FEATURES

- Heavy duty scissor mechanism and deck provide a stable, elevated mobile work platform
- Compact 1 830 mm (6' 0") wide articulated carrier is extremely well suited for narrow drifts and confined areas
- Dual side shift for reduced set-up time
- Totally enclosed 762 mm (30") stroke stabilizers and built-in safety lock valves for greater reach and stability on rough terrain, also available with optional 1 220 mm (48") stabilizers
- Spacious operator compartment is ergonomically designed for maximum visibility and bidirectional tramping, 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..................11.8 tonne.............12.9 ton

OVERALL DIMENSIONS

Length........................................8 025 mm...........26' 9"
Width........................................ 1 830 mm...........6' 0"
Height over FOPS/ROPS cab........2 185 mm.............7' 2"

TURNING RADIUS

Inside.......................................3 350 mm...........11' 0"
Outside..................................... 5 950 mm...........19' 6"
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....1 425 mm..................4' 8"
Extended deck height .................3 200 mm................10' 6"
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

- Dual side shift with double acting hydraulic cylinder, platform deck shift 560 mm (22") to either side for 2 945 mm (9' 8") total width coverage reducing set-up time
- 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

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### TECHNICAL SPECIFICATIONS

#### Engine
- Make and model: Cummins QSB 4.5 with Electronic Management System
- Rated power: 110 kW (148 HP) @ 2300 RPM
- Cylinders: 4
- 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

#### 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
- Oil and filter: 170 L (45 US gallons)

#### Axles
- Make and model: Dana SOH 176 planetary with internal multiple wet-type 4-wheel disc brakes

#### Tires
- Make and model: Bridgestone 12.00-20, 18 Ply Tube-Type E-3 mining tires

#### 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

#### Steering
- Articulated frame hydraulic power steering
- Orbitrol valve-type with steering wheel and cushion valve
- Double acting steering cylinders (2)
- ± 45° steering angle each way for a total of 90°

#### 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 5 year unlimited hour guarantee
- Large high tensile alloy steel pins in replaceable anchor bushings

#### Operator Compartment
- Side seated for maximum visibility and bidirectional operation
- Heavy-duty adjustable suspension seat with arm rests and seat belt
- Shock mounted compartment floor for maximum comfort
- All controls and gauges are within easy reach and view of operator

### 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)

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

### 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) LED high-intensity lights
- Heavy-duty batteries (2)
- Signal horn
- Audible, adjustable back-up alarm

### 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

### 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 • 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 • Automatic lubrication system • Fire suppression system • Spare rim assembly • OTHER OPTIONS ON REQUEST

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*Specifications subject to change without notice.*