

# 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 410mm Ground clearance Inner turning radius 4 275mm Outer turning radius 6 804mm Vehicle weight empty 9 800kg Max. carrying capacity 10 000kg

#### **ENGINE**

Type BF6L914Power rating 92kW at 2

Power rating92kW at 2 300rpmTorque460Nm at 1 550rpm

■ Fuel consumption 220a/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

#### **AXI FS**

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
- Pnuematic or foam-filled

#### **ELECTRICAL SYSTEM**

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

#### HYDRAULIC SYSTEM

System pressure 17.5MPaPump 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 supression 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.









#### 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	5 300mm	
■ Width	2 000mm	
■ Height	2 342mm	
■ Capacity – Diesel	$3 - 4m^3$	

#### 6. CHARGING CASSETTE

Length	3 903mm
Width	1 720mm
■ Height	2 231mm

■ Options Emulsion or ANFO ■ Capacity

#### 7. DUST SUPPRESSION CASSETTE

Length	3 067mm
■ Width	1 970mm
■ Height	2 252mm

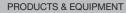
■ Capacity Up to 5 000 litres

#### 8. SEWERAGE CASSETTE

■ Length	3 300mm
■ Width	2 178mm
■ Height	2 200mm

Capacity Up to 5 000 litres

AARD Mining Equipment is constantly striving to improve its products and therefore reserves the right to change the designs, materials, specifications and price without prior notice.



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