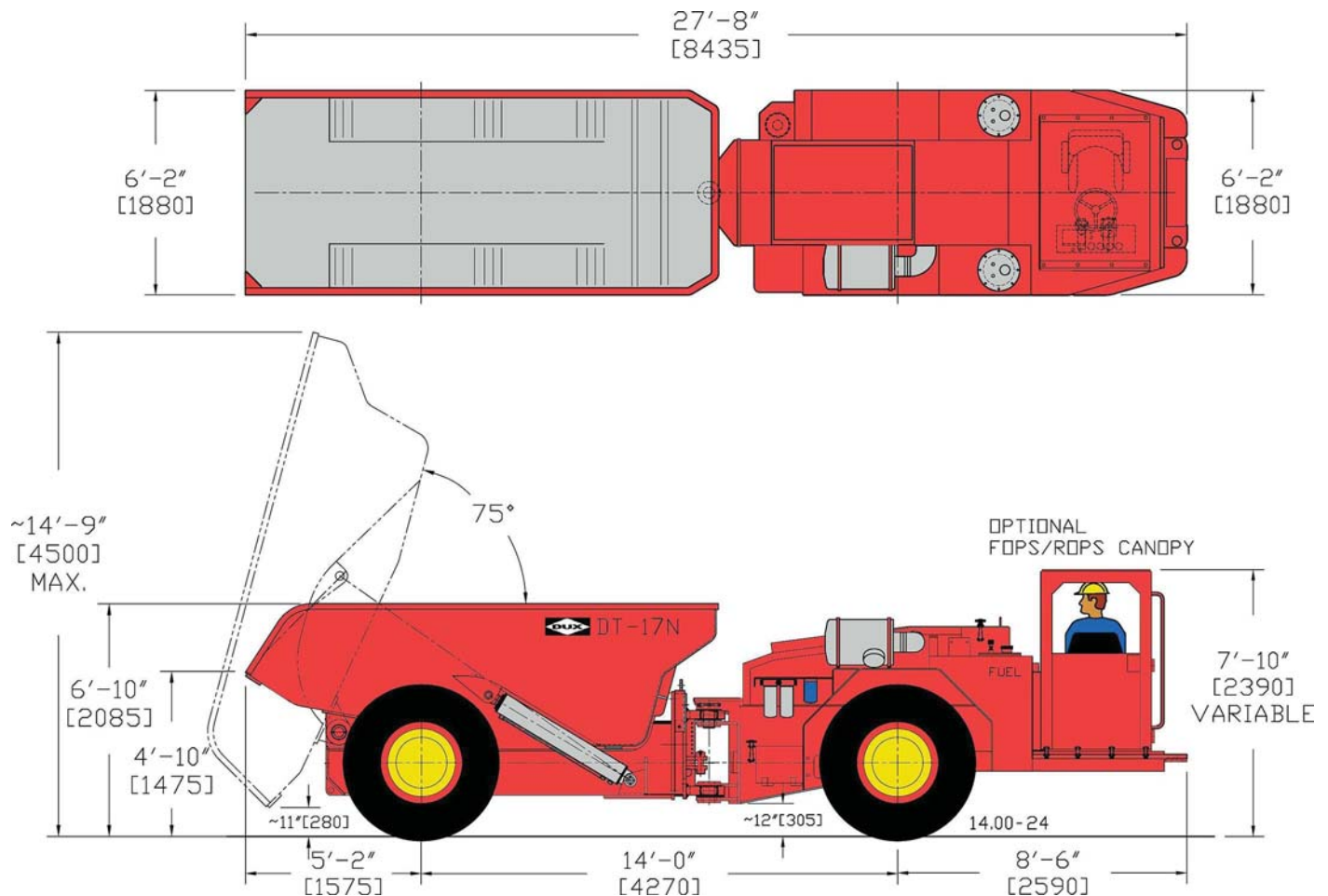




NARROW LOW PROFILE END DUMP TRUCK

MODEL DT-17N

7.7 m³ – 10.0 yd³ capacity • 17.0 metric tonne payload – 18.7 ton



The DUX MODEL DT-17N, 17 metric tonne payload capacity high-speed articulated four-wheel drive haulage truck is only 1.9 meters wide. Designed to operate in confined areas, small drifts and tunnel projects, the ruggedly built DT-17N offers high capacity production hauling of ore, waste and backfill on the level and on steep ramps. Long trouble-free service and a low operating cost-per-tonne are guaranteed on all types of development projects with the DUX DT-17N.

