

**MINEMASTER®**

**R20S**

**Utility Vehicle**



# R20S Utility Vehicle

The MINEMASTER® R20S is a state-of-the-art, multi-purpose vehicle designed for the rigors of the underground environment. The heavy-duty articulating frame allows for exceptional maneuverability in tight spaces and supports up to 6,000 lbs. with the front forklift attachment. The R20S 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

## Front Options

### LOADER ASSEMBLY (AS SHOWN)

- Bucket or pallet forks

### FORKLIFT MAST

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

### MAN BASKET

## ARTICULATING FRAME

- 40° of articulation
- 8° of oscillation

## Operator Compartment

- OSHA compliant

## ROLL-OVER PROTECTION STRUCTURE (ROPS/FOPS)

(AS SHOWN)

## CAB

## CANOPY

## Rear Options

### BACKHOE (AS SHOWN)

- Standard, rotating or side shifting,
- Bucket, scraper blade or hydraulic breaker

### MAN BASKET



# Specifications

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

<b>GROUND CLEARANCE</b>	- Loader unit: 12.5 in. - Loader/Backhoe unit: 10.5 in. - Forklift Mast unit: 9.25 in.
<b>LOADER</b>	- 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
<b>PALLET FORKS</b>	- Lift height: 130 in. - Capacity: 1,800 lb. - Counterweight with load backrest: R520CW
<b>FORKLIFT MAST</b>	- 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
<b>BACKHOE</b>	- Side shift type with vertical stabilizers - Max digging depth: 108 in. - Bucket capacity: 2.08 cu.ft. - Bucket digging force: 4,100 lb. - Side shift: 19.5 in. (each way)
<b>ELECTRICAL</b>	- 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](mailto:sales@tracksandwheels.com) for complete specifications and general arrangement of drawings of the MINEMASTER® you require.



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