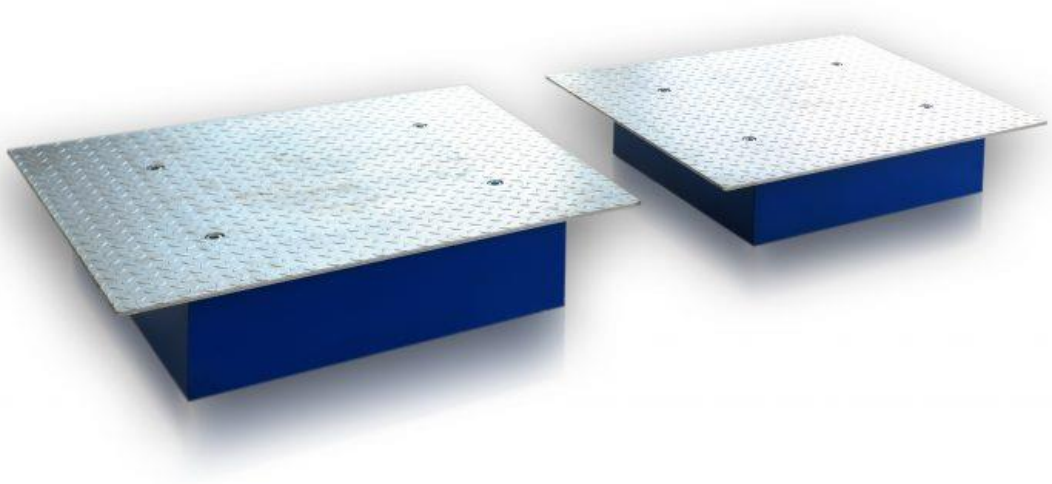
LDV & HDV Universal Play Detector

Type SZ-16/SZ-20



Play detector is a device generating forced jerks of vehicle's wheels.
Play detector allows a check of plays in elements of suspension and steering systems (e.g. joints, bolts, bearings).
Hydraulic play detector SZ-16/SZ-20 is powered by a hydraulic power unit and is intended to test vehicles with total weight up to and above 3,5t.

The movements of the SZ-16/SZ-20 are longitudinal and transverse (movements shown in pictures with grey arrows on the left side).

Combination of different plate's movements improves the efficiency of a testing process.
The jerking plates are galvanized assuring long durability of the device. Plates are also grooved to prevent slipping of wheels.
Light plates of the play detector are designed to not overload the motor and prolong the exploitation.

The device is equipped with LED control torch with the bright light stream.
Intuitive and easy control of the torch improves the functionality of usage.
In our offer, there are also foundation frames which ensure the durability and safety of use of the device.





TECHNICAL DATA

Parameters	Values SZ-16	Values SZ-20	Values SZ-20/100
Maximum axle load	18 t	20 t	20 t
Movement of plates	synchronized	synchronized	synchronized
Speed of plates	6 cm/s	3,6 cm/s	10,0 cm/s
Directions of movement	8	8	8
Movements of the plates	100 mm longitudinal 100 mm transverse	100 mm longitudinal 100 mm transverse	100 mm longitudinal 100 mm transverse
Plate displacement force	26KN	30KN	30KN
Dimensions	1000 x 870 x 220 mm	1000 x 870 x 220 mm	1000 x 870 x 220 mm
Power unit	1,7 kW	3,3 kW	3,3 kW
Supply voltage	3 x 400 V	3 x 400 V	3 x 400 V
Test plate weight	190 kg	220 kg	220 kg
Automatic and manual operating mode	no	yes	yes
Automatic return of the plates to the starting position	yes	yes	yes

Accessories	**Options**
two mechanical parts with jerking plates	cables and hoses (+ bushing lap twisted)
hydraulic power unit	wireless LED control torch
electric cabinet (steering)	**Installation & Service**
wire LED torch	Available in pit installation
remote control with radio connection	Foundation frames (to simplify installation)

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