



The **ROV** track modules are adapted from our standard Softrak undercarriage as supplied to the RNLI etc. for use in marine environments. The use of hot dipped galvanized steel structural components and 316 stainless shafts, fasteners, hose fittings etc. gives excellent corrosion resistance with longevity and strength.

The track modules are constructed in high tensile steels (700Nmm²) and 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 idlers, track rollers and top rollers are fitted with phosphor bronze bearings, high-pressure rubber seals and labyrinth type end caps to minimise sand and mud ingress. Regular greasing with water resistant grease allows purging of any contaminants from the bearing surfaces. This type of bearing/seal arrangement has proven to be extremely reliable in jetting burial machines and is also very simple to maintain in the field. Tensioning of the rubber track is by grease filled rams and can be easily adjusted with a standard grease gun. Nitrogen filled accumulators are fitted to the track tension rams to allow for recoil in the event of sand and stones etc. becoming lodged in the track. With all steel track rollers, idlers and sprockets and a track tensile strength in excess of 32,000 kg de-tracking is almost eliminated.



Specifications:

Track Gear:

Bridgestone imbedded core metal rubber track system with fully floating bogies and hydraulic tensioning.

Track width.....	600 mm
Track rollers	16 x 194 mm
Sprocket	15T x 90mm

Track motor:

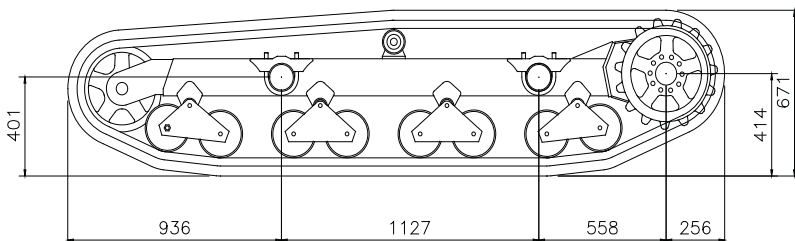
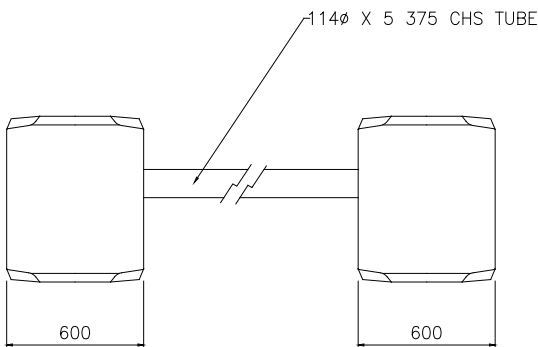
Poclair M5E05 2 speed, hydraulic radial piston motor with pressure balanced mechanical shaft seals.

Motor capacity	820/410 cc/rev
Maximum pressure	350 bar
Tractive effort (200bar, high displacement)	2,258 kg
Tractive effort (350bar, high displacement)	3,951 kg
Maximum speed	6 km/hr

Capacities:

Weight of track module c/w standard motor approx	285 kg
Weight of rubber track	270 kg
Max payload (both tracks)	4,500kg

Dimensions:



ROV TRACK MODULES.

