

# Lining-up tramway turnouts

Lining-up tramway turnouts are made either symmetrical-ly or for right or left branching and can be used as trailing or facing. Lining-up turnouts are used for lining tramway sets into the corresponding branch in a certain necessary distance before the separate rail branching. The axis distance of the travel edges of both branches is 129 mm at the turnout end (distributed symmetrically from the initial straight direction) and 120 mm for the right and left turnouts. The section of an arbitrary length with this given axis distance is linked to this turnout.

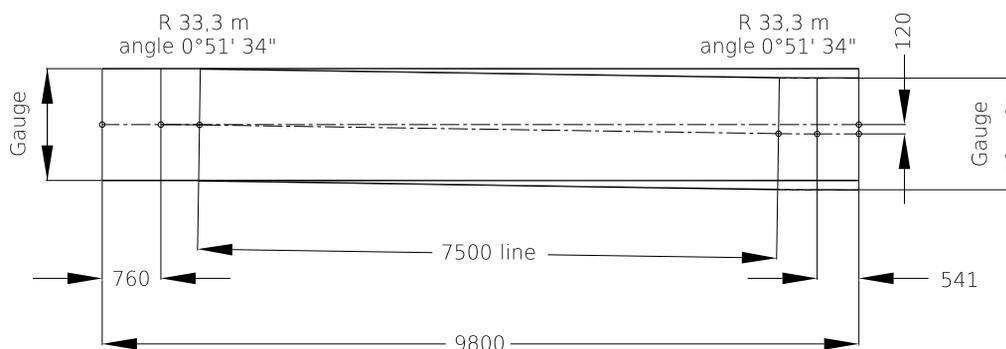
They are constructed for use in the most demanding conditions of tramway tracks. They guarantee a high degree of passage safety, quiet function, are ecologically harmless and feature a long lifetime with minimum demands for maintenance.



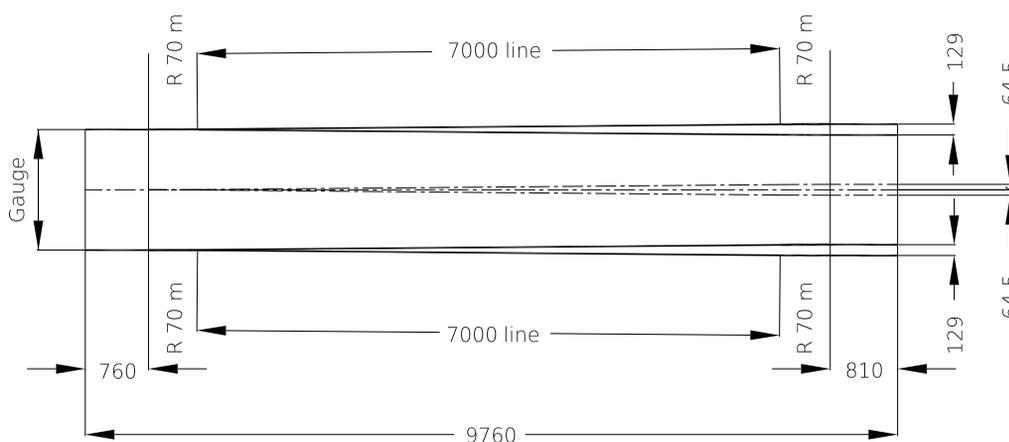
#### Securing:

- in cooperation with the facing or trailing direction setting system, automated or manual resetting of the turnout blades into the required direction and thus a safe tramway passage straight or in the branching direction
- the turnout construction enables the use of modern, unified setting devices with the setting and checking rod

## SINGLE-ANGLE SWITCH



## SYMMETRIC SWITCH



Angle of R70 m = 0° 29' 13"

### Description:

The turnout is made of tram rails with a profile required by the consumer (NT1, NT3, Ri60, Ri60N, Ri59, Ri59N, Ph37, NP4 etc.). Both turnout blades are weldments composed of the rail part of the blade of the specified profile and quality and from the flexible part made of material of quality UIC 900 or another quality according to the customer's requirements. Both parts of the blade are resistor-welded. The turnout frames are made of weldments, whose upper plates form sliding plates for the blades. The rail parts of both half-turnouts, blades and frame are connected mechanically by means of M24 bolts. The position of the frames in half-turnouts is vertically fixed by means of bolts.

### Technical parameters:

track gauge	according to the customer's needs (1,435, 1,000, 1,600, 1,524 mm etc.)
rail profile	according to the customer's requirements (NT1, NT3, Ri60, Ri60N, Ri59, Ri59N, Ph37, NP4 etc.)