FEATURES

- Heavy duty scissor mechanism and deck provide a stable, elevated mobile work platform.
- Compact 1830 mm (6' 0") wide articulated carrier is extremely well suited for narrow drifts and confined areas.
- Optional pipe handlers facilitate installation of pipes and ducts.
- Totally enclosed 762 mm (30") stroke stabilizers and built-in safety lock valves for greater reach and stability on rough terrain.
- Spacious operator compartment is ergonomically designed for maximum visibility and bidirectional tramming, operator can safely control and monitor machine functions at a glance.
- Centralized service points and modular design for easy service access and fast component exchange.
- Excellent service and parts back-up worldwide.

WEIGHTS

Machine weight approx................. 8.0 tonne............8.8 ton

OVERALL DIMENSIONS

Length ........................................ 7 775 mm...........25’ 6”
Width ........................................ 1 830 mm..............6’ 0”
Height over FOPS/ROPS canopy ..1 980 mm..............6’ 6”

TURNING RADIUS

Inside ........................................ 2 800 mm.............9’ 2”
Outside ..................................... 5 235 mm...........17’ 2”
Angle ...........................................45°

SCISSOR LIFT PLATFORM SPECIFICATIONS*

Deck size (w x l)* ...... 1 830 mm x 3 660 mm...6’ 0” x 12’ 0”
Loading height from the ground...1 120 mm................3’ 8”
Extended deck height .......... 2 795 mm..............9’ 2”
Height above safety hand rails ...... 1 065 mm................3’ 6”

*Other deck sizes, machine widths and lift heights available on request.

SCISSOR LIFT PLATFORM FEATURES

- Engine start/stop from platform.
- Replaceable wood plank floor with kick plates on both sides and on front of deck.
- Telescopic access ladder to platform.
- 80° pivot saddle devices (2) to handle short and long pipes.

Printed in Canada
# TECHNICAL SPECIFICATIONS

**DUX Model S1-SL5000N Scissor Lift Truck**

## Frames and Pins
- 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

## Engine
- Make and model: Cummins QSB 4.5 with Electronic Management System
- Derated power: 110 kW (148 HP) @ 2300 RPM
- Cylinders: 4
- Aspiration: Turbocharged and charge air cooled
- Displacement: 4.5 L = 275 in³
- Starter: 24-volt
- Air intake cleaner: Donaldson 2-stage dry type with service gauge
- Exhaust system: Catalytic purifier with integrated silencer
- Cooling: Liquid
- Emission standard: Meets EPA Tier 3, Euro Stage IIIA

## Transmission with Integrated Torque Converter
- Make and model: Dana SOH HR24000 series with integrated torque converter and flex plate drive
- Speeds: 3 in forward and in reverse

## Brakes
- Service: 4-wheel power multi-internal wet disc, dual hydraulic power control with accumulator back-up
- Emergency/parking: Fail-safe back-up Spring Applied Hydraulic Released (SAHR) multi-internal wet 4 wheel brakes
- Automatic Brake: Applies brake in case of engine failure or Applicator (ABA), pressure drop in torque converter

## Tires
- Michelin 12.00-20, 18 ply mining tires

## Electrical System
- 24-volt negative ground
- 70 amp alternator with integrated sealed voltage regulator
- Main engine start protection
- Centralized manual lubrication manifold mid-ship
- Triangular rear reflectors (2)
- 9 kg (20 lb) hand-held fire extinguisher
- Parts/Operator/Maintenance Manuals
- Compliant with MSHA, CANMET and CE regulation

## Hydraulic System
- Heavy-duty double acting protected steering cylinders (2) with hard chrome plated stems
- Heavy-duty PTO driven gear-type pumps driven from torque 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

## Stabilizers
- Totally enclosed 762 mm (30") stroke stabilizers (4) with built-in safety lock valves (4) and hydraulic valve controls (4)

## Standard Features
- Cummins QSB 4.5, 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 not covered by PRAN electronic display module
- Wheel chocks (2) with storage brackets (2)
- Neutral engine start protection
- Centralized manual lubrication manifold mid-ship
- Triangular rear reflectors (2) • 9 kg (20 lb) hand-held fire extinguisher • Parts/Operator/Maintenance Manuals • Compliant with MSHA, CANMET and CE regulation

## Tank Capacities
- Fuel: 170 L = 45 US gallons
- Hydraulic oil: 170 L = 45 US gallons

## Options
- Different engine • Diesel particulate filter • Certified FOPS/ROPS canopy
- Fully equipped certified FOPS/ROPS noise suppression cab • Custom deck sizes and extended lift heights • Scissor lift platform with dual side shift for maximum width coverage and less set-up time • Storage boxes (2) • Generator for supplying electric power to hand tools and lights • Auxiliary hydraulic power pack with air or electric motor for operation of scissor lift and accessories with diesel engine shut off • Accessories (Hiab crane, drill boom, fork-lift mast and cable winder, AN/FO pressure vessel module etc.) • Automatic lubrication system • Fire suppression system • Spare rim assembly • OTHER OPTIONS ON REQUEST

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* Manufactured by:

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* Specifications subject to change without notice.