FEATURES
- Field-proven, articulated DUX ET-33 underground 4-wheel drive ejector truck is well suited for the transport of ore, waste and backfill on level and steep grades in drifts with extremely low headings
- High power to weight ratio assures fast tramming up steep ramps
- Field proven Dana SOH powertrain
- Ruggedly built DUX ejector box made from high tensile abrasion resistant alloy steel consisting of main box with solid tubular front, reinforced bottom, formed sides
- Pusher plate arrangement activated by fully protected, double acting telescopic hydraulic cylinders (2) and hydraulically operated swing down automatic tailgate
- Electronically controlled engine reduces fuel consumption and ventilation requirement
- Equipped with 4-wheel POSI-STOP brake system for maximum safety, reliability and low maintenance cost
- Centralized service points and modular design for easy service access and fast component exchange
- Excellent service and parts back-up worldwide

SAE VOLUME
Struck ................................................ 10.1 m³.............14.2 yd³
Heaped .............................................. 13.5 m³............. 17.6 yd³
Custom box size to suit different ore weight available.

OVERALL DIMENSIONS
Length...........................................10 440 mm..........34’ 3”
Width.............................................2 745 mm..........9’ 0”
Height over box sides................. 2 440 mm..........8’ 0”
Height over canopy or cab ........... 2 695 mm..........8’ 10”

TURNING RADIUS
Inside..............................................5 180 mm..........17’ 0”
Outside ..........................................8 740 mm..........28’ 8”
Angle .............................................42°

WEIGHTS
Payload...........................................30.0 tonne...........33.0 ton
Machine weight, approx..............30.0 tonne...........33.0 ton
GVW............................................ 60.0 tonne...........66.0 ton
### Technical Specifications

**Engine**
- Make and model: Cummins QSM 11 with Electronic Management System
- Derated power: 298 kW (400 HP) @ 2100 RPM
- Cylinders: 6
- Aspiration: Turbocharged, liquid and charged air cooled
- Displacement: 10.8 L, 660 in³
- Starter: 24-volt
- Air intake cleaner: Donaldson 2-stage dry type with service gauge
- Exhaust system: Catalytic purifier with integrated silencer
- Cooling: Water and air-to-air intercooling
- Emission standard: Meets EPA Tier 3, Euro Stage IIIA

**Torque Converter**
- Make and model: Dana SOH CL 8000 series, single stage with automatic lock-up and flex plate drive

**Transmission**
- Make and model: Dana SOH 6000 series, 4 speeds in forward and reverse

**Axles**
- Make and model: Dana SOH 21D with high traction differential and POSI STOP brakes on all 4 wheel ends

**Tires**
- Bridgestone 26.5R25, multi-star, L-4 tubeless, radial

**Brakes**
- Service and 4-wheel POSI-STOP totally enclosed multi-disc, emergency/parking liquid cooled, spring applied hydraulically released with its own independent circulating cooling system and accumulator back-up
- Automatic Brake: Applies brake in case of engine failure or pressure
- Applicator (ABA): Drop in torque converter

**Steering**
- Articulated frame hydraulic power steering with pilot monostick control
- Double acting steering cylinders (2)
- ±42° steering angle each way for a total of 84°

**Oscillation**
- ±10° center of oscillation for a total of 20°
- Large sized, heavy-duty roller bearing for minimum maintenance and a smooth ride, 4-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

**Ejector Body**
- Extra heavy-duty with solid tubular front, bottom and side frames, reinforces pusher plate actuated by fully protected, double acting telescopic hydraulic cylinders (2) and a bottom rear hydraulically operated automatic tailgate
- Made from impact wear-resistant alloy steel plates that are reinforced lengthening service life substantially
- Telescopic ejector hyd. cylinders (2) and tailgate hyd. cylinders (2) are corrosion resistant nitrided for long life and trouble free service

**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
- All controls and gauges located within easy reach and view of operator

**Hydraulic System**
- Heavy-duty double acting protected steering cylinders (2)
- Heavy-duty double acting protected telescopic ejector cylinders (2)
- Heavy-duty PTO-driven variable displacement piston pumps with load sensing driven from converter
- Suction filter
- Inline high pressure filter with service gauge
- ¾" inside diameter and over hoses that are four-spiral wire braid and have crimped hose end swivel fittings
- Hose bulk-head located mid-ship

**Tank Capacities**
- Fuel: 454 L, 120 US gallons
- Hydraulic oil: 454 L, 120 US gallons
- Brake cooling oil: 114 L, 30 US gallons

**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 (1) LED high-intensity lights
- Heavy-duty batteries (2)
- Signal horn and audible, adjustable back-up alarm

**Standard Features**
- Cummins QSM 11, EPA Tier 3, Euro Stage IIIA electronic engine
- PRAN display monitor includes digital fuel gauge
- Automatic engine shut-off at low oil pressure and high temperature
- Hourmeter
- All necessary gauges for engine, converter and brake pressure
- Wheel chocks (2) with storage brackets (2) & 9 kg (20 lb) hand held fire extinguisher
- Neutral engine start protection
- Centralized manual lubrication mid-ship
- Triangular rear reflectors (2)
- Parts/Operator/Maintenance manuals
- Compliant with MSHA, CANMET and CE regulation

**Options**
- Different engine
- Certified FOPS/ROPS canopy
- Fully equipped certified FOPS/ROPS noise suppression cab
- Automatic lubrication system
- Fire suppression system
- Intec video system
- Rear end dump or teledump body
- Spare rim assembly

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*Specifications subject to change without notice.*