

MineMaster PERSONNEL & UTILITY VEHICLES



The MineMaster R20S series features a heavy duty, articulated frame, and can be equipped with a forklift mast, loader c/w bucket or pallet forks, a backhoe, manbasket, or Shotcreter. The R20S series has proven itself to be a tough competitor and has become an industry favorite.



**Sellick Rough Terrain
& Variable Reach Forklift Trucks**
Up to 12,000 lbs

Our MineMaster RTV900 units are extensively modified to perform in the demanding underground environment. The RTV900 personnel carrier can be configured to 2, 4, or 6 man units. As a utility vehicle the RTV900 can be equipped with a rear carrier, built-in tool boxes, rear work platform, or a rear bed tilt.



SPECIFICATIONS

	R520S	R420S	R320S	RTV900
ENGINE	Liquid cooled, diesel powered			Indirect injected, liquid cooled, 4 cycle diesel
Make	Kubota	Kubota E-TVES	Kubota E-TVCS	Kubota
Model	V2203-RP-ETVCS	D1503-T-RP-1	V1305-E2-RP	D902-E-UV
Cylinders	4			3
Alternator	105 amp	60 amp		60 amp
Rating	49 hp @2600 RPM	43 hp @ 2600 RPM	26.6 hp @2600 RPM	21.6 hp @ 3200 RPM
Certified	Canmet #1045	Canmet #1043		
AXLES	Limited slip front differential on front axle			Front - independent MacPherson strut-type Rear - Semi-independent DeDion w/leaf spring and hydraulic shocks suspension
TRANSMISSION	Automatic load sensing High/Low, forward/reverse		Electric shuttle shift	Variable hydrostatic (VHT) Range-low/med/high
STEERING	Articulated center pivot			Hydrostatic power
DRIVE SYSTEM	4 wheel drive			
BRAKES	Wet type friction plate, outboard of differential case in rear axle		Enclosed wet disc in transfer case spring/hydraulic application	Wet disc
Service				
Park/Emergency	Wet driveline disc on front & rear differential input, S.A.H.R. dash activated or with loss of hydraulic or engine stall		Optional SAHR dry discs on front wheel ends	Rear wheel, hand lever
TIRES	14/60-16 24 Ply aircraft	Heavy duty 13/70 - 18 24 ply	Low profile mining tires	27X8.5-14 LRC, 6 ply
AVAILABLE CONFIGURATIONS	Forklift - forks or flip-up forks - 6,000 lbs capacity Loader assembly - bucket, pallet forks, or rake Man Basket - front or rear Backhoe - standard, rotating or sideshifting, bucket or scraper blade Shotcreter assembly - extendable boom, 360° rotating spray head, optional remote control Cab, canopy, ROPS, folding ROPS		Forklift - forks or flip-up forks Loader assembly - bucket, pallet forks, or rake Man Basket - front or rear Backhoe - standard, rotating or sideshifting, bucket or scraper blade Cab, canopy, ROPS, folding ROPS	2, 4, or 6 man personnel carriers 2 man utility vehicles Rear carrier Built in tool boxes Rear work platform Optional rear bed tilt ROPS, canopy, full cab, cage enclosure

Tracks & Wheels builds the MineMaster product in several standard configurations to suit a variety of applications, we also design and build custom units to our customers unique needs for specialized applications. Contact us for complete specifications and general arrangement drawings of the Mine Master you require.



The MineMaster T-100 Torquemast is the newest addition to our Mine Master line of utility vehicles. The T-100 Torquemast features a heavy duty

frame, load sensing power steering, four wheel drive, powershift transmission, and is available as a 2-9 man personnel carrier, utility vehicle or service vehicle. Attachments include a backhoe, loader assembly, rear forklift, scissor lift, hydraulic cable reel, jib boom, welder, generator, man basket, or front/rear work platforms. The Torquemast is a "purpose built" underground utility vehicle. Designed for strength & durability, the Torquemast boast the lowest operating costs in the industry.

New or Rebuilt - Tracks & Wheels can provide the right equipment for your budget. Dependable reconditioned units are available as a cost effective alternative to new units.

The MineMaster Pitbull Personnel carrier can carry up to 12 people. The rear suspension system makes the Pitbull a favorite personnel transport.



KX41-3 Excavators attachments include a shotcreter, breaker, bucket, scraper blade, or front blade.

