



PLAY DETECTOR

Joint Play Detector GST 8600 | Truck | 20t | 400V

Quick detection of defects and wear on wheel bearings, steering parts, suspension, stabilizers, and trailer couplings on trucks with up to 20t axle loads

Article number: 1 691 850 200

Description

Joint Play Detector Truck 20t - Quick detection of defects and wear on trucks with up to 20t axle load:

- wheel bearings,
- steering parts,
- suspension,
- stabilizers,
- Kingpins and
- trailer couplings

Advantages:

- Smooth movement due to powerful hydraulic unit with high precision for easy and fast positioning
- Low-noise under-oil hydraulic power unit
- Two digital test plates built into the foundation at ground level
- Galvanized test plates with integrated, digital valve control electronics
- Bearing is provided by extra-robust, hard-chrome plated steel shafts
- Extremely robust and low-maintenance design for long service life
- Test plates can be moved in horizontal, vertical, and transversal directions
- Further operating modes including automatic modes (optionally)
- Wireless radio hand lamp with one-hand operation for movements control
- Wireless radio hand lamp with long-life LEDs and lens for an ideal light beam angle
- Suitable for existing Beissbarth foundation frames (as used for GST-8508)
- Suitable for all popular foundation frames (accessories required)
- Meets the requirements of Directive 2014/45/EU

Standard swinging movements:

- Longitudinal and transverse, opposite directions

Optional swinging movements upgrades:

- Longitudinal and transverse, same direction (1691853206)
- Automatic longitudinal and transverse, same and opposite directions (1691853203)
- Automatic circular (1691853204)
- Automatic diagonal (1691853205)
- Single wheel, left / right (1691853208)
- Automatic center (1691853207)
- All movements (1691851204)

Scope of delivery:

- 2x test plates
- Hydraulic power unit including wiring
- Electrical control box including wiring
- Wireless hand lamp including charging station and power supply
- Hydraulic hose set

Technical Data

| | |
|--------------------|----------------------|
| Operating pressure | 205 bar |
| Driving power | 3,0 kW |
| Weight | 377 kg |
| Packing | 1200 x 800 x 1100 mm |

| | |
|-----------------------------------|-------------------|
| Fuse protection | 16 A slow-blow |
| Rated load capacity | 10 t |
| Test speed | 68 mm/s |
| Maximum load per axle | 20 t |
| Power supply | 3 x 400 V 50 Hz |
| Temperature range | - 10 - + 60 °C |
| Parallel feed direction | optional |
| Test in opposite direction | Standard |
| Shear force | >30 kN |
| Dimensions - cover-/test plate | 740 x 760 x 10 mm |
| Plate movement horizontal | +/- 50 mm |
| Plate movement vertical | +/- 50 mm |
| Plate movement diagonal | optional |
| Plate movement radial | optional |
| Control | Akku-Handlampe |
| Installation depth | 144 mm |
| Test movement total | 100 mm |
| Test plate length | 590 mm |
| Test plate width | 590 mm |
| Test plate weight | 160 kg |
| Hydraulic unit height | 785 mm |
| Hydraulic unit width | 330 mm |
| Hydraulic unit depth | 380 mm |
| Hydraulic unit weight | 36 kg |
| Hydraulic unit operating pressure | 205 bar |
| Hydraulic unit oil Capacity | 20 l |
| Hydraulic unit power | 3 kW |
| Test plate height | 146,5 mm |
| Gross weight | 387 kg |
| Country of Origin, customs | DE |
| Hydrauliköl | DIN 51524/2 HLP46 |
| Hydraulic oil quantity | 15 l |

Accessories

| | |
|---------------|--|
| 1 691 851 101 | Foundation frame set GST 8508 & GST 8600 |
|---------------|--|