

## Micro-Line – Swiss Rotary tables For metrology and positioning tasks

### Headquarters

PETER LEHMANN AG  
Bäraustrasse 43  
CH-3552 Bärau  
Phone +41 (0)34 409 66 66  
sales@plehmann.com  
www.lehmann-rotary-tables.com

### Global network

#### Europe

– Austria  
– Benelux  
– Bosnia  
– Bulgaria  
– Croatia  
– Czech Republic  
– Denmark  
– Estonia  
– Finland  
– France  
– Germany  
– Hungary  
– Iceland  
– Ireland  
– Italy  
– Kosovo

– Latvia  
– Lithuania  
– Macedonia  
– Norway  
– Poland  
– Portugal  
– Romania  
– Russia  
– Serbia  
– Slovakia  
– Slovenia  
– Spain  
– Sweden  
– Turkey  
– UK

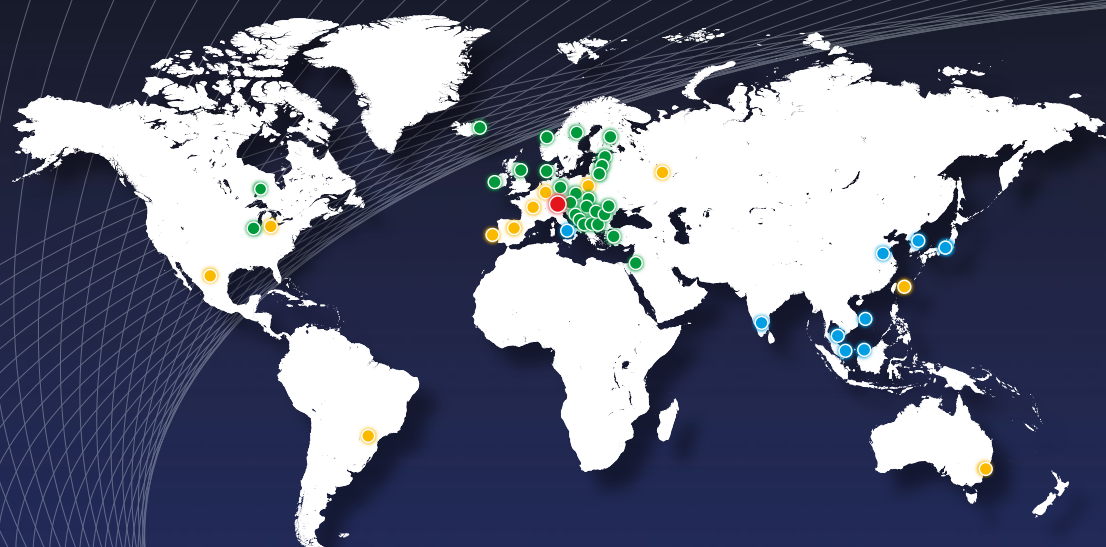
#### America

– Brazil  
– Canada  
– Mexico  
– USA

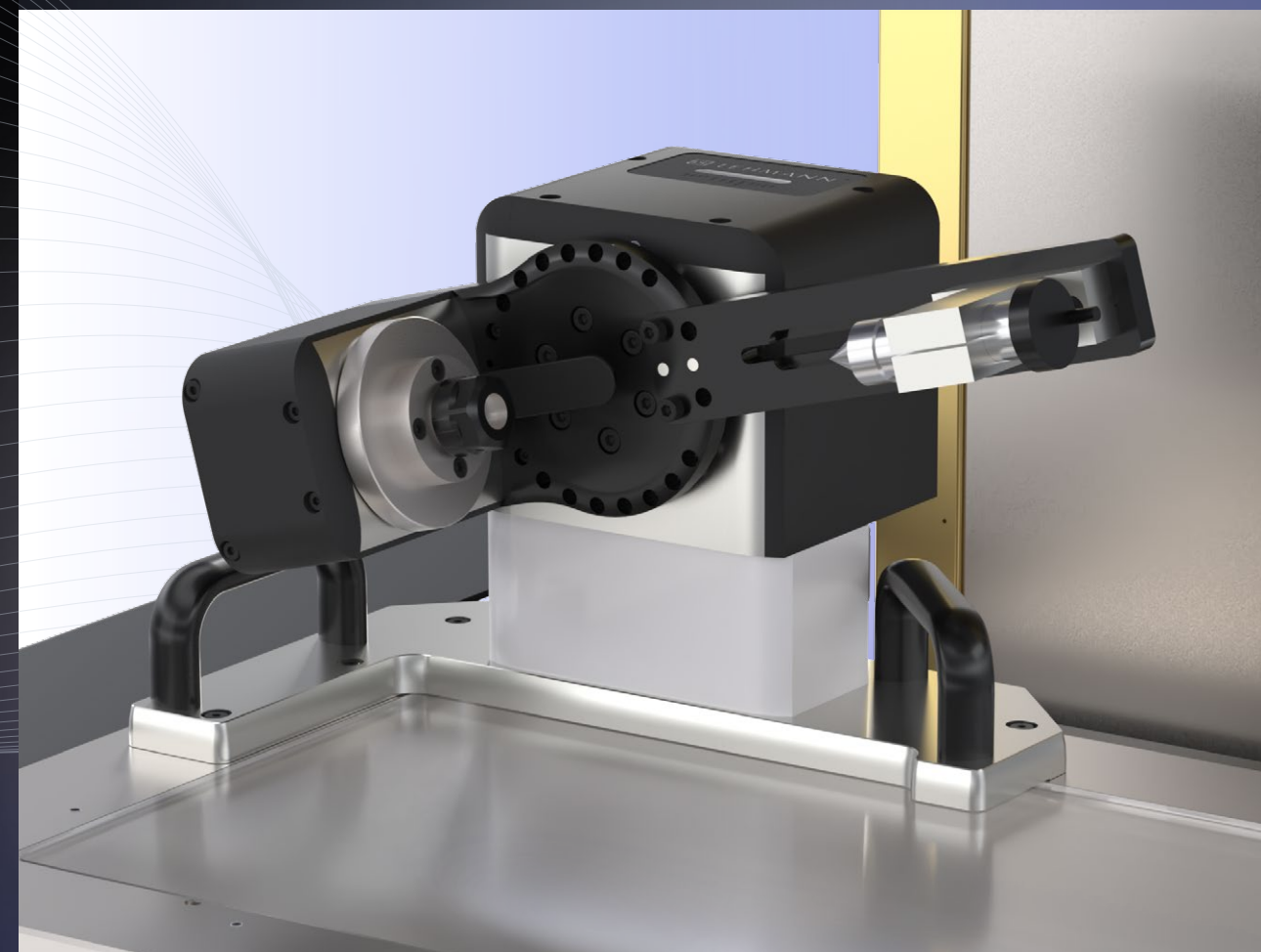
#### Asia

– China  
– India  
– Israel  
– Japan  
– Malaysia  
– Singapore  
– South Korea  
– Taiwan  
– Thailand  
– Vietnam

#### Australia



● Headquarters ● direct sales ● pl SOLUTIONS® partner ● value added reseller & partner  
