1. **KRAB U-LIGHT**
   TROLLEY DESIGNED WITH A FOCUS ON LOW WEIGHT AND EASY MANIPULATION.

2. **KRAB S-LIGHT** (RECOMMEND)
   THE KRAB S-LIGHT SYSTEM IS THE LATEST STEP OF KRAB EVOLUTION.
   DESIGNED WITH FOCUS ON LOW WEIGHT AND EASY OPERATION.

3. **KRAB HEAVY**
   TROLLEY DESIGNED FOR TOWING WHICH PROVIDES FULL TRACK GEOMETRY MEASUREMENT AND RAIL PROFILES

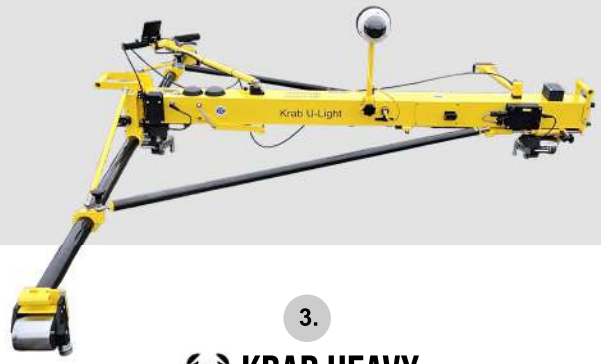
4. **GEKON MODULAR**
   MEASURING TROLLEY FOR RAIL CORRUGATION AND RAIL PROFILES. ENTIRELY MODULABLE.

5. **T-METIX**
   TROLLEY FOR MEASUREMENT OF TRACK POSITION REFERENCED FROM FIXED POINTS OR TRACK INFRASTRUCTURE
   ELEMENTS.

6. **TURTLE**
   FOR TRACK GEOMETRY AND RAIL PROFILES

7. **SPIDER**
   ELECTRONIC MEASURING DEVICE FOR WHEEL DIAMETER.

1.
KRAB U-LIGHT



2.
KRAB S-LIGHT

3.
KRAB HEAVY

4.
GEKON MODULAR

5.
T-METIX

7.
SPIDER

6.
TURTLE

PRECISIONTRACK INSPECTION

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KRAB U-Light

Super low weight measuring trolley for track geometry

01

The KRAB U-Light system is the latest step of Krab evolution.
It was designed with focus on low weight and easy operation.
The measurement speed is limited to approx. 8 km/h.

The trolley weights app. 22 kg, only one operator is capable to take it away from the track.
On-board computer has enough memory for at least 2000 km; its battery works 8 hours without charging.
The trolley has versatile adjustable nominal gauge in wide range as an option (1000 mm - 1676 mm).

KRAB S-Light

Super low weight measuring trolley for track geometry

The KRAB S-Light system is designed with focus on low weight and easy operation.

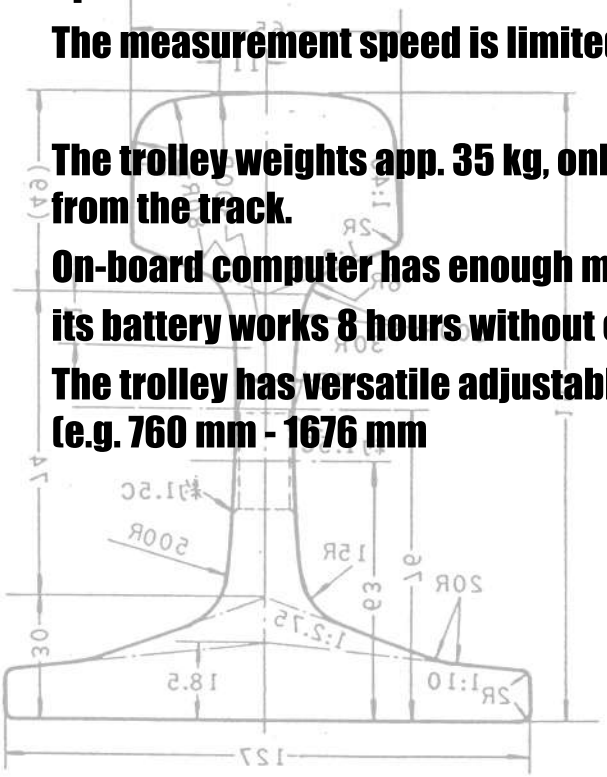
The measurement speed is limited to approx. 15 km/h.

