A MULTI-PURPOSE, ALL TERRAIN LOAD/PERSONNEL CARRIER
The Loglogic SOFTRAK was conceived as the result of numerous enquiries from the conservation and land management sectors and has been designed to meet the unique requirements encountered in this field of activity. This essentially combines a low weight with rugged strength and reliability derived from Loglogic’s manufacturing experience in their forestry harvesters and heavy duty all-terrain carriers. The conservationist, land manager and agent will recognise the virtues of this multi purpose machine and soon find its abilities indispensable to their operation.

The SOFTRAK is able to traverse steep slopes and cross very soft ground with ease, by virtue of its exceptional ground clearance and extremely low ground pressure Bridgestone Rubber Tracks. Unlike rigid track systems the rubber track has been designed with flexible edges, so that it can deflect over obstacles and not cut into soft ground whilst manoeuvring, causing minimal damage to sensitive environments or highway surfaces. With rubber mounted floating bogies a smooth ride can be achieved over rough ground.

**APPLICATIONS**
- Forestry
- Upland Work
- Environmental Work
- Search and Rescue
- Seismic Survey
- Civil Engineering
- Coastal Operations
- Mobile Cranes
- Firefighting
- Electric Power Industry
- Air Crash Recovery
- Bomb Recovery

*FEATURES*

The Track Bodies are constructed in high tensile steels and are mounted on transverse cross tubes to allow the track width of the machine to be easily varied for different applications and tracks. The fully floating bogies are rubber mounted for vibration isolation and maintenance free operation. The heavy-duty track rollers are fully sealed with mechanical face seals (as found on Caterpillar excavators) to give unrivalled reliability and maintenance free operation in all conditions. Tensioning of the rubber track is by grease filled rams and can be easily adjusted with a standard grease gun.

The comfortable Three Man Cab comes with tinted glass, full height doors, opening side windows and sound proofing as standard and with a full heating and ventilation system (optional Air Conditioning) ensures stress free operation in all weathers. The rubber
Suspension allows the cab to be tilted forward to allow easy access to the engine and transmission for service. The cab is fitted as standard with a heavy-duty suspension seat and lap belt for the driver with the option of suspension seats throughout. Full instrumentation is provided with automatic engine shutdown on low oil pressure or high water temperature.

The **Large Cargo Area** behind the cab can be adapted to a wide range of options, being fitted as standard with a lightweight pickup body for general use. The clear flat cargo area allows large or heavy loads to be accommodated and with a sensible loading height lifting on and off of awkward objects is no longer a back breaking exercise. Options include the fitting of personnel bodies for up to 8 people with independent heating and quick attach option, cranes, tipping bodies and water bowser (up to 2,000 litres).

The powerful **Turbo Diesel Engine** is allied to a servo control hydrostatic transmission system to give stepless speed control with full automatic braking. The two speed track motors allow high tractive effort and reduced speed for when climbing steep slopes or carrying heavy loads and the option of high speed for rapid transit when conditions allow. The patented **Single Joystick Control** is unique to Loglogic and allows exceptionally smooth control of all the transmission functions from contra-rotation on the spot at low speed to wide sweeping curves at high speed all at the touch of a lever. As a safety feature the joystick will automatically return to the neutral position on release bringing the machine to a controlled stop. The control lever must also be in the neutral position and the brakes applied to start the engine. For emergency braking and parking the **SOFTRAK** is supplied with oil immersed multi disk brakes as standard.

**OPTIONS**
- Auxiliary hydraulics to run a wide range of Accessories and Tools
- Suspension Seats for passengers
- Front and rear 3 point linkage and PTO
- Road legal lighting
- Range of bodies for specialist applications
- 450mm or 500mm wide tracks
- Air Conditioning
- Crane Attachment
- Winches

**TECHNICAL DATA**

**ENGINE:**
- Lombardini 4 cylinder turbo diesel.
- Power (DIN 70020) ............. 42kw (60hp)
- Capacity .................................. 2068cc
- Max Torque ............ 165Nm @ 2000rpm

**TRANSMISSION:**
- Fully hydrostatic with servo operated pumps and two speed track motors.
- Pump capacity ............ 2 x 63litre/min
- Motor capacity ............ 2 x 750/375cc
- System pressure ............. 350bar

**CAPACITIES:**
- Fuel Tank .................. 50litres
- Hydraulic Oil ............. 65litres

**TRACK GEAR:**
- Bridgestone rubber track system with fully floating bogies and hydraulic tensioning.
- Track width ............. 600mm
- Max tractive effort ........... 3200kgs
- Ground Pressure .... 0.84bar (1.22 psi)
- Maximum Speed ............. 19kmh (12mph)

**WEIGHTS:**
- Unladen .................. 2100kg
- Payload .................. 2000kg

**DIMENSIONS:**
- Width (600mm Tracks) ........ 2100mm
- Height over cab ............. 2235mm
- Ground Clearance .......... 342mm
- Deck Height ................. 762mm
SOFTRAK - the latest in a long line of ultra low ground pressure tracked machines