More information (address, telephone number...) at [www.lehmann-rotary-tables.com](http://www.lehmann-rotary-tables.com)



**M/Q**  
Line  
Metrology  
Solutions

2025

Micro-Line  
**TF-Q03Q05**

07/2025 | EN

### The «DLL» micro dual axis rotary table

- No integration into machine controller required
- Fully controlled by your existing software
- Perfect for existing and new systems
- In no time ready to use
- ➔ Easy to operate, stand alone or automated

## pL LEHMANN micro rotary table TF-Q03Q05

- Very good stiffness and accuracy
- Compact design, optimized use of space
- Optional positioning compensation
- Easy to operate, stand alone or automated

Ready for existing and new measuring instruments



Also available as single axis

## The pL LEHMANN «DLL» Rotary Table



### Field of Application

- Coordinate measuring systems
- Surface/contour measuring devices
- Any other positioning tasks
- ➔ Ready to use with your machine PC

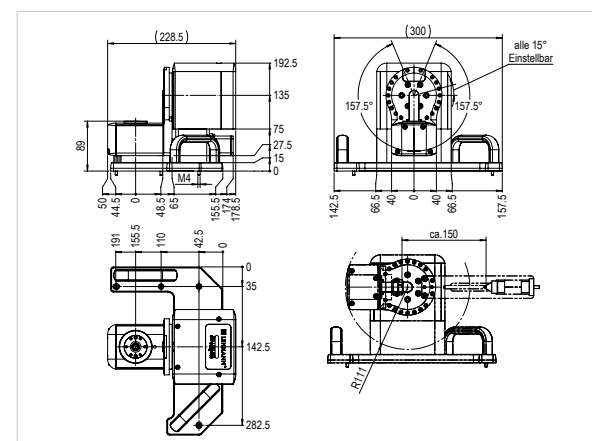
**Available as OEM version for full integration too**



