



UV100 CASSETTE CARRIER



FEATURES

SAFE WORKING ENVIRONMENT

- ISO ROPS/FOPS certified
- Spring applied, hydraulic release (SAHR) brakes
- Optional monitor (cameras) to increase operator's visibility during operation
- Door interlock

ENVIRONMENTAL

- Fuel efficient, clean burning Tier 2/Stage II engine
- Purifier with catalytic converter

SERVICEABILITY

- All daily check points easily reachable
- Quick and easy service to increase productivity

- Air, hydraulic and transmission filter change indicators
- Easy access to service points, filters and valve blocks

OPERATOR'S COMFORT

- Comfortable T-back seat with suspension
- Steering wheel and ergonomically placed
- Single seat or dual seat compartment optional

RELIABILITY

- Proven powertrain Clark powershift transmission
- Electrical gear control in cab
- Machine status indication lights

SPECIFICATIONS

■ Vehicle height	2 200mm
■ Vehicle length (no cassette)	4 965mm
■ Vehicle width	2 080mm
■ Ground clearance	410mm
■ Inner turning radius	4 275mm
■ Outer turning radius	6 804mm
■ Vehicle weight empty	9 800kg
■ Max. carrying capacity	10 000kg

ENGINE

■ Type	BF6L914
■ Power rating	92kW at 2 300rpm
■ Torque	460Nm at 1 550rpm
■ Fuel consumption	220g/kWh
■ Engine protection	As per customer requirements
■ Air cleaner	Two stage
■ Catalytic converter	
■ Diluter	

TRANSMISSION/TORQUE CONVERTER

- Three speed forward and reverse
- Dana T20 000 series

AXLES

- Dana 113
- Rigid planetary axles

BRAKES

- Failsafe brake on all four wheels
- Service/parking/emergency type – SAHR

TYRES

- Tyre size 1200 x 20

- Designed for underground mine services
- Pneumatic or foam-filled

ELECTRICAL SYSTEM

- 24V system
- Alternator 28V/55A
- Isolation switch lockout

HYDRAULIC SYSTEM

- | | |
|------------------------------------|-------------------------------|
| ■ System pressure | 17.5MPa |
| ■ Pump type | Gear pump |
| ■ Flow rate | 2 x 36 litres/min at 2 300rpm |
| ■ Hydraulic tank capacity | 300 litres |
| ■ Hydraulic level switch detection | |

FUEL SYSTEM

- Fuel tank capacity 85 litres

SAFETY

- Fire extinguisher
- Reverse hooter
- Door interlock
- Marker lamps red/green
- Wheel stop blocks

OPTIONAL EQUIPMENT

- Manually/automatically actuated fire suppression engine shut down
- Central lubrication management system
- Automatic lubrication system
- Halogen, LED or sealed beam lights

DOCUMENTS

- Parts manual
- Technical manual
- Risk assessment

CASSETTES FOR USE WITH THE UV100 CASSETTE CARRIER

ENCLOSED CABIN OR TROPICAL

All cassettes are especially designed for use with the UV100 cassette carrier, UV100 enclosed cabin (with aircon) and UV100 tropical cab; and are fitted with separate controls with safety locks.



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1. SCISSOR LIFT CASSETTE

■ Length	3 450mm
■ Width	1 900mm
■ Height	2 319mm
■ Lifting height	3.5m

2. MAINTENANCE CASSETTE

■ Length	3 770mm
■ Width	2 074mm
■ Height	1 908mm
■ Tanks as per customer specifications	

3. WATER CARRIER CASSETTE

■ Length	4 120mm
■ Width	1 860mm
■ Capacity	up to 5 000 litres

4. DIESEL AND OIL CASSETTE

■ Length	3 550mm
■ Width	2 172mm
■ Height	2 252mm
■ Capacity – Diesel	2 000 litres
– Oil	500 litres
– Hydraulic oil	500 litres

CASSETTES FOR USE WITH THE UV100 CASSETTE CARRIER (continued)



5. AGICAR CASSETTE

- Length 3 300mm
- Width 2 000mm
- Height 2 342mm
- Capacity – Diesel 3 – 4m³

6. CHARGING CASSETTE

- Length 3 903mm
- Width 1 720mm
- Height 2 231mm
- Options Emulsion or ANFO

7. DUST SUPPRESSION CASSETTE

- Length 3 067mm
- Width 1 970mm
- Height 2 252mm
- Capacity Up to 5 000 litres

8. SEWERAGE CASSETTE

- Length 3 300mm
- Width 2 178mm
- Height 2 200mm
- Capacity Up to 5 000 litres

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