



# COMPACT PROFILE REMIX TRUCK

MODEL  
DT-17N REMIX

4.5 / 5.5 m<sup>3</sup> remix drum capacity



The DUX MODEL DT-17N high speed articulated remix truck is only 2.03 meters wide and is well suited to operate in confined workings and small drifts. The ruggedly built DT-17N Remix Truck is used for transportation of concrete or shotcrete.

Available with easy interchangeable Dump Box Kit Module

## FEATURES

- Remix drum 4.5 / 5.5 m<sup>3</sup> capacity
- Electronically controlled engine reduces fuel consumption and ventilation requirement
- For maximum safety, reliability and low maintenance cost the DUX DT-17N Remix Truck is equipped with heavy-duty Dana SOH 16D2149 axles with POSI-STOP brakes
- Centralized service points and modular design allow for easy service access and fast component exchange
- Excellent service and parts back-up worldwide

## TURNING RADIUS @ 45° TURNING ANGLE

Inside .....	12'-3" .....	3 735 mm
Outside .....	20'-7" .....	6 275 mm

## WEIGHTS

Payload .....	34,000 lbs.....	15 422 kg
Empty machine weight remix drum installed (approx. operating).....	32,000 lbs.....	14 515 kg
GVW .....	66,000 lbs.....	29 937 kg

## REMIX DRUM

Comes with support frame  
 4.5 m<sup>3</sup> shotcrete or concrete volume capacity  
 5.5 m<sup>3</sup> water volume capacity  
 Gear box with hydraulic piston motor  
 Hydraulic pump and valve control  
 Walk ways with safety and access ladders (2)

# DUX Model DT-17N Remix Compact Profile Remix Truck

## TECHNICAL SPECIFICATIONS\*

### Overall Dimensions with 14.00 R 25 Radial Tires

Length.....29'-6".....8 990 mm  
Width .....6'-8".....2 030 mm  
Height over remix drum .....7'-9".....2 360 mm  
Height over FOPS/ROPS canopy 7'-10".....2 390 mm  
(variable)

### Engine

Make.....Cummins  
Model.....QSB 6.7  
Power .....200 HP (149 kW) @ 2100 RPM  
Number of cylinders .....6  
Aspiration .....Turbocharged, after-cooled  
Displacement .....408 in<sup>3</sup>.....6.7 L  
Starter.....24-volt  
Air intake cleaner.....Donaldson 2-stage dry type with service gauge  
Exhaust system .....Catalytic purifier and silencer  
Cooling .....Liquid  
Meets EPA Tier 3, NRMM (Europe) Stage IIIA

### Powershift Transmission with Integrated Torque Converter

Make.....Dana SOH  
Model.....HR 32 000 series with 4 speeds in forward and  
.....reverse, single stage integrated torque converter  
.....with automatic lock-up and flex plate drive

### Front and Rear Axles

Make.....Dana SOH  
Model.....16D2149 with high traction differential and  
.....POSI-STOP brakes on all four wheel ends

### Tires

- Bridgestone 16.00 R 25, 2 star, VRLS, tubless radial
- Optional 14.00 R 25 radial tires for low profile version

### Brakes

Service .....4-wheel POSI-STOP totally enclosed multi-disc,  
.....liquid cooled, spring applied hydraulically released  
.....with accumulator back-up  
Emergency/parking .....Same as service (POSI-STOP)  
Automatic brake (ABA) .....Applies secondary brake in case of engine failure  
.....or pressure drop in torque converter

### Steering

- Articulated frame hydraulic power steering
- Orbitrol steering valve-type with steering wheel and load sensing
- Double acting steering cylinders (2)
- $\pm 45^\circ$  steering angle each way for a total of  $90^\circ$

### Center Oscillation

- $\pm 10^\circ$  center of oscillation for a total of  $20^\circ$
- Large sized, heavy-duty roller bearing for minimum maintenance and a smooth ride, four-wheel ground contact guaranteed on uneven terrain

### Frames and Pins

- Articulated heavy-duty frames made to withstand the high impact and torsional stress associated with mining application
- Frames come with five-year unlimited hour guarantee
- Large high tensile alloy steel pins in replaceable anchor bushings

### Operator's Compartment

- FOPS/ROPS canopy (partially enclosed operator compartment)
- Side seated for maximum visibility and bi-directional operation
- Heavy-duty adjustable suspension seat with arm rests and retractable seat belt
- Shock mounted compartment floor for maximum comfort and safety
- All controls and gauges located within easy reach and view of operator

### Hydraulic System

Cylinders:

- Heavy-duty double acting protected steering cylinders (2)

Pump:

- Heavy-duty PTO-driven gear-type pump driven from converter

Filters:

- 125 mesh suction filter
- 10 micron inline high pressure filter with service gauge

Hoses:

- $\frac{3}{4}$  in. inside diameter and over high pressure hoses that are four-spiral braid and have crimped hose end swivel fittings

### Tank Capacities

Fuel.....60 US gallons.....227 L  
Hydraulic oil.....60 US gallons.....227 L

### Electrical System

- 24-volt negative ground
- 75 amp alternator with integrated sealed voltage regulator
- Main electric cut-off switch
- Heat resistant, waterproof, sealed electric PMA wire harness
- Sealed junction box and stainless steel instrument panel box with multi-stem connectors
- Semi-automatic circuit breakers
- Front (2), rear (2) and all-directional halogen high-intensity lights
- Heavy-duty batteries (2), 1000 CCA per battery
- Signal horn
- Strobe light (amber)
- Audible, adjustable back-up alarm

### Standard Features

- FOPS/ROPS canopy (partially enclosed operator compartment)
- Cummins QSB 6.7 electronic engine, EPA Tier 3, Euro Stage IIIA
- PRAN electronic display monitor
- Heavy-duty Dana SOH 16D2149 axles with 4-wheel POSI-STOP brakes
- Neutral engine start protection
- Automatic engine shut-off at low oil pressure and high temperature
- Speedometer
- Centralized manual lubrication mid-ship
- 4.5 / 5.5 m<sup>3</sup> remix drum
- 20 lb (9 kg) hand held fire extinguisher
- Triangular rear reflectors (2)
- Wheel chocks (2) with storage brackets (2)
- Parts/Operator/Maintenance manuals in English
- Compliant with MSHA, CANMET and CE regulation

### Options

- Fully equipped FOPS/ROPS noise suppression cab
- 20 metric tonne payload capacity dump box kit module for conversion from remix truck to dump truck
- 16.00 R 25 radial tires for 20 metric tonne payload
- Telma electro magnetic retarder for hauling fully loaded down steep ramps
- Fire suppression system
- Automatic lubrication system
- Spare rim assembly
- Electronic parts manual
- OTHER OPTIONS ON REQUEST

\* Specifications subject to change without notice.



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