



EJECTOR TRUCK

**MODEL
ET-33**

30 metric tonne · 33 short ton payload — 13.5 m³ · 17.6 yd³ capacity



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
- 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

WEIGHTS

Payload 30.0 tonne..... 33.0 ton
 Machine weight, approx..... 30.0 tonne..... 33.0 ton
 GVW 60.0 tonne..... 66.0 ton

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 AT 42°

Inside..... 5 180 mm..... 17' 0"
 Outside..... 8 740 mm.....28' 8"



DUX Model ET-33 Ejector Truck

TECHNICAL SPECIFICATIONS*

Engine

Make and model Cummins X12 electronic
Derated power 298 kW (400 HP) @ 2100 RPM
Cylinders 6
Aspiration Turbocharged CAC
Displacement 11.8 L 720 in³
Exhaust gas Ultra clean DPF (diesel particulate filter), DPR
after-treatment (diesel particulate recirculation), SCR (selective
catalytic reduction)
Air cleaner Direct flow air filter
Exhaust brake Part of VGT Turbo (variable geometry turbo)
Emission standard Meets EPA Tier 4 Final, Euro Stage V

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
– $\pm 42^\circ$ steering angle each way for a total of 84°

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, 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 torque converter
- Suction filter
- Inline high pressure filter with service gauge
- $\frac{3}{4}$ " 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 340 L 90 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 X12, EPA Tier 4 Final, Euro Stage V 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 • Ejector box and articulation safety bars • Parts/Operator/Maintenance manuals • Compliant with MSHA, CANMET and CE regulation

Options

Different engine • Engine brake • Certified FOPS/ROPS canopy • Fully equipped certified FOPS/ROPS noise suppression cab • Automatic lubrication system • Fire suppression system • Video system • Dump or teledump body • Spare rim assembly • Cold weather package • OTHER OPTIONS ON REQUEST



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