SPECIFICATIONS

	TORQUEMATIC	SELICK S80 FORKLIFT	PITBULL	KX41-3
ENGINE	Diesel	Diesel	Diesel	Liquid cooled, diesel
Make	Perkins	Perkins	Perkins	Kubota E-TVCS
Model	1104C-44T	1100 Series	1104C-44T	D902-EKBH
Cylinders	4 cylinder		4 cylinder	3 cylinder, liquid cooled
Alternator	Nippon Denso 75 amps		Nippon Denso 75 amps	40 amp
Rating	99 hp @ 2400 RPM		83 hp @2200 rpm	99 hp @ 2400 RPM
AXLES	Front	Rear		
Make	ITL		ITL	ITL
Model	SD 55/ST	PD 75		Frnt. -SD 55/ST Rear -PD 75
Type	Center oscillation mounted drive/steer	Pad mounted drive	Frnt: Pin-mounted oscillating axle Rear: Pad-mounted rigid	Frnt:Center oscillation mounted drive/steer Rear -Pad mounted drive
TRANSMISSION	International		International	International
	PS760 powershift, Automatic		Power reversing synchromesh	PS760 powershift, Automatic
	3 speed		4 speed	3 speed
STEERING	Load sensing power steering with hydraulic pump assist		Load sensing power steering with hydraulic pump assist	Load sensing power steering with hydraulic pump assist
ELECTRICAL	Wire System: Individual self-extinguishing harnesses, sealed from enclosure to component connection		12 v; Battery 750 CCA	System type: 12VDC negative ground. Starter type: Magneti Marelli
DRIVE SYSTEM	Full time 4 wheel drive		4 wheel drive	4 wheel drive
BRAKES	Spring applied hydraulically released emergency/park brake. Two independent wet disc service brakes in drive axle. Dual accumulator/dual service pedal provides redundancy. Automatic emergency brake application in even of low pressures in accumulators, transmission or engine.		Service brake: Power-assisted braking system with enclosed oil-immersed multi-disc service brakes Parking brake: Spring applied, hydraulically released	Spring applied hydraulically released emergency/park brake. Two independent wet disc service brakes in drive axle. Dual accumulator/dual service pedal provides redundancy. Automatic emergency brake application in even of low pressures in accumulators, transmission or engine.
Service				
Park/Emergency				
TIRES	Front: 26.5/70R 19.5 Goodyear	Rear: 17.5 x 25 Radial	Drive: 15.5x25 12 ply Pneumatic Steer: 14x17.5 10 ply Pneumatic	Frnt: Bridgestone 285/70 R 19.5 Rear: 285/70R 19.5
AVAILABLE CONFIGURATIONS	Personnel carriers, 2-9 man		Personnel carriers, 10 or 12 man	
	Utility & Service vehicles Backhoe - standard, side shift, or rotating, bucket or scraper blade Loader assembly - bucket, or pallet forks Rear Forklift - standard, adjustable or flip-up Scissor lift Hydraulic cable reel - Jib crane Generator - Welder Tool compartments - built in front or rear Man Basket - front or rear Work platforms - front or rear Cab, canopy, ROPS		Mast assemblies - Sellick SEE-THRU - all-roller design. - 2 & 3 stage mast - side shift 6" total	Utility vehicles Basket - rear Tool compartments-built in rear Cab, canopy, ROPS
				Shotcreter Breaker Bucket Scraper blade Front blade Cab, canopy, ROPS/ FOPS



Service:

- Complete repair and maintenance packages
- Planned maintenance programs
- Preventative maintenance contracts
- Equipment inspections
- Equipment training service
- Equipment operator training
- Emergency on site repairs 24 Hours/7 Days a week
- In shop ISO 9001:2000 repair facility

Your 24/7 CUSTOMER SUPPORT CENTER

We are an ISO 9001:2000 certified repair facility and our technicians are qualified to service all makes and models of equipment. At Tracks & Wheels our service department has a reputation for doing the job right the first time, on schedule, and within our estimate.

Tracks & Wheels service centers carry all the latest tools and equipment to keep up with cutting-edge technology. All our technicians are highly skilled and are provided with the most up to date training to work on a wide variety of equipment.

Parts:

- Over 1 million dollars in parts inventory
- Most non-stocked parts within 24 hours
- Exchange components for quick turn around
- On call 24 Hours/7 Days a week

At Tracks & Wheels, we have the staff required to provide our customers with fast and efficient customer support for all of their parts needs. We stock OEM and aftermarket parts to support not only all of Tracks & Wheels equipment but to support other brands as well.



Rentals:

- Daily, Weekly, and 4 week rates
- Custom tailored rates for long term rental needs

We offer a wide selection of rental equipment at competitive rates. We now have over 500 pieces of equipment and attachments currently in our rental fleet and we are growing daily! With 5 locations to serve you we can offer the right equipment for the right price, when and where you need it.

After Hours Service

Tracks and Wheels' Parts Department is available to service their customers parts needs 24 hours per day, 7 days per week and 365 days per year. Our dedication and commitment is based on keeping our customer's down time to a minimum.

Sudbury Head Office



ABOUT TRACKS & WHEELS

Our greatest assets have always been and still are, the people that work at Tracks & Wheels. And we are proud to have over 80 staff members company wide. With branch offices in Timmins, Sault Ste Marie, North Bay, and Thompson, MB.

Our Manufacturing Plant - Located in Sudbury



We invite you to learn more about our company, products and services by contacting one of our offices nearest you or by visiting us on the web at www.tracksandwheels.com.

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"Our Service Makes the Difference"

MineMaster

Mine Utility & Personnel Vehicles



TRACKS & WHEELS
Equipment Brokers Inc.

Registered ISO 9001:2000

Sudbury - Timmins - Sault Ste Marie - North Bay - Thompson, MB

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