TURNING RADIUS @ 45° TURNING ANGLE

Inside4 040 mm 13'-3"
Outside6 555 mm21'-6"

SAE DUMP BODY VOLUME*

Heaped7.7 m³10.0 yd³
Struck6.5 m³8.5 yd³

*Other box sizes available on request.

WEIGHTS

Payload17 000 kg37,480 lbs
Machine weight, approximate.15 000 kg33,070 lbs
GVW32 000 kg70,550 lbs

FEATURES

- Excellent load retention and fast tramming up steep ramps guaranteed — highest power to weight ratio in its class
- The DUX DT-17N permits efficient chute, side and end loading in narrow drifts with low headings
- Clean and rapid discharge cycles guaranteed with 75° dumping angle and smooth flow, wear resistant alloy steel dump box
- Electronically controlled engine reduces fuel consumption and ventilation requirement
- For maximum safety, reliability and low maintenance cost the DUX DT-17N is equipped with four-wheel totally enclosed liquid force cooled multi-disc spring applied hydraulic released S.A.H.R. brakes for service and emergency parking
- Centralized service points and modular design allow for easy service access and fast component exchange
- Excellent service and parts back-up worldwide

DUX Model DT-17N Narrow Low Profile End Dump Truck

TECHNICAL SPECIFICATIONS*

Engine

Make and modelCummins QSB 6.7
Power200 HP (149 kW) @ 2300 RPM
Cylinders6
AspirationTurbocharged, after-cooled
Displacement.....408 in³ 6.7 L
Starter.....24-volt
Air intake cleanerDonaldson 2-stage dry type with service gauge
Exhaust systemCatalytic purifier with silencer
CoolingLiquid
Emission standardMeets EPA Tier 3, NRMM (Europe) Stage IIIA.

Transmission with Integrated Torque Converter

Make and modelDana SOH HR32000, single stage integrated torque
.....converter with flex plate drive
Speeds4 in forward and reverse, c/w 24-volt gear shifter

Axles

Make and modelKessler D81P planetary axles

Tires

– Bridgestone 14.00-24, 28 ply, R-LUG, E-3, TT

Brakes

Service and4-wheel S.A.H.R. totally enclosed multi-disc, liquid
emergency/parkingforce cooled, spring applied hydraulically released
Automatic brake (ABA) ..Standard ABA, applies brake in case of engine
.....failure or pressure drop in torque converter

Steering

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

Oscillation

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

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

Dump Body

– Made from reinforced impact, wear resistant alloy steel plates, prolongs
service life substantially
– 75° dumping angle for clean discharge

Operator's Compartment

– Side seated for maximum visibility and bi-directional operation
– Heavy-duty adjustable air suspension seat with 2 shock absorbers,
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

– Heavy-duty double acting protected steering cylinders (2) with hard
chrome plated stems
– Heavy-duty double acting 2-stage fully protected telescopic dump
cylinders (2) with hard chrome plated stems
– Heavy-duty PTO-driven gear-type pump driven from converter
– 125 mesh suction filter
– 10 micron inline high pressure filter with service gauge
– $\frac{3}{4}$ 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 oil56 US gallons.....212 L

Electrical System

– 24-volt negative ground
– 70 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 (1) high-intensity halogen lights
– Heavy-duty batteries (2), 1000 CCA per battery
– Signal horn
– Audible, adjustable back-up alarm

Standard Features

– Cummins QSB 6.7 electronic engine, EPA Tier 3, Euro Stage IIIA
– PRAN electronic display monitor in operator's compartment
– Proven heavy-duty Dana SOH powertrain and 4-wheel POSI-STOP brakes
– Automatic converter lock-up
– Neutral engine start protection
– Automatic engine shut-off at low oil pressure and high temperature
– Hourmeter
– All necessary gauges for engine, converter and brake pressure not covered
by PRAN electronic display monitor
– Centralized manual lubrication manifold mid-ship
– Dump box and articulation safety bars
– 20 lb (9 kg) hand held fire extinguisher
– Triangular rear reflectors (2)
– Wheel chocks (2) with storage brackets (2)
– Parts/Operator/Maintenance Manuals, incl. CD with manual in PDF format
– Compliant with MSHA, CANMET and CE regulation

Options

– Different engine
– Bigger 16.00R25 radial tires
– Certified FOPS/ROPS canopy or fully equipped FOPS/ROPS cab
– Automatic tailgate
– Ansul fire suppression system
– Lincoln automatic lubrication system
– Intec video system
– Spare rim assembly
– OTHER OPTIONS ON REQUEST

* Specifications subject to change without notice.



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