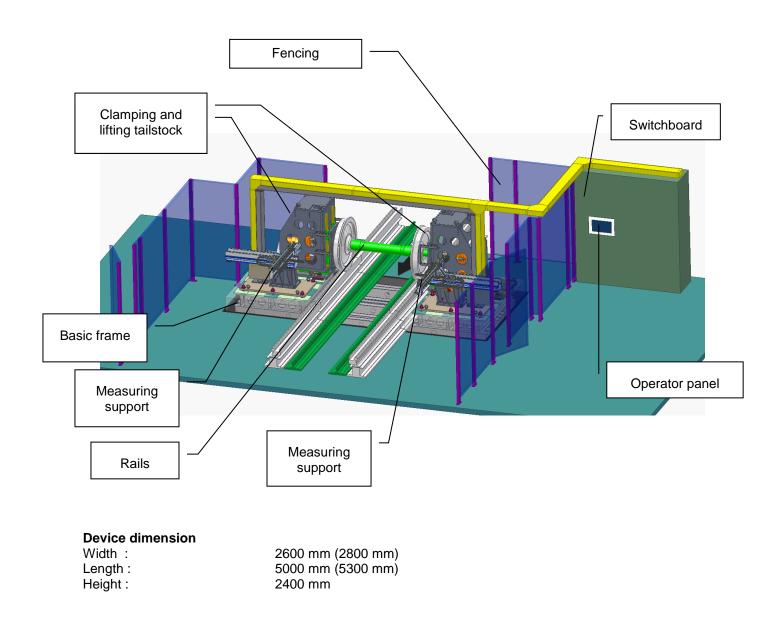
Amest

Automatic measuring station KS-619 for wheelsets dimensional checking

Company AMEST has developed a new solution for automatic control of wheelsets dimensions by using of the radial-axial measuring units conception placed on cross-linear supports.

Measuring station for wheelsets control is placed directly after press, where after wheel pressing is wheelset moved into basic position of measuring station.



Measured parameters

- Wheel diameters
- Radial and axial run-out of the wheels
- Track gauge value
- Dimension A, B



Accuracy of measurement

Accuracy of the measurement (repeatability) : ± 0,001 mm

Description of device function:

Clamping tailstocks will clamp wheelset into pins and lift wheelset always in to the same height (independently on wheelset type). Simultaneously with lifting, the wheelset is starting rotate. Radial-axial measuring units on cross-linear supports will measure all parameters during of wheelset rotation.

After measurement radial-axial units moving back into basic positions and clamping tailstocks put measured wheelset into rails, where external manipulator take it to subsequent sorting into good pieces or scrap.

