

Trailing direction setting device VS-20

Setting device VS-20 is intended for holding blades of the trailing direction turnouts in extreme positions. In the normal connection, it secures holding the blades in the position given by the last tramway passage. In the reversible connection, it secures holding the blades in a position preselected by the setting pocket. It guarantees noiseless function, is ecologically harmless and features a long time lifetime with minimum demands for maintenance.

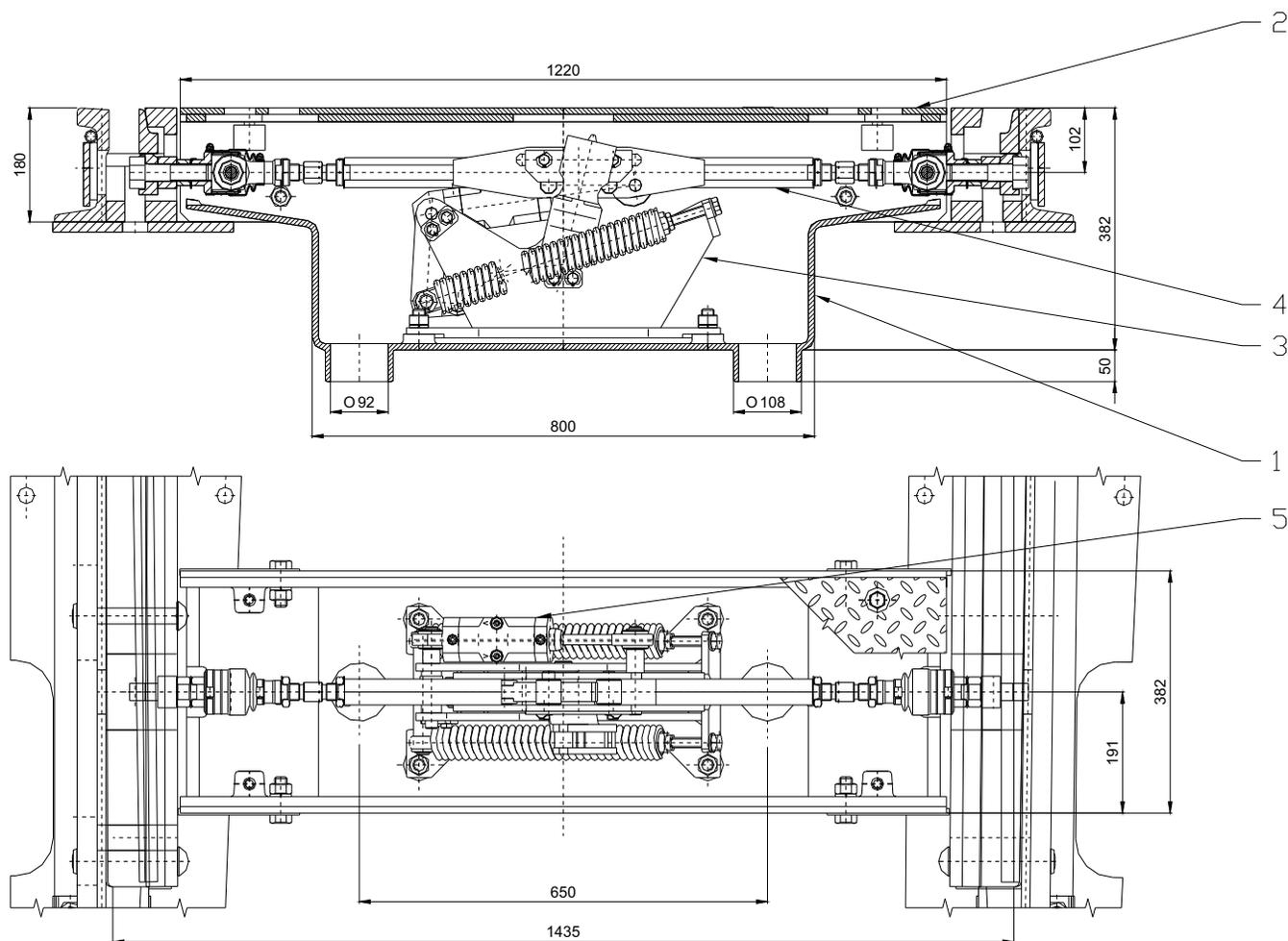
Setting system VS-20 can be supplied in the alternative for single-blade turnouts, either with placement inside the track gauge or sideways to the track gauge.

Setting device VS-20 can be extended by signalling the blade position.



Securing:

- **in normal connection**
down-pressure of the setting rod into the position given by the last passage
- **in reverse connection**
down-pressure of the setting rod into the position preselected by re-setting the setting pocket



Description:

Setting device VS-20 consists of a ground box (1) with a cover (2), in which point box Z-72-S (3) is fixed jointly with the setting rod (4) and damper DD-100 (5). The units are resistant to moisture - the materials and components used during production guarantee the high reliability of the equipment.

Technical parameters:

minimum track gauge	from 1,000 mm
lift of the changeable blades	36 to 70 mm
press-down force of the flexible mechanism	0.85 to 3.17 kN
	(normal connection)
press-down force of the spring mechanism	1 to 3.2 kN
	(reversible connection)
connection of the setting rod to the blades	bolt M27 or
	according to the turnout type
moment for manual resetting	170 to 420 Nm
permitted load of the axle on the cover of the ground box	12,000 kg
maximum mass of the ground box cover	58 kg
overall mass	approximately 250 kg