

maturo GmbH

maturu - company profile

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matur - company profile

- Moving to new company building in January 2014



maturο - company profile

- Global electromechanical positioning systems manufacturer for measurements regarding
 - EMC
 - Automotive
 - Radio
 - Radar
- Individualized products according to customer requirements
- 40 specially trained and high qualified employees with decade-long experience



- State-of-the-art product range:
 - Antenna Mast and Stands
 - Turntables
 - High Precision Antenna Positioning Systems
 - Linear Positioners
 - Test Tables
 - Dynamometers
 - Controllers

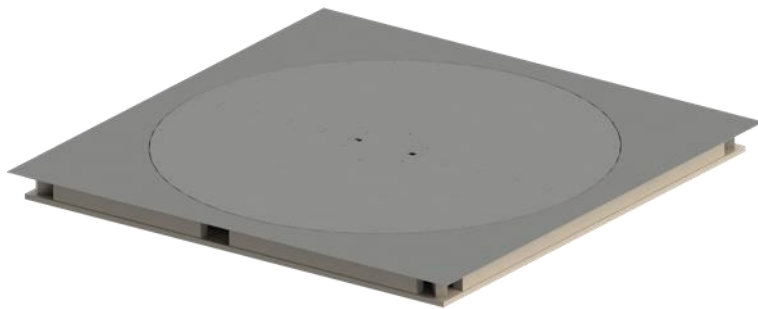
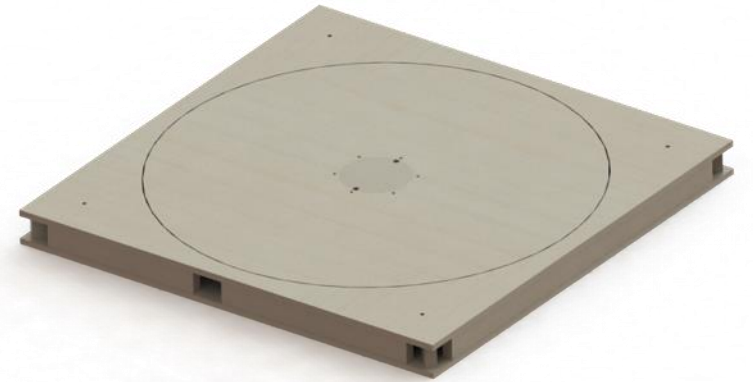
maturο - Antenna Mast and Stands

- Manual, semi and fully automatic solutions
- Various heights
- Various loads
- Possibility for automatic tilt (bore sight)
- Made of high-strength and low reflective dielectric plastics
- Solid and low maintenance design



maturο - Turntables

- 0.3 m to 14.0 m diameters
- 10 kg to 100 tons load capacity
- Free-standing and integrated
- Cover plates made of laminated wood or stainless steel
- Solid and low maintenance design



maturο - Antenna Positioning Systems

- High Precision Antenna Positioning Systems
- Up to 0.01° positioning accuracy in elevation and azimuth axes
- Designed for antenna measurements (near-field and far-field) and OTA radiation measurements according to standards of
 - mobile radio
 - Wireless
 - LTE – MIMO

maturο - Antenna Positioning Systems

➤ Examples for High Precision Positioning Systems



maturo - Linear Positioners

- Various linear positioners for various measurements methods
- Mainly made of high-strength and low dielectric plastics
- Designed for automatic measurements of
 - the field homogeneity (EN61000-4-3, IEC61000-4-3)
 - RFI power (CISPR, EN, ANSI, VCCI, VDE standards)



maturο - Test Tables

- Various test tables as accessories for testing laboratories
- Versions according to IEC/EN 61000-4-2, CISPR 25 or MIL-STD-461
- Individually specifications according to customer's demand
 - non-conductive with a low dielectric constant
 - Wood with a conductive, metallic table top



maturο - dynamometers

- Free-standing and integrated versions for vehicles from bicycles up to trucks
- Active and passive axles
- Speed up to 200 km/h (+/- 0.1 km/h)
- Designed for
 - EMC/EMI measurements
 - functional and continuous testing
 - drive and brake analyses
 - testing of ABS, ESP, etc.



matturo - controllers

- NCD controller
- Manual, semi-automatic and remote control via IEEE, 488.2 (GPIB) or Ethernet interface
- Up to 8 devices
- Simple user interface with touch screen panel



maturο - controllers

- FCU^{3.0} controller
- Manual, semi-automatic and remote control via Ethernet (TCP/IP) interface
- Up to 4 devices
- Control via existing PC, optional via tablet



- customized, special solutions
rapid and uncomplicated realization of special customer requirements
- Fast response times and high availability
- Quick and flexible installation