

HTT HP950



Harsco Rail/Volvo HTT HP950 Access Units

The HTT HP950 Road Rail Access Unit is based on the Volvo FL618 4x2 Truck which has a standard day cab with 2+1 seating. The vehicle is equipped with an access unit giving a maximum height of 7m to floor level (9m working reach) and 5m either side from the centre line of the vehicle with a SWL of 350kg. The platform can be extended hydraulically to a width of 4.5m. The platform does have the capability to be extended and placed onto the ground allowing a safe passage to and from the platform. The un-laden weight of the vehicle is 15.2tonne with a payload on rail of 1tonne.

The vehicle is fitted with a Schunk WBL 85 pantograph earthing unit.

During operation the vehicle can be driven, and the access unit controlled, using the same radio remote control unit. When the access unit is deployed from its stowage point the maximum speed along the track is limited to 1.5mph. The onboard PLC is used to prevent the access unit from encroaching upon the adjacent tracks when the master control key switches are set to prevent this occurring, in addition mechanical padlock stops are fitted to limit the main rotation of the platform to the safe zone of operation.

The vehicle is equipped with a 110 volt generator consisting of a single cylinder, electric start and air cooled diesel engine coupled to a single phase brushless type alternator, which meets standard IP23 mechanical protection levels. The alternator is driven by the tapered engine crankshaft and delivers four kVA at 3000 RPM. Outlet sockets are provided within the platform, and at the front and rear of the vehicle. The generator is protected by circuit breakers.

The vehicle has a compressed air system and has two outlet socket located in the basket, and one socket located at the front and rear of the vehicle respectively.

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Tel: 01270 254 176 Fax: 01270 253 267 email: info@aspirerail.co.uk



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This vehicle is capable of driving on the Highways as a standard truck to and from the work location. Its gross weight is 18 tonnes and height on the highway is 3.5m with the platform stowed. The vehicle length is 8.2m and the vehicle width is 2.5m with the platform stowed. The maximum speed on the highway is 56mph. For the purposes of access requirements the vehicle dimensions are as previously quoted above. The base vehicle has a ground clearance of 200mm and an approach angle of 7 degrees and a departure angle of 12 degrees. The vehicle has two driven wheels, with low gear ratio capability, and will require made up access for on and off tracking. Vehicles may be placed on or off track and travelled under live Overhead Wires.



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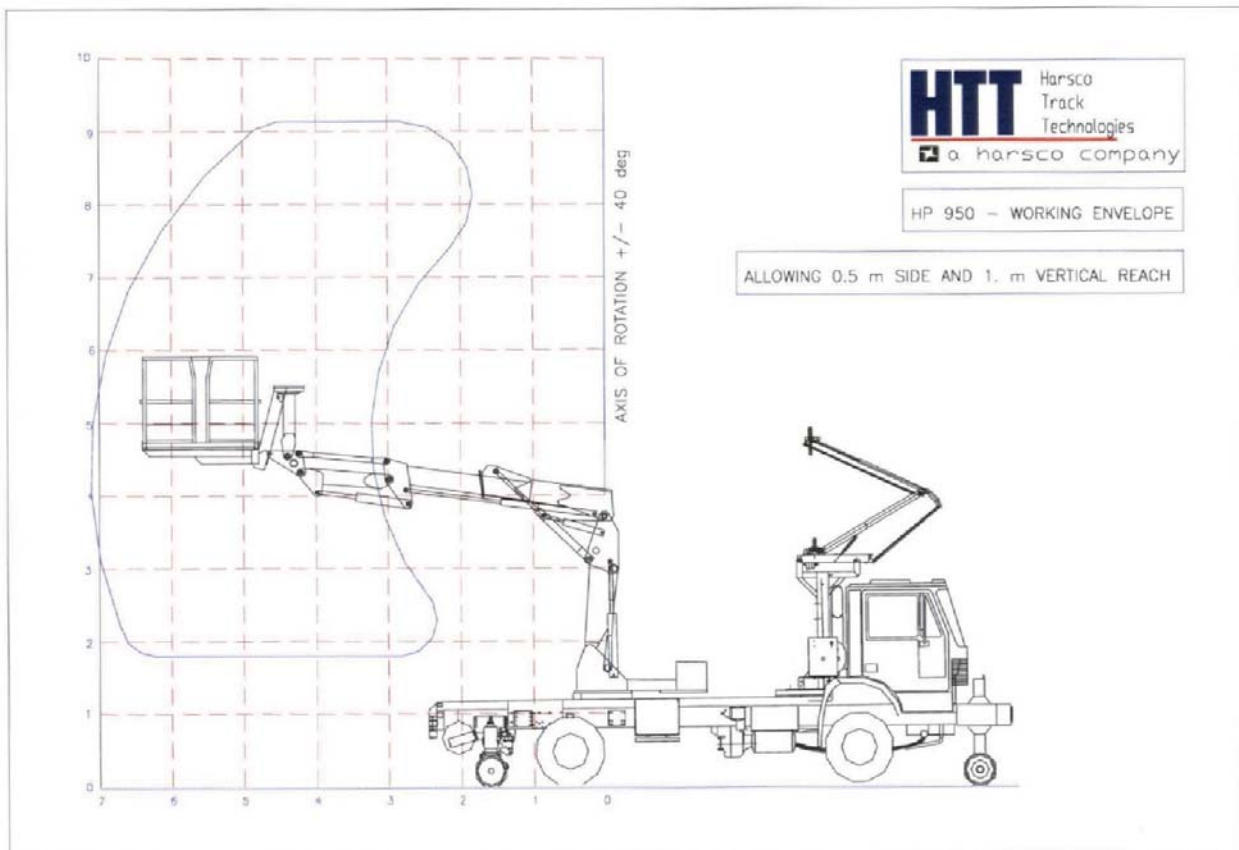
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