

**A track at roof level is required to allow the machine to traverse.
Two different types of track may be considered: one in concrete and the other with two metal rails.**

1. Concrete track

During the construction of the building, it is economic to lay a track in reinforced concrete, which should be strong enough to withstand the pressure imposed by the front and rear wheels of the machine.

If an expansion joint or a joint between two sections of concrete is needed, it is recommended that the joint is made in accordance with the layout below (Fig. 1).

The reason for this recommendation is to prevent a shock when the machine passes over the expansion joint.

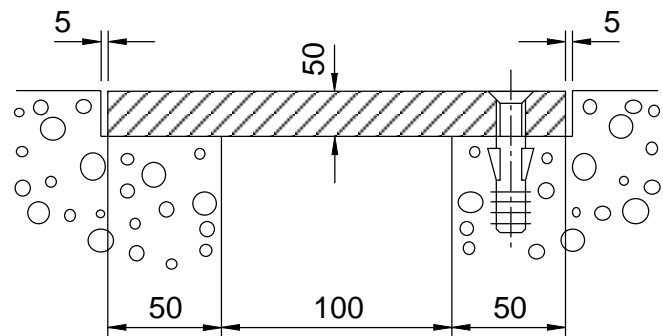


Fig. 1

The conventional joint below (Fig. 2) should not be used, since when the machine passes such a joint the resulting shock would be felt throughout the building.

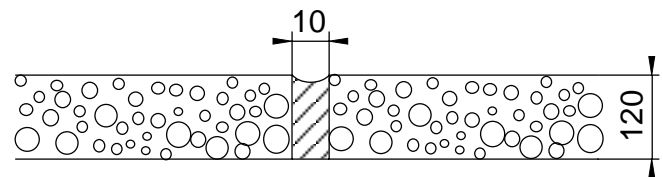


Fig. 2

1.1. Concrete track - with "L" shaped guide rail

Angled metal guide rail fixed to the concrete.
Hot galvanised for protection.

The drawing below (Fig. 3) shows the track for a JUNIOR 213A machine:

- a) location and size of the trolley in relation to the track
- b) location of the track in relation to the parapet.

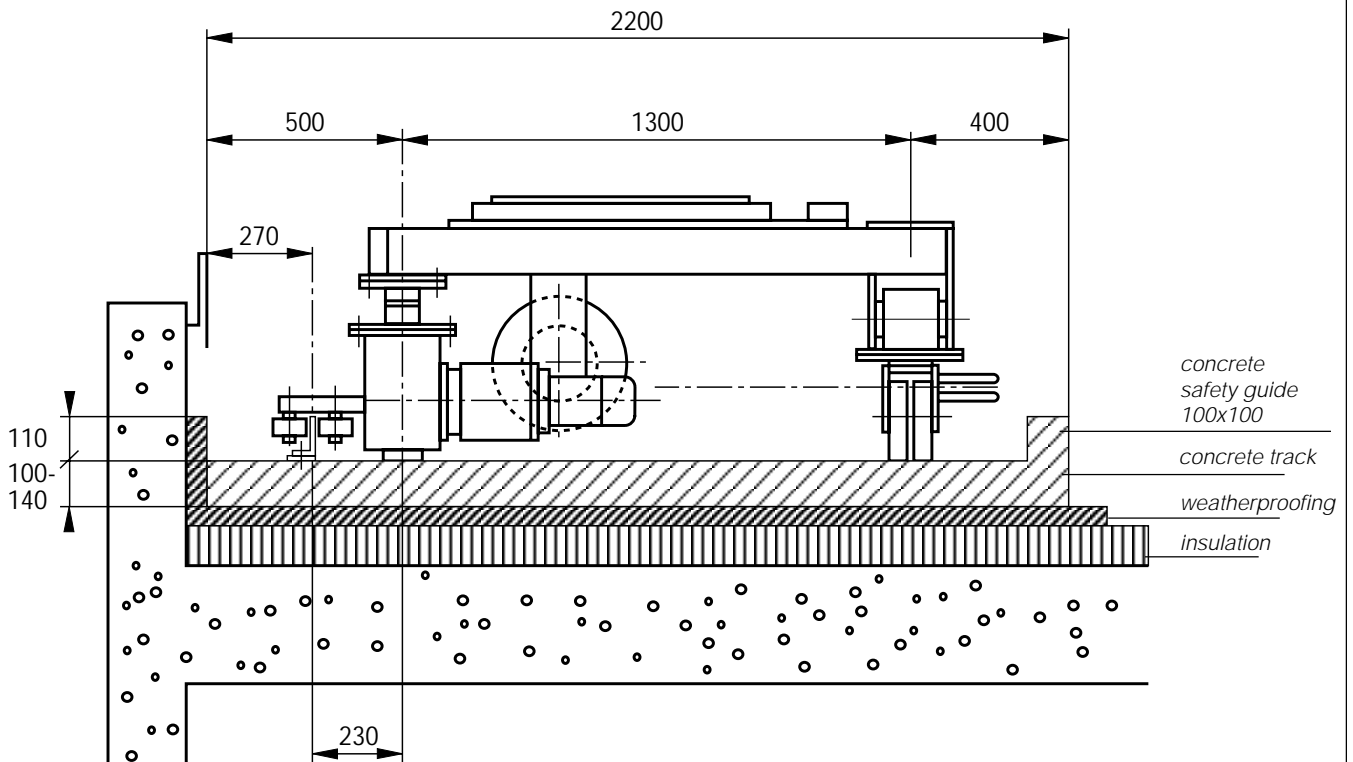
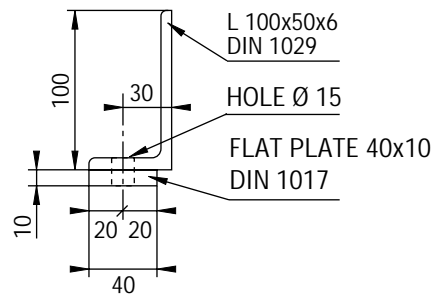


Fig. 3
Concrete track with
"L" shaped guide rail
for JUNIOR 213A machine.