

SCOT-TRAC™ 2000R

'GO FURTHER WITH THE ULTIMATE 8X8 ROUGH TERRAIN TRACTOR'

www.scot-track.com

SCOT-TRAC™ 2000R is the ultimate multi-purpose, heavy duty, rough terrain haulage tractor and implement carrier. The 2000R is a serious player, working hard around the world, from the swamps of West Africa to the mountains of Afghanistan, from the intense heat of the Arabian Gulf to the bitter cold of Alaska. Delivering multi-purpose tractor access solutions for heavy-duty users in Government and Military organizations, leading Utility and Energy companies, Aid agencies and a wide variety of Industrial, Agricultural and Private users.

Robust, Powerful, World Class. Robust and hardwearing all steel construction, with a punchy 56 HP industrial turbo diesel engine matched to a fully hydrostatic high torque transmission, delivers class leading off road performance and a top speed of 26 kmph. The excellent vehicle balance, fixed axles and rigid hull ensure that the eight driven high flotation tires or 'over-tire' track systems are kept in contact with the maximum ground surface. The 2000R's very low ground pressure and relentless torque allows the 2000R to cross the most difficult terrain with the lightest of footprints whatever the conditions, desert quicksand to deep alpine snow, floating swamp to rocky river bed.

Safe, Reliable, Durable. Certified Roll Over Protective Structure, 3-point safety harness and fail-safe hydraulically released multi-disc braking, offers a very high level of operator and crew safety as standard. The forward driving position, large windshield area, and powerful exterior lighting allow excellent operator vision in all directions, whilst the spacious and ergonomically designed cab, with warm or cool air ventilation and ample storage space, provides a safe and comfortable operator environment.

Hydrostatic Drive, Joystick Steering, Precise Control. Ample engine power coupled to the simple and robust fully hydrostatic drive, allow access to maximum torque and engine power at any ground speed and in any direction. This combined with a 'no-engine-stall' characteristic and the single servo-assisted hydraulic joystick steering system, provides easy 'fingertip' control and excellent maneuverability at any speed over the toughest terrain.

Multi-Purpose Versatility. The 2000R is the hardest working 8X8, capable of supporting front and rear 3-point linkages with up to 22 HP hydraulic PTO. The high traction and torque produce plenty of pull and push, with a maximum of 2500 kg towed load or an 500 kg supported tool or implement weight. The 2000R is classed as a tractor, with the appropriate certification and street lighting; it may be used on public roads and highways.

World Wide Quality & Support. The engine and transmission use the highest quality components with worldwide product support and warranty, this combined with a minimum number of moving parts and simple, robust components ensures easy low cost maintenance and low through-life ownership costs.

For further information on your nearest dealer please contact us at:

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2000R GENERAL TECHNICAL SPECIFICATION

Engine.....	YANMAR 4TNE 84T SA1995cc,
	4-Cylinder, Liquid Cooled, Turbo Diesel
Horsepower (@ 3000 rpm).....	42 kW / 56HP
Battery.....	12 Volt (24 Volt optional)
Charging.....	80 amp alternator
Rated Capacity Rough Terrain.....	680 kg / 1500 lbs. including 2 crew
Rated Capacity Maximum.....	1180 kg / 2600 lbs. including 2 crew
Drawbar Maximum Pull.....	3500N / 350kg / 772 lbs.
Drawbar Maximum Vertical Load.....	750N / 75kg / 165 lbs.
Attached Appliance / Tool Maximum Weight.....	500kg / 1100 lbs.
Front Three Point Linkage Maximum Lift Weight.....	300kg / 660 lbs.
Rear Three Point Linkage Maximum Lift Weight.....	500 kg / 1100 lbs.
Hydraulic Power Take Off (optional):	
Relief Valve setting:.....	180 bar / 18,000 kPa / 2611 psi
Standard Maximum Flow @ 3000rpm:.....	28 litres/min / 7.4 US Gal/min
Hi-Flow Maximum Flow @ 3000rpm:.....	56 litres/min / 14.8 US Gal/min
Towing Capacity Rough Terrain.....	500kg / 1100 lbs.
Towing Capacity Maximum.....	2500kg / 5500 lbs.
Speed Standard (@3000 rpm).....	0 – 26 kmph / 0 – 16 mph
Width, with LGP tires fitted.....	1667mm / 66"
Width, with Dual LGP tires fitted.....	2340mm / 93"
Width, 457mm / 18" Rubber / Steel Tracks.....	1887mm / 75"
Width, 457mm / 18" High Grip Steel Tracks.....	1887mm / 75"
Width, 625mm / 25" Snow Track, 6 belts.....	2223mm / 88"
Width, 805mm / 32" Super Snow Track 6 belt.....	2583mm / 102"
Basic Build Dry Weight.....	1410 kg / 3109 lbs.
Basic Build Wet Weight (Fuelled, oil & battery).....	1480 kg / 3263 lbs.
Standard Build Wet Weight (SBW)(Fuelled, oil & battery).....	1560 kg / 3440 lbs.
Ground Clearance.....	217mm / 8.5"
Zero Turning Radius, Left or Right on the Spot rotation.	
Still Water Wading Depth (Wet Hull Maximum).....	750mm / 30"
Operating Range.....	-40 °C to +45 °C / -40 °F to + 113 °F
Noise levels at 1000rpm:.....	85.8 dBA
Noise levels at normal operating activity:.....	90.8 dBA

DRIVE

Tandem Rexroth hydraulic servo assisted variable displacement axial pumps with twin, low speed, high torque radial piston motors, direct coupled to one inboard axle on either side. Hydraulic pressure release mechanical multi-disc brakes integral with motors. Drive transmission between axles, forged steel heavy duty ANSI 100HV 1 1/4" simplex roller chains with individual long life tension adjustment. Twin heavy duty sealed bearings supporting 2" (50.8mm) diameter high tensile steel axles, providing full time eight-wheel drive.

