



Front-Discharge Mixers | FD4000–FDB4000 Specifications

ROADBUILDING



4-AXLE
FRONT-DISCHARGE MIXERS

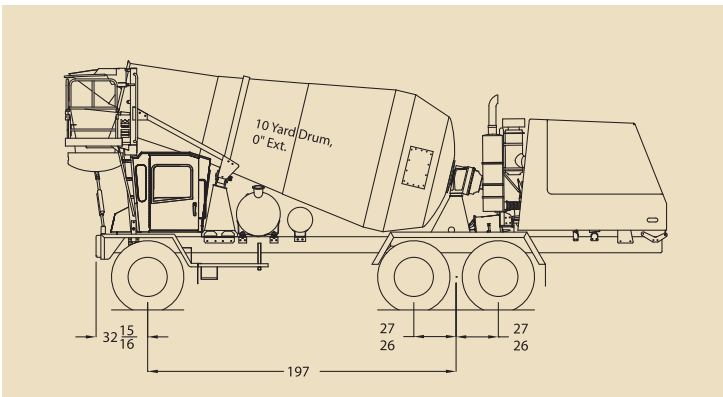
4-AXLE FRONT-DISCHARGE MIXERS

INSPIRATION FOR INNOVATION

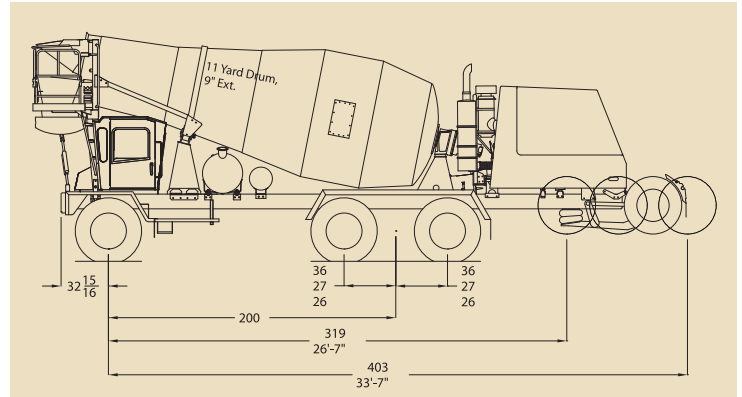
Look to Terex® The Premier Mixer, for products that help you take charge of your profitability and growth. Two 4-axle front-discharge mixers are available: FD4000 and FDB4000. Each one reflects the latest in front-discharge-mixer technology — innovations from Terex® that continually set new standards, 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 0.375 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, 130,000 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 Composilite™ FX/ST, 13,500-lb rating, air down and air lift, fabricated non-steer axle
Watson & Chalin® Tru-Track P1, P2, T1 13,200-lb rating, air down and air lift, fabricated steerable axle
*Various T2 options are available for Bridge-model configurations. Watson & Chalin Tru-Track HL T2 is standard. Watson & Chalin Hydraulic T2 tag, optional.
- Tandem: Hendrickson HN-462, 46,000-lb rating
- Optional: Hendrickson PRIMAAAX® air ride
Hendrickson HaulMaax®
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

CAB

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

TRANSMISSIONS

	Model	HP Rating	Torque Rating	Wt. Diff.
Allison®:	RDS4560 GEN 4	500	1,550 lb-ft	Standard

ENGINES

	Model	Advertised HP	RPM	Peak HP	RPM	Torque (lb-ft)	RPM
Caterpillar®:	C13-350 ACERT	350	2100	420	1600	1550	1200
	C13-410 ACERT	410	2100	425	1500-1900	1550	1200
Cummins®:	ISM-350V	350	1400-1900	350	1400-1900	1450	1200
	ISM-385V	385	1600-1800	385	1600-1800	1450	1200
	ISM-425V	425	1900-2000	425	1900-2000	1550	1200
Detroit Diesel®:	Series 60-490	490	1800	490	1800	1550	1100

HOOD

- One-piece fiberglass, EZ-Lift

MIXER DRUM — TMMB Certified

- Size: 11 yd³ with 46-in opening; splitter fins standard
- Material: Steel, AR 212/255 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) – 3/16 in
Steel, AR 450 Brinell hardness number (Bhn) – 1/8 in (lightweight)
- Hydrostatics: Eaton 5.4-in³ displacement pump with 4.6- or 5.4-in³ displacement motor
- Drum Drive: ZF 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, 125-200 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
Fully proportional Demand Flow electronic/hydraulic joystick
Radio remote control

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

DETAILS. DETAILS.



Interior of Terex® Standard Cab



Interior of new Terex® Workspace Cab



Terex® Total Control Joystick



Flip-down Trainer Seat



TEREX® TOTAL CONTROL SYSTEM

Fully Integrated, Single Joystick Control

- Chute Control: Up/down, left/right, hydraulic fold chute control
- Transmission: Forward/reverse control
- Drum: Charge/discharge, start/stop

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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