

MINEMASTER®

R20S

Shotcreter



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The MINEMASTER® R20S Shotcreter is ideal for mining, tunneling and other shotcrete applications. This unit combines full-scale shotcreting performance with an extensive range of practical features in a compact design. The heavy duty, articulating frame allows for exceptional maneuverability in the tight underground environment. The tethered or wireless remote control allows the operator to control the shotcreter from up to 25 ft. away, providing greater visibility when needed. The R20S Shotcreter can be equipped with a wide variety of attachments, allowing one unit to handle multiple tasks with ease while reducing overall equipment cost.

STRONG POINTS

- + CANMET certified diesel engines
- + Fully upgraded electrical system
- + Heavy-duty frame
- + Stainless steel dash and heavy-duty switches
- + Walk-through operator compartment
- + Inching pedal
- + High ground clearance
- + Protective operator guards
- + Non slip 3-point access on all entry points
- + Safety starting system
- + Rear stabilizers

ARTICULATING FRAME

- 40° of Articulation
- 8° of Oscillation
- Oscillation stops for enhanced stability

Front Options

LOADER ASSEMBLY

- Bucket or pallet forks

FORKLIFT MAST (AS SHOWN)

- Standard or flip-up forks
- 6,000 lb. capacity

MAN BASKET

Operator Compartment

- OSHA compliant

ROLL-OVER PROTECTION STRUCTURE (ROPS/FOPS)

(AS SHOWN)

CAB

CANOPY

Rear Feature

SHOTCRETER

- 25 ft. boom with 360° rotation
- 240° of swing
- 36.5 ft. spray height

SHOTCRETER CONTROLS

- Electronic operator station
- Manual hydraulic override
- 25 ft. remote joystick controls



Specifications

ENGINE	- Liquid cooled, diesel powered
MAKE /MODEL	- Kubota E-TVCS / V2203-RP
KW(HP SAE GROSS) @ RPM	- 34 (46) @ 2600 rpm
CYLINDERS	- 4
ALTERNATOR	- 105 amp
RATING	- 46 hp @ 2600 rpm
CERTIFIED	- CANMET #1045
AXLES	- Limited slip, differential front axle - Inboard planetary drives
TRANSMISSION	- Automatic, hydrostatic, load sensing - High/low, forward/reverse - Electro-hydraulic forward & reverse, shuttle shift
STEERING	- Articulated center pivot - Angle of articulation, each way 40° - Frame oscillation, each way 8°
DRIVE SYSTEM	- 4 wheel drive
BRAKES (PARK/EMERGENCY)	- Wet driveline disc on front & rear differential input, - S.A.H.R. dash activated or automatic with loss of hydraulic or engine stall
BRAKES (SERVICE)	- Wet type friction plate, outboard of differential case, in rear axle
TIRES	- 14/60-16 / 24 Ply aircraft (front foam filled)
LUBRICATION	- 10, 17 or 19-point inline auto lubrication system

GROUND CLEARANCE	- Loader unit: 12.5 in. - Forklift mast unit: 9.25 in.
SHOTCRETER	- Maximum hydraulic outreach: 25 ft. - Maximum spray height: 36.5 ft.
SPRAY ARM	- MINEMASTER shotcrete sprayhead - 3M shotcrete anti-kink hose - Semi-wet water injection system
SPRAY HEAD	- Vertical rotation: 360° - Swing: 240° - Spray nozzle: full oscillation clockwise & counter-clockwise
REMOTE CONTROL	- Tethered Remote with 25 ft. cable
LOADER	- Operating load: 2,420 lb. - Tipping load (SAE): 4,840 lb. - Breakout force: 7,440 lb. - Max hinge pin height: 130.3 in. - Max dump height: 105.7 in. - Counterweight: R520CW
FORKLIFT MAST	- Full free lift - Lift height: 107.5 in. - Retracted height: 79 in. - Forks-folding 2 1/2 x 5 x 40 in. - Forward tilt: 34° - Backward tilt: 22° - Capacity: 6,000 lb. @ 24 in. LC - Counterweight: R520CW
ELECTRICAL	- Fully upgraded wiring package - Heavy-duty stainless steel dash - LED work lights front & rear, 2 Backup lights - Heavy-duty switches - 12 V battery

Specifications subject to change without prior notice

TRACKS + WHEELS

tracksandwheels.com

We have built the MINEMASTER® product in several standard configurations to suit a variety of applications. We also design and build custom units based on our customers' unique needs and requirements.

Contact us at sales@tracksandwheels.com for complete specifications and general arrangement of drawings of the MINEMASTER® you require.



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