



TEREX® | ADVANCE

FD5000

FRONT DISCHARGE MIXER TRUCKS



SPECIFICATION:

Axles: 4
Wheel Base: 197 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 |
| 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 |
|--|

CAB

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

DRIVELINES

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

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 |
|-------------------------------|

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 | | |
| 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" |
| Bucket Holder | | |
| Lube System | | |

www.terex.com/concrete

Effective September 2017. Product specifications and prices are subject to change without notice or obligation. The photographs and/or drawings in this document are for illustrative purposes only. Refer to the appropriate Operator's Manual for instructions on the proper use of this equipment. Failure to follow the appropriate Operator's Manual when using our equipment or to otherwise act irresponsibly may result in serious injury or death. The only warranty applicable to our equipment is the standard written warranty applicable to the particular product and sale and Terex USA LTD. makes no other warranty, express or implied. Products and services listed may be trademarks, service marks or trade-names of Terex Corporation and/or its subsidiaries in the USA and other countries. All rights are reserved. Terex® is a registered trademark of Terex Corporation in the USA and many other countries. Copyright 2010 Terex USA Ltd.



TEREX® | ADVANCE

