FEATURES

- Field-proven, articulated DUX ET-24 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 trarming 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 .................................................. 7.3 m³.............9.6 yd³
Heaped ................................................9.0 m³............. 11.8 yd³
Custom box size to suit different ore weight available.

OVERALL DIMENSIONS

Length .......................................................9 350 mm..........30’ 8”
Width .................................................. 2 210 mm.............7’ 3”
Height over box sides ................... 2 285 mm.............7’ 6”
Height over canopy or cab ............ 2 415 mm.............7’ 11”

TURNING RADIUS

Inside .................................................. 4 240 mm..........13’ 11”
Outside ........................................... 7 315 mm..........24’ 0”
Angle ................................................... 43°

WEIGHTS

Payload ........................................... 22.0 tonne...........24.2 ton
Machine weight, approx .............. 24.0 tonne...............26.2 ton
GVW .................................................. 46.0 tonne..........50.4 ton
DUX Model ET-24 Ejector Truck

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

Make and model ........... Dana SOH 19D with high traction differential and
        Transmission .............. automatic lock-up and flex plate drive
Make and model ........... Dana SOH 6000 series, 4 speeds in forward and
        Axles ............ reverse
Make and model ........... Dana SOH 19D with high traction differential and
        Tires .............. reverse
Make and model ........... POSI STOP brakes on all 4 wheel ends
– Bridgestone 18.00R25, 2* E-4 tubeless, radial

Brakes
Service and ............... 4-wheel POSI-STOP totally enclosed multi-disc,
        Brakes ................. emergency/parking ...... liquid cooled, spring applied hydraulically released
        Axles ............... with its own independent circulating cooling
                    Automatic Brake ........ Applies brake in case of engine failure or pressure
                    Applicator (ABA)....... drop in torque converter
– Articulated frame hydraulic power steering with pilot monostick control
– Double acting steering cylinders (2)
– ± 43º steering angle each way for a total of 86º

Steering
– Articulated frame hydraulic power steering with pilot monostick control
– Double acting steering cylinders (2)
– ± 43º steering angle each way for a total of 86º

Oscillation
– ±10º center of oscillation for a total of 20º
– 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
– 34” 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 ....................... 379 L .......... 100 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 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 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 • OTHER OPTIONS ON REQUEST

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* Specifications subject to change without notice.