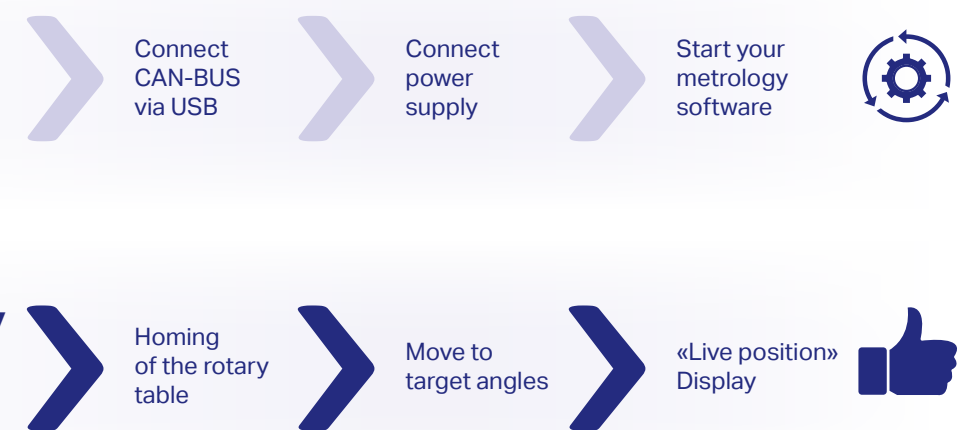
## Accessories



## Dimensions



**Ready to  
use within  
seconds**

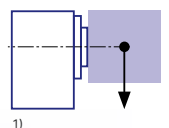


**Controlled by Quick-API commands**

|                    |                                          |                                                                                       |                                                                                           | TF-Q03Q05                                     |
|--------------------|------------------------------------------|---------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------|-----------------------------------------------|
| Dimensions         | Swivel $\emptyset$                       |                                                                                       | mm                                                                                        | 95                                            |
|                    | Center height                            |                                                                                       | mm                                                                                        | 135                                           |
|                    | Total weight                             | with motor / without tailstock                                                        | kg                                                                                        | 9.5                                           |
|                    | Center bore                              | with motor / with tailstock<br>throughout                                             | mm                                                                                        | 10.5<br>8                                     |
| Bearing / Clamping | Max. spindle load                        | vertical or with tailstock                                                            |  kg  | 5                                             |
|                    |                                          | without tailstock                                                                     |  kg  | 2                                             |
|                    | Max. axial load                          |                                                                                       | N                                                                                         | divider: 300<br>swivel: 500                   |
|                    | Max. radial load                         |                                                                                       | N                                                                                         | divider: 2'857<br>swivel: 5'357               |
|                    | Tilt stiffness <sup>1)</sup>             |                                                                                       | Nm /arcmin                                                                                | 11.8                                          |
|                    | Max. tilting moment <sup>1)</sup>        |  | Nm                                                                                        | divider: 40<br>swivel: 75                     |
| Gear unit          | Positioning accuracy                     |                                                                                       | ± arc sec                                                                                 | 45 (compensated: 25)                          |
|                    | Repeat accuracy Ps average <sup>2)</sup> |  | ± arc sec                                                                                 | < 6                                           |
|                    | Max speed                                | with standard load                                                                    |  rpm | Q-Line: 16 / M-Line: divider: 120, swivel: 60 |
| Precision          | Radial run-out <sup>2)</sup>             | on spindle $\emptyset$                                                                | μm                                                                                        | 5 (opt. 3)                                    |
|                    | Axial run-out <sup>2)</sup>              | at spindle end face                                                                   | μm                                                                                        | 5 (opt. 3)                                    |

<sup>1)</sup> Provided it is properly fastened

<sup>2)</sup> For measurement method and validity of values, see main catalogue metrology



Easy to operate, stand-alone or automated

**Ready to produce good parts**