

CALIPRI®
WHEEL

WHEELSHOP



WHEELSHOP



done in the same way as the usual Calipri Wheel wheel profile measurement.

The Wheel Shop module is applicable if your wheel set machine tool does not have a sufficiently exact measurement system or if the determination of the optimal depth of cut is to be done independently of the machine tool.

And you can save valuable operating time of your machine tool by carrying out the measurements parallel to the wheel set machining.

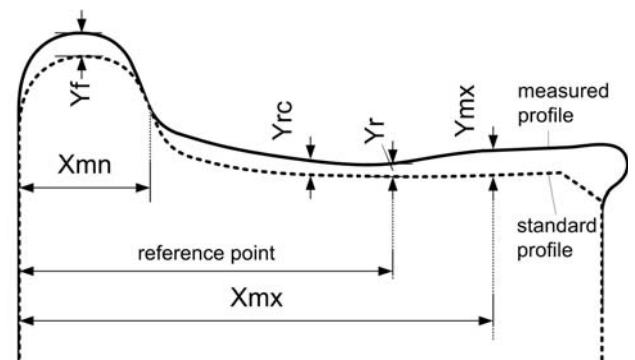
The "Wheel Shop" module allows you to make an independent measurement of your wheel profiles for the wheel set machining.

This module calculates the optimal depth of cut. To this end, you can select the desired target wheel profile and the reference point of the cutting tool. The gauge is mobile and easy to use. The wheel sets can be measured in an

installed or uninstalled state.

All measurement results as well as the measured profile shape will be stored electronically. A measurement lasts no longer than a few seconds.

The measurement is



TECHNICAL DATA

Measurement parameters:

- depth of cut, reference point – Yr
- depth of cut, flange – Yf
- depth of cut, rolling circle – Yrc
- depth of cut, maximum – Ymx
- x-depth of cut, minimum – Xmn
- x-depth of cut, maximum – Xmx
- all measurement parameters like with the wheel profile module

System requirements:

CW40 – Calipri-Wheel and Module
CWM001 – Wheelprofile or CWM011 - Wheelprofile Tram

Measurement duration:

approx. 5 sec.

Accuracy: < +/- 80 µm

Repeatability: < +/- 35 µm

Accuracy, profile (standard deviation of all measurement points): 15 µm

Measurement range:

For all common wheel profiles (e.g. railway or tram wheels))

Scope of delivery:

- software module (pre-installed at delivery on CW40 – Calipri Wheel)
- 10 target profiles of a wheel type of the buyer's choice included

Order code:

CWM023 – Extension Wheel Shop
CWM024 – Extension Wheel Shop Tram

nextSENSE

NextSense Mess- & Prüfsysteme GmbH
Reininghausstraße 13a, 8020 Graz, Austria
Tel. +43.316.232 400-0, Fax +43.316.232 400-599
Mail office@nextsense.at, www.nextsense.at