



Rolling stock  
chocking

## **KTS AZS** Automatic Rolling Stock Chocking System



KTS AZS Chocking System is designed for automation of precise stopping and train chocking on reception and departure tracks of railway stations.

KTS AZS employs stationary heavy-duty braking chocks consisting of two modules – chocking and absorbing modules. The modules are installed on reception and departure tracks – one set for each track, except main tracks and tracks designated for non-stop passing.

A train is chocked by electromechanically driven elements of the braking chock that change their position by an operator's command providing mechanical effect on rolling stocks' wheel pairs.

KTS AZS includes:

- stationary heavy-duty chocks;
- subsystem for precise train stopping;
- station Master workstation for command input and system performance monitoring;
- subsystem for chock drive control.

## APPLICATIONS

- Reduction of time required for train chocking.
- Reduction of running costs due to elimination of signalling specialists labour.
- Improvement of work environment and withdrawal of operating personal from hazardous areas.



Braking chock

CAPABLE OF CHOCKING A TRAIN WITH THE TOTAL MASS OF:

**up to 10 000 tonnes**

ON A TRACK WITH A SLOPE UP TO 0.003

**up to 5 000 tonnes**

ON A TRACK WITH A SLOPE UP TO 0.006

**SUBSYSTEM FOR  
PRECISE TRAIN STOPPING**

**REDUCED TIME TO CHOCK  
A SINGLE TRAIN  
BY 46 MINUTES**



Wheel pair chocking



Local control panel



## RELIABILITY AND SAFETY

**DOES NOT REQUIRE** presence of signalling specialists and installation of brake shoes

**FULL PREVENTION OF ACCIDENTAL MOVEMENT** of the chocked train or any of its parts

**MULTIPLE CONTROL MODES:** interlocked and local



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