CONTROLS & INSTRUMENTATION

Foot and hand throttle control. Anti-engine stall characteristic. Single centrally mounted fully hydrostatic servo assisted joystick, providing combined direction and speed control. Hydraulic parking brake switch. Automatic brake application on stopped engine. Dash mounted key operated ignition switch. Pre heat indicator lamp. Engine oil pressure warning lamp. Alternator charge warning lamp. Water temperature gauge. Fuel level gauge. Hour meter. Warning horn switch. 12 Volt power socket / Cigar lighter. Windshield / Cab heater 2 stage switch. 2-stage Windshield wiper switch, with self park. Windshield washer switch.

LIGHTING

Twin sidelights and high beam halogen headlights. Twin rear red position indicating and stop lamps. Two wide and two close area roof mounted front floodlights and directional rear flood / work light (off road use only). Corner mounted direction indication / hazard flasher lamps.

CREW CAB

Tubular Steel certified Roll Over Protective Structure (ROPS). Insulated steel roof. Detachable lightweight insulated steel hinged doors, with integral opening windows and storage boxes. 2 crew, vinyl-covered waterproof bucket seats, with 3-point inertia shoulder belts. Operator presence switch. Front dash and side grab handles. Center lockable padded armrest and storage cubby. Dash mounted glove compartments. Under seat storage compartments. 2 speed fan assisted positive cab pressure heater, run off engine coolant system. Front and rear tempered glass windshield, with front wiper and washer. Opening rear window. Dome light. Rear view mirror.

(Optional de-mountable certified Rear ROPS, all weather soft canopy, seating and safety belts to suit four persons in the rear load area. Rear ROPS with integral certified aerial lift points.)

GROUND PRESSURE	Unloaded	Loaded (680 kg)
With LGP Tires	9.7 kPa / 1.4 psi	15 kPa / 2.2 psi
With LGP Dual Tires	4.8 kPa / 0.7 psi	7.6 kPa / 1.1 psi
With 3/4 Tracks (18")	6.9 kPa / 1.0 psi	11 kPa / 1.6 psi
With Full Tracks (18")	5.5 kPa / 0.8 psi	8.3 kPa / 1.2 psi
With Snow Tracks (25")	4.1 kPa / 0.6 psi	6.2 kPa / 0.9 psi
With Super Snow Tracks (32")	2.8 kPa / 0.4 psi	3.4 kPa / 0.5 psi

(Ground pressure calculations are subjective and can vary considerably depending on prevailing conditions such as ground, tire type and pressure).

HYDRAULIC POWER TAKE OFF

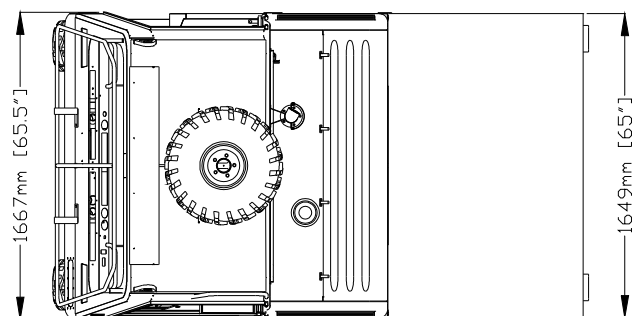
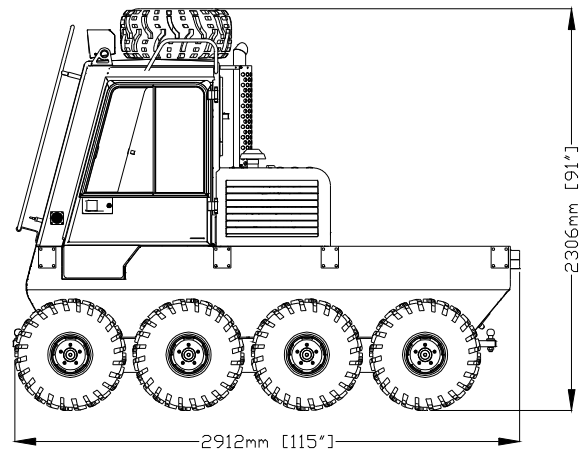
Fully hydraulic power take off, powered by the main engine. In cab solenoid operated spool valves and quick release couplings, controls and circuits to order. The PTO can support a wide range of hydraulic tools and implements: Crane, Grab, Drill, Tipping trailer, Shears, Jack, Flail, Mower, Cutter bar, Water / Fuel pump, Fire Pump, Saw, etc.

FRONT THREE POINT LINKAGE

Powered or passive Category 0 type three-point front linkage to take the standard range of compact tractor accessories, including snow blade, snow blower, bucket, fork lift, power brush, rubbish vacuum and mower.

REAR THREE POINT LINKAGE

Powered or passive ISO Category 1 type three-point front linkage to take the standard range of Category 1 rear mounted tractor accessories.



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Your Safety is Important to Us
Before operating any vehicle, consult your dealer and operator's manual for safe operating and maintenance procedure.