



Front-Discharge Mixers | FD4000-FDB4000 Specifications

ROADBUILDING



4-AXLE  
FRONT-DISCHARGE MIXERS

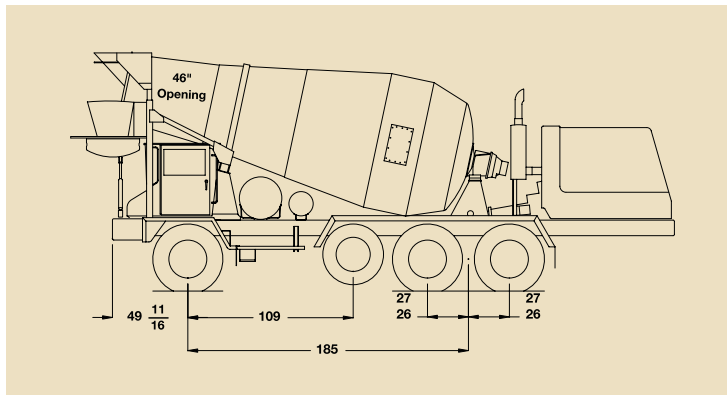
# 4-AXLE FRONT-DISCHARGE MIXERS

## INSPIRATION FOR INNOVATION

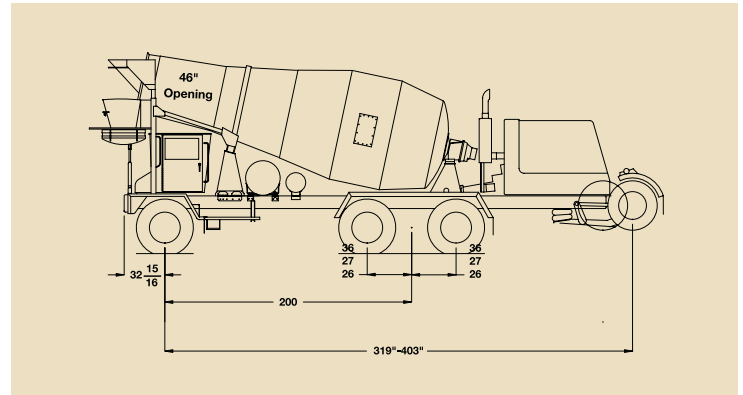
Look to Terex, The Premier Mixer, for products that help you take charge of your profitability and growth. Two 4-axle front-discharge mixers are available: FD4000 and FDB4000. Each one reflects the latest in front-discharge-mixer technology—innovations from Terex that continually set new standards, including the optional Terex Workspace Cab with flip-down training seat. Not surprising, since we perfected the front-discharge mixer 30 years ago. We never rest on our laurels, though. Today, as always, we're looking ahead, enhancing our manufacturing techniques and our customer service, doing whatever it takes to help you improve your bottom line. Talk about it with your Terex representative.



FD4000



FDB4000



Terex front-discharge mixers are renowned for having a higher discharge point and a longer reach, both of which allow for pinpoint discharge accuracy, greater speed and increased efficiency. They're designed for maximum payload capacity and solid reliability, too. Of course, you always get a lot more with a Terex mixer: The base price includes far more standard features than other mixers provide.

## STANDARDS & OPTIONS\*

### FRAME CONSTRUCTION

Rails:	10.3 in x 3.75 in x .375 in channel, 130,000 psi tensile-strength steel
Fasteners:	HUCK-FIT™ fastening system
Crossmembers:	8 in x 3/8 in x 3/8 in formed channel
Optional:	1/2 in-thick, full-length liner, 135,000 psi tensile-strength steel

### SUSPENSIONS

Front:	Two-stage multileaf spring with upturned-eye military wrapper and shock absorber, 26,000-lb rating
Pusher and Tag*:	Hendrickson® HLM-2, 20,000-lb rating, air down with air lift Hendrickson Compositite FX/ST, 13,500-lb rating, air down and air lift, fabricated non-steer axle Watson & Chalin® Tru-Track, 13,200-lb rating, air down and air lift, fabricated steerable axle Watson & Chalin Alumalite SL1190, 13,200-lb rating, air down and air lift, fabricated steerable axle (Models 61211 and 61411) *Various options available.
Tandem:	Hendrickson® HN-462, 46,000-lb rating
Optional:	Hendrickson PRIMAAAX® air ride Neway® AD-246 air ride tandem

### AXLES

Front:	Marmon-Herrington® MT-22, 23,000-lb rating
Optional:	Meritor® MX-23, 23,000-lb rating Eaton® EFA-22T2 non-driving front axle, 22,000-lb rating Driver-controlled diff-lock
Tandem:	Meritor RT-46, 46,000-lb rating
Optional:	Driver-controlled diff-lock

### TRANSFER CASE

Standard:	Cushman® 1.0 : 1.0 high, 2.52 : 1.0 low
Optional:	Meritor 1.0 : 1.0 high, 2.47 : 1.0 low

### DRIVELINES

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

### TRANSMISSIONS

	Model	HP Rating	Torque Rating	Wt. Diff.
Allison®:	Gen. 4 RDS 4500	500	1,550 lb-ft	Standard

### ENGINES

	Model	HP@RPM	Torque@RPM
Caterpillar®:	C11-350 ACERT	350-2100	1350-1200
	C13-335 ACERT	335-2100	1550-1200
	C13-410 ACERT	410-2100	1550-1200
Cummins®:	ISM-350V	350-2100	1450-1250
	ISM-385	385-2100	1450-1250
	ISM-425V	425-2100	1550-1250

### HOOD

One-piece fiberglass, tilt-up

### MIXER DRUM—TMMB Certified

Size:	11 yd <sup>3</sup> with 46-in opening; splitter fins standard
Material:	Steel, AR 212 minimum Brinell hardness number (Bhn), abrasion-resistant, 3/16-in heavy-wear area First section #10 ga. ASTM 715 GR70
Optional:	Steel, AR 400 Brinell hardness number (Bhn)
Hydrostatics:	Eaton 5.4-in <sup>3</sup> displacement pump with 4.6- or 5.4-in <sup>3</sup> displacement motor
Drum Drive:	ZF PK7500, P7300
Hopper:	AR 400 minimum Brinell hardness number; optional air flip-up available

### WATER TANK

Standard:	Steel, 150 gal, 120 psi
Optional:	Steel or aluminum, available up to 250 gal

### DISCHARGE CHUTE

Standard:	Hydraulically rotated, lifted, lowered, ASTM 715 GR70 main and flip chutes, four 48-in chute extensions
Optional:	Wide paver chute extensions; two hydraulically operated chute extensions, including two standard extensions; dual-chute cylinder available Electronic/Hydraulic Joystick Radio Remote Control

\* Special options available on request. Specifications subject to change without notice.



# DETAILS. DETAILS.



LED Lighting



Optional Air-Lift Hopper



Remote Greasing System



120-psi Water Tank, SAE Certified



Chassis Air Tank



400 Brinell Steel Drum



Spring-Loaded Pedestals



Interior of new Terex Workspace Cab



OSHA-Approved Safety Railing



## OTHER STANDARD EQUIPMENT\*

- |                                     |   |
|-------------------------------------|---|
| 120-psi Water Tank—Certified        | Hour Meter  |
| 212/255 Brinell Hardened Steel Drum | LED Lighting  |
| Air Dryer                           | Mixer Revolution Counter  |
| Air Horn                            | Patented OSHA-Approved Safety Railing                                     |
| Air Ride Seat                       | Remote Greasing System for Main Chute, Trunnion Rollers and Front Springs |
| Engine Block and/or Pan Heater      | Slump Meter   |
| High Engine-Temperature Alarm       | Stainless Steel Cab   |
| Low Air Warning Light               | Three-Battery System  |
| Low Engine-Coolant Indicator        | Windshield Washer   |
| Low Engine-Oil-Pressure Alarm       |   |
| Transmission Temperature Alarm      |   |

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Roadbuilding