



Front-Discharge Mixers | FD5000-FDB5000 Specifications

ROADBUILDING



5-AXLE
FRONT-DISCHARGE MIXERS

5-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.

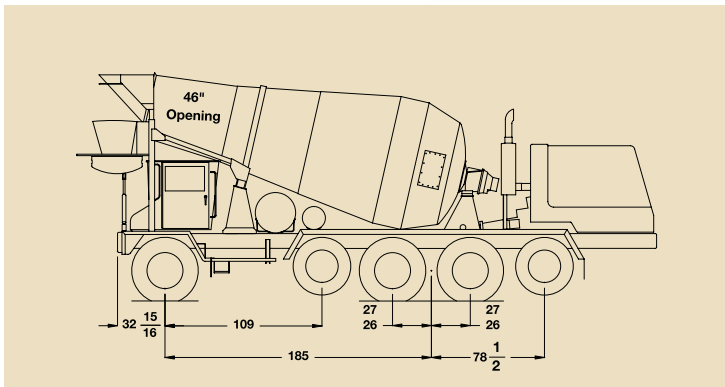
Several 5-axle models are available including the FD5000 and the FDB5000, as well as bridge formula 5-axle configurations. Each one reflects the latest in front-discharge-mixer technology—innovations from Terex that continually set new standards, including the optional Terex Workspace Cab with flip-down 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.

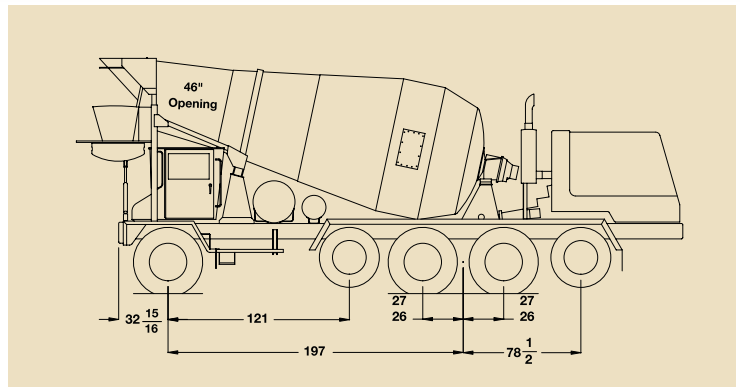
Talk about it with your Terex representative.



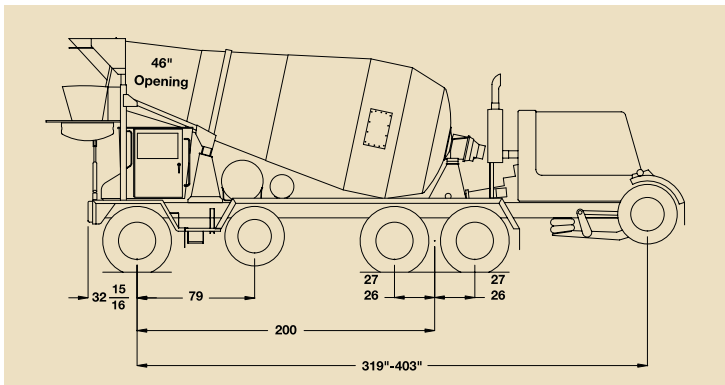
FD5000 GREAT LAKES



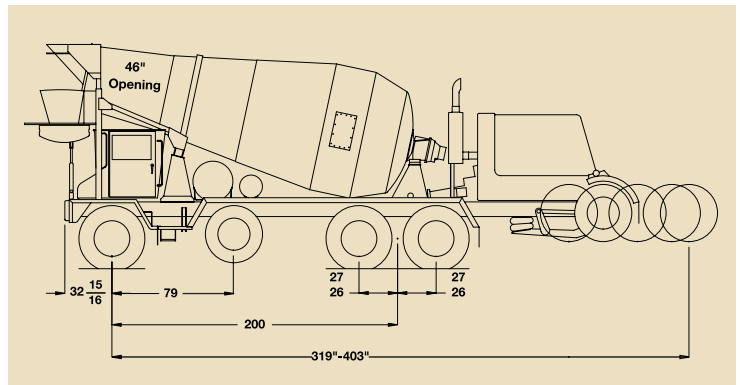
FD5000



FDB5000



FDB5000 PUSHER



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 $\frac{1}{8}$ in x $\frac{3}{8}$ in formed channel
Optional:	$\frac{1}{4}$ 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 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 Watson & Chalin Alumalite SL1190, 13,200-lb rating, air down and air lift, fabricated steerable axle (Models 61211 and 61411) Watson & Chalin Air/Hydraulic Tag, 13,200-lb rating, air down and hydraulic lift, fabricated steerable axle *Various options available.
Tandem:	Hendrickson® HN-462, 46,000-lb rating
Optional:	Hendrickson PRIMAXX® 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
Allison*:	Gen. 4 RDS 4500	500	1,550 lb-ft

ENGINES

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

HOOD

One-piece fiberglass, tilt-up

MIXER DRUM—TMMB Certified

Size:	10 $\frac{1}{2}$ or 11 yd ³ with 46-in opening; splitter fins standard
Material:	Steel, AR 212 minimum Brinell hardness number (Bhn), abrasion-resistant, $\frac{3}{16}$ -in heavy-wear area First section #10 ga. ASTM 715 GR70
Optional:	Steel, AR 400 Brinell hardness number (Bhn)
Hydrostatics:	Eaton 5.4-in ³ displacement pump with 4.6- or 5.4-in ³ 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



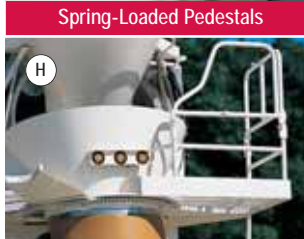
400 Brinell Steel Drum



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

High Engine-Temperature Alarm

Low Air Warning Light

Low Engine-Coolant Indicator

Low Engine-Oil-Pressure Alarm

Transmission Temperature Alarm

Slump Meter

Stainless Steel Cab

Three-Battery System

Windshield Washer

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 **TEREX**
Roadbuilding