The trolley weights app. 35 kg, only one operator is capable to take it away from the track.

On-board computer has enough memory for at least 2000 km;

its battery works 8 hours without charging.

The trolley has versatile adjustable nominal gauge in wide range as an option (e.g. 760 mm - 1676 mm



02

KRAB HEAVY

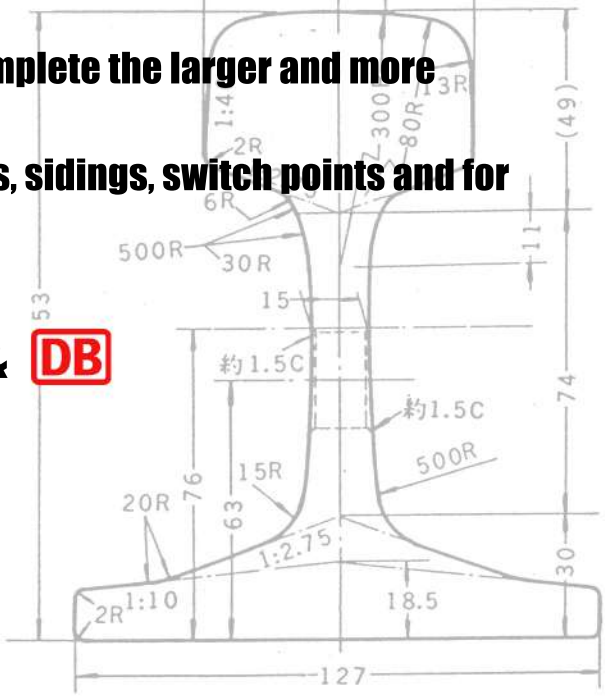
Track Recording Trolley for track geometry

The KRAB system has been designed to complete the larger and more sophisticated measuring cars.

It is perfectly suitable for secondary routes, sidings, switch points and for new track acceptances.

Approved by ČD , renfe & DB

03



GEKON MODULAR

Measuring trolley for rail corrugation and rail profiles

04

The GEKON trolley is a measuring device intended for contactless measuring of the corrugation of both grooved and UIC rail.
It can be used for rail head microgeometry assessment.
It can also be used for continuous laser scanning of rail profiles and evaluation of Rail head wear. The trolley can also be equipped with two rail profiles scanners for continuous record of rail shape

BigFoot

The trolley BigFoot is a variant of the Gekon and it is designed for towing behind a vehicle.

The GEKON can also be equipped with two rail profiles scanners for continuous record of rail shape.

T-METIX

trolley for measurement of track position referenced from fixed points or track infrastructure elements.

05

The T-METIX trolley measures with accurancy the track position referenced from fixed points or track infrastructure elements.
It can also measure the position of catenary wire, the gauge, the cant of the track, and the run distance.

A positioning wheel and an accurate screw-adjuster allow to oriente the swivelling laser.

DistoDroid

Specially developed Android application DistoDroid allows recording and operation. There are two modes - measurement mode and check mode. Measured data are saved to structured .csv format.

TURTLE

For track geometry and rail profiles

06

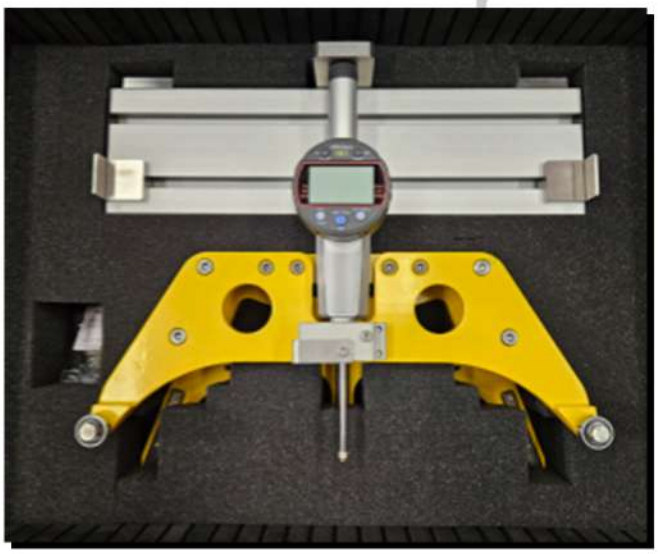
The TURTLE trolley concept enables the measurement of complete track geometry as well as rail profiles. The TURTLE can be made for any nominal track gauge (e.g. 1067, 1435, 1600 mm) and it can be used for all common vignoles and grooved rail profiles including UIC60.

The TURTLE fulfills all the requirements of the EN13848-1 and EN13848-4 standards.

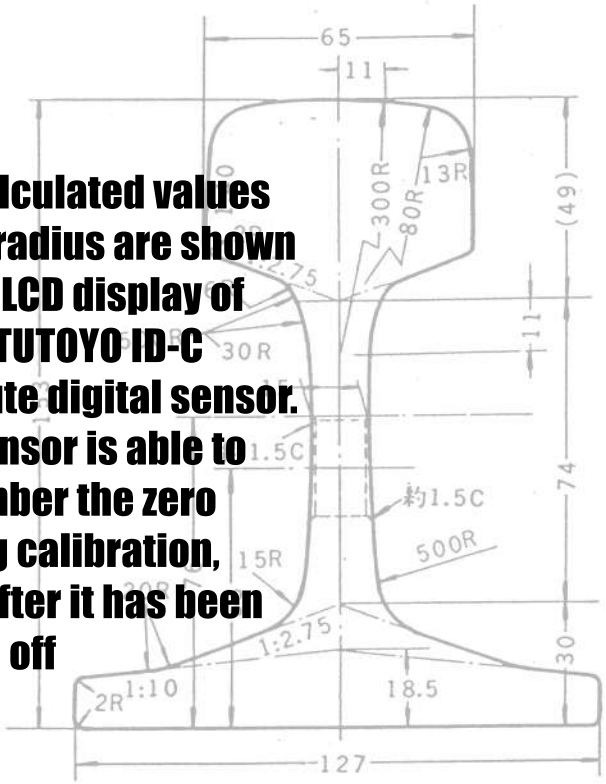
SPIDER
for wheel diameter

07

The SPIDER is an electronic device designed to measure rise values and to make subsequent calculations of wheel diameters of railway and tram vehicles. It can be used for wheel checking for operational wear (wheel diameter) or wheel testing before re-profiling.



The calculated values of the radius are shown on the LCD display of the MITUTOYO ID-C absolute digital sensor. The sensor is able to remember the zero setting calibration, even after it has been turned off



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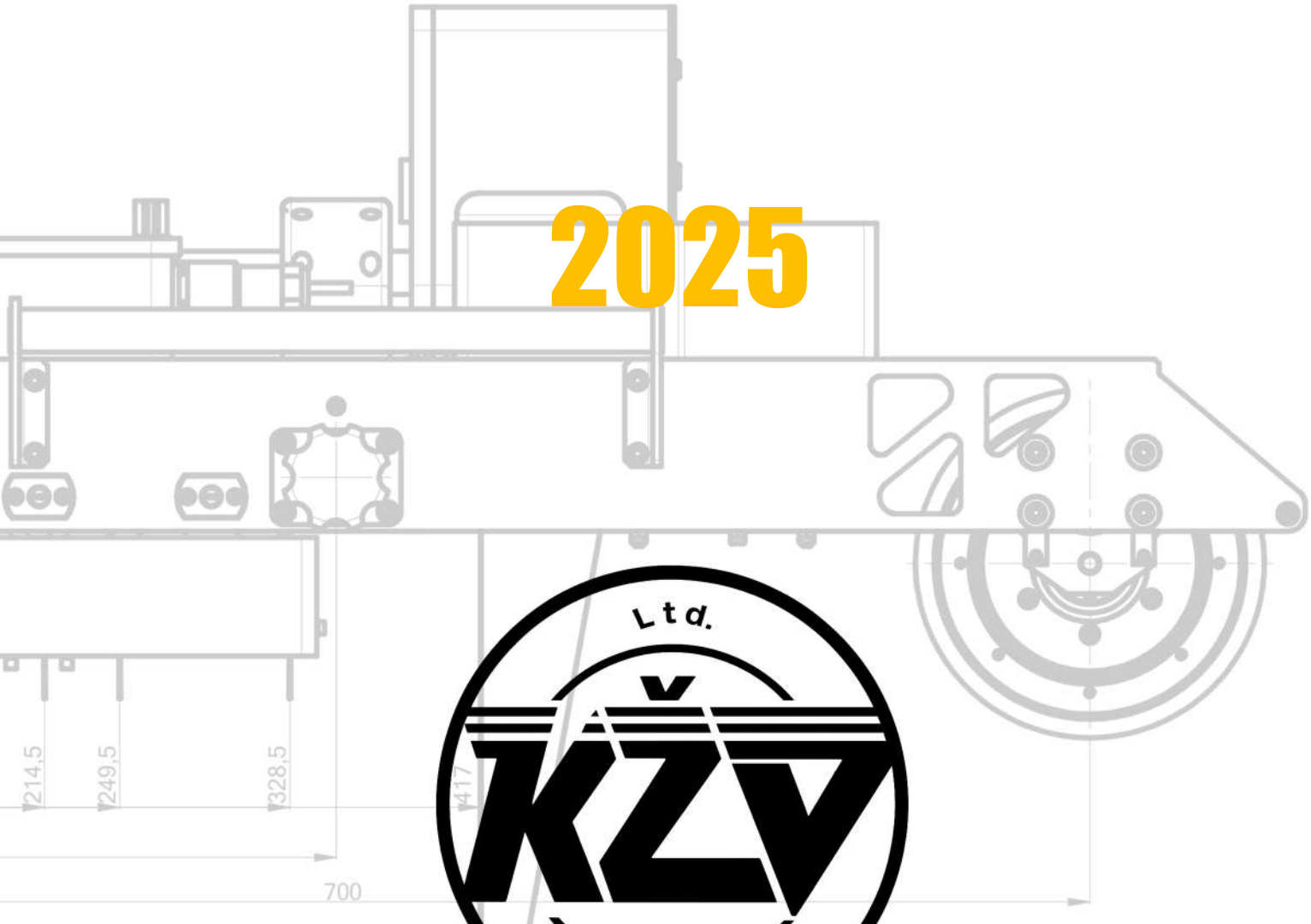

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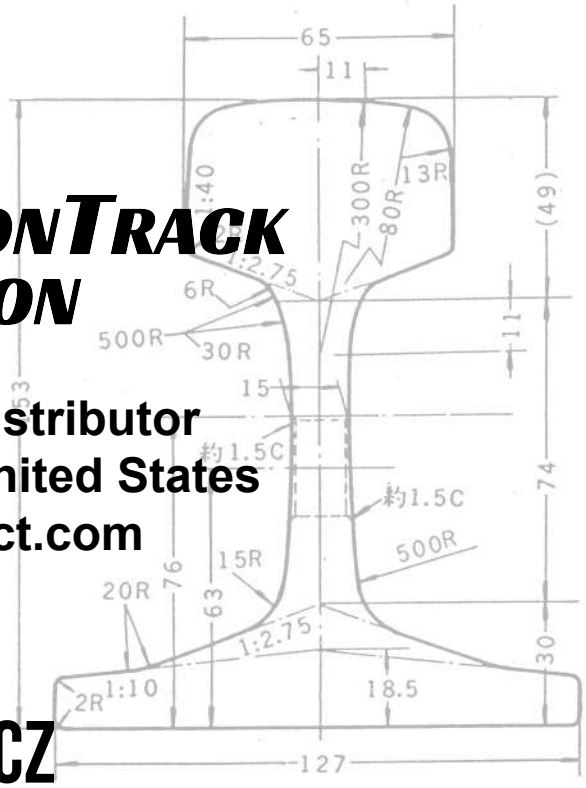

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