



**TEREX® | ADVANCE**

**FD4000**

# FRONT DISCHARGE MIXER TRUCKS



## **SPECIFICATION:**

Axles: 4  
Wheel Base: 208 in  
Drum Configuration: 11 yd / 233.25 in



FRAME CONSTRUCTION

Rails:	10.3" X 3.75" X 0.375" channel, 130,000 psi tensile-strength steel
Fasteners:	HUCK-FIT fastening system
Crossmembers:	8" X 3-1/8" x 3/8" formed channel
Optional	Frame Liner - 1/4" thick, full-length, 130,000 psi tensile-strength steel

SUSPENSIONS

Front:	Hendrickson two-stage multileaf spring with upturned-eye military wrapper and shock absorber, 26,000-lb rating
Pusher:	Hendrickson Composilite FX, 13,500-lb rating, air down and air lift, fabricated non-steerable axle Hendrickson Composilite ST, 13,500-lb rating, air down and air lift, fabricated steerable axle Watson & Chalin Tru-Track, 13,200-lb rating, air down and air lift, fabricated steerable axle Hendrickson HLM FX, 20,000-lb rating, air down and air lift, fabricated non-steerable axle Watson & Chalin Tru-Track, 20,000-lb rating, air down and air lift, fabricated steerable axle
Tandem:	Hendrickson Norde HN-462, 46,000-lb rating Hendrickson HaulMaax, 46,000-lb rating Hendrickson Primaax air ride, 46,000-lb rating Neway AD-246 air ride, 46,000-lb rating

AXLES

Front:	Meritor MX23, 23,000-lb rating
Optional:	Marmon-Herrington MT-22, 23,000-lb rating Marmon-Herrington MT-22, 24,000-lb rating Meritor MX23-810, 23,000-lb rating (with Disc Brakes) Driver-controlled diff-lock
Tandem:	Dana D46-170, 46,000-lb rating Meritor RT-46, 46,000-lb rating

TRANSFER CASE

Cushman 1.0 : 1.0 high, 2.52 : 1.0 low
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CAB

Optional:	Terex Workspace Cab with flip-down training seat
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DRIVELINES

1760 series drivelines with easy-service yokes, 4-in OD heavy-wall tube with 4-in slip
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TRANSMISSION

	Model	HP Rating	Torque Rating (lb-ft)
Allison	RDS4500 GEN 5	565	1650

ENGINES

	Model	HP	RPM	Torque (lb-ft)	RPM
MTU	DD13 12.8L-380	380	1625	1450	975
	DD13 12.8L-450	450	1625	1550	975
CUMMINS	ISX12 12.0L-350V	350	1300-1800	1450	1100-1200
	ISX12 12.0L-385V	385	1500-1800	1450	1100-1300
	ISX12 12.0L-425V	425	1800	1550	1100-1400
Optional:	with Engine Brake				

HOOD

One-piece fiberglass, EZ-Lift
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MIXER DRUM - TMMB CERTIFIED

Size:	11.0 yd³ with 46” opening; splitter fins standard
Material:	Steel; AR 200/255 minimum Brinell hardness number (Bhn); abrasion-resistant, 3/16” heavy-wear area
Optional:	Steel; AR 400 Brinell hardness number (Bhn) - 3/16” thickness
Hydrostatics:	PMP 5.5-in³ displacement pump with 4.4-in³ displacement motor
Drum Drive:	PMP 129:1 Straight Drum Drive
Optional:	ZF CML-12 Drum Drive
Hopper:	Fixed, AR 400 Brinell hardness number (Bhn)
Optional:	Air-flip, AR 400 Brinell hardness number (Bhn)

WATER TANK

Standard:	Aluminum, 150 gal, 120 psi; Single fill (RDSD or CBSD)
Optional:	Aluminum, 150 gal, 120 psi; Dual fill Aluminum 200 gal, 120 psi; Single fill (RDSD or CBSD) Aluminum 200 gal, 120 psi; Dual fill Aluminum 250 gal, 120 psi; Single fill (RDSD or CBSD) Aluminum 250 gal, 120 psi; Dual fill

FUEL TANK

50 gal aluminum fuel tank
70 gal aluminum fuel tank
80 gal aluminum fuel tank

DISCHARGE CHUTE

Standard:	Hydraulically rotated and lifted/lowered, ASTM 715 GR50 main chutes Standard or paver manual flip chute Four 48” standard/paver steel chute extensions
Optional:	Standard or paver hydraulic 3-section flip chute Standard or paver hydraulic 4-section flip chute For manual flip chute: Four 48” standard/paver aluminum chute extensions For manual flip chute: Four 48” standard/paver aluminum chute extensions with liner For manual flip chute: Four 48” standard aluminum premiere chute extensions For hydraulic flip chute: Two 48” standard/paver steel chute extensions For hydraulic flip chute: Two 48” standard/paver aluminum chute extensions For hydraulic flip chute: Two 48” standard/paver aluminum chute extensions with liner For hydraulic flip chute: Two 48” standard aluminum premiere chute extensions

DRUM/CHUTE CONTROLS

Standard:	RE Control (electric/hydraulic drum control; hydraulic chute control)
Optional:	RE Total Control System (electric/hydraulic drum and chute control)

OTHER STANDARD EQUIPMENT

Air Dryer
Air Horn
Air Ride Seat
Engine Block and/or Pan Heater
High Engine/Temperature Alarm
Low Air Warning Light
Low Engine Coolant Indicator
Low Engine-Oil-Pressure Alarm
Transmission Temperature Alarm
Hour Meter
LED Cab Lighting (for Standard Cab)
Mixer Revolution Counter
Patented OSHA-Approved Safety Railing
Slump Meter
Stainless Steel Cab
Three-Battery System
Windshield Washer

OTHER OPTIONAL EQUIPMENT

Hub and/or Nut Covers		
External Lift Axle Control		
Front Tow Bar (Short w/ Slot or Double Short w/Hole & Pin options)		
Rear Tow Bar (Short w/ Slot or Double Short w/Hole & Pin options)		
Front Bumper Underride		
Hood Protection (Straight Bar or Wrap Around Tube)		
Heat and A/C (Heater only is STD)		
Vinyl or Cloth Cab Seat		
Cab Fan		
Coat Hook in Cab		
Radio w/ CD Player		
Heated Mirrors		
Daytime Running Lights		
Backup Camera (Large LCD/Brigade Large LCD/Brigade 4-channel Large LCD)		
Backsense Backup Radar (available with Brigade brand camera options)		
LED headlights (halogen is STD)		
Worklights (Front, Hood, or Both)		
Strobe Light (Front, Hood, or Both)		
Main Chute Vibrator		
External Remote Pendant for Wireless Drum Control		
Heated Air-Actuated Water Tank Valve (Non-heated is STD)		
Manual Water Tank Valve located along back wall of cab		
24" Curb Chute		
Horizontal Chute Carriers (instead of normal chute carrier rack)		
Charge Hopper Liner (Partial Steel, Full Steel (2-piece), or Full Polyurethane (1-piece))		
Rebar on Drum Fins (Single Row or Double Row)		
Drum Paddles		
Toolbox	Aluminum	12"x15"
		16" X 16" X 20"
		16" X 16" X 32"
		18" X 18" X 24"
		45" Wide
Steel	26" X 13" X 15.5"	
	45" Wide	
	54" Wide	
Bucket Holder		
Lube System		

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