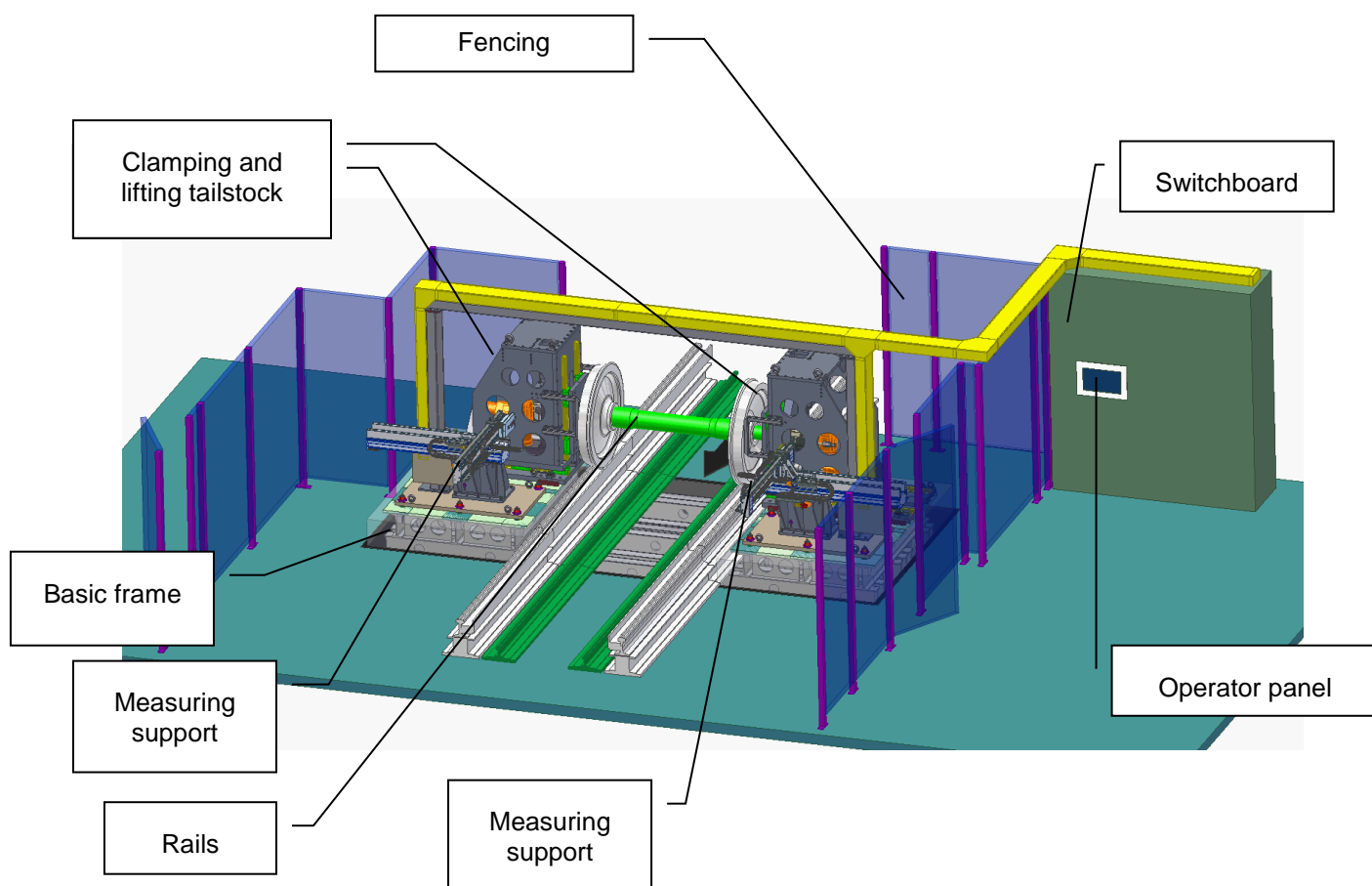


Automatic measuring station KS-619 for wheelsets dimensional checking

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.



Device dimension

Width :	2600 mm (2800 mm)
Length :	5000 mm (5300 mm)
Height :	2400 mm

Measured parameters

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



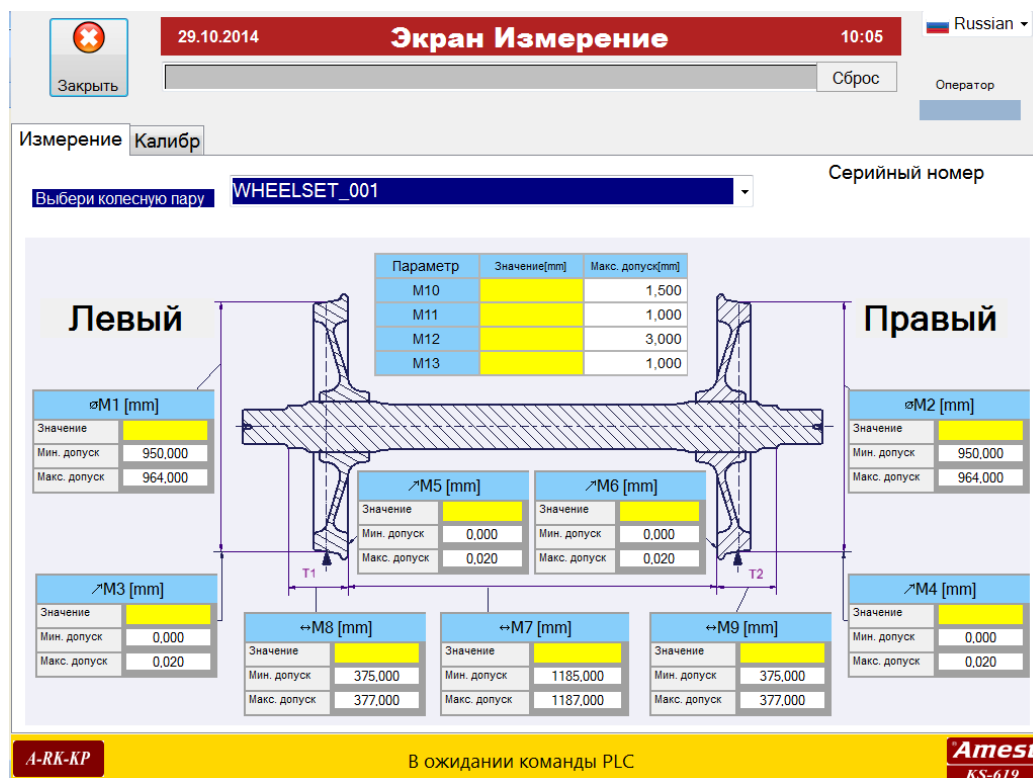
Accuracy of measurement

Accuracy of the measurement (repeatability) : $\pm 0,001$ 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.



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