm (94 in)	-	-	2380 mm (94 in)
V Spacing Center to Center	-	-	1190 mm (47 in)	-	-	1190 mm (47 in)
X Maximum Penetration	1290 mm (51 in)	1670 mm (66 in)	1000 mm (39 in)	1290 mm (51 in)	1670 mm (66 in)	1000 mm (39 in)
Z Maximum Pitch Adjustment	25.1 deg	25.1 deg	25.1 deg	25.1 deg	25.1 deg	25.1 deg
Penetration Force	200 kN (44960 lb)	200 kN (44960 lb)	205 kN (46084 lb)	200 kN (44960 lb)	200 kN (44960 lb)	205 kN (46084 lb)
Pryout Force	612 kN (137578 lb)	612 kN (137578 lb)	622.5 kN (139938 lb)	612 kN (137578 lb)	612 kN (137578 lb)	622.5 kN (139938 lb)
Shank positions (vertical)	4	4	2	4	4	2
Weight of Ripper w/ 1 shank	8356 kg (18422 lb)	8461 kg (18653 lb)	7588 kg (16729 lb)	8356 kg (18422 lb)	8461 kg (18653 lb)	7588 kg (16729 lb)
Weight of Shank	668 kg (1,473 lb)	773 kg (1,704 lb)	570 kg (1260 lb)	668 kg (1,473 lb)	773 kg (1,704 lb)	570 kg (1260 lb)



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Equipment and options varies by regional availability.