

Volta Belting Technology has developed high quality caterpillar tracks for use on unmanned ground vehicles such as tactical robots and autonomous guided systems for agricultural and other outdoor uses.

The tracks are based on Volta's unique thermoplastic belting system and are developed according to clients' needs by our in-house engineering department to suit the size of vehicle and the terrain in which it operates. The tracks ensure smooth conveyance over uneven ground and are abrasion resistant **with the option of anti-static properties.**

Volta ESD - Electro-Static Dissipative belts are with resistivity below 10^8 ohms/square ($10^8 \Omega/\text{sq}$).
Volta AS - Anti-Static belt with resistivity lower than 10^{10} ohm/square ($10^{10} \Omega/\text{sq}$).

Technical Advantages

The tracks are designed with a positive drive engagement to prevent slipping where torque demand can increase beyond the grip of regular flat material and can be equipped with customized high frequency welded paddles or bars on the outer contact surface to enhance movement.

The split configuration enables a tracking design which prevents the vehicle from throwing track.



Contact us for a new partnership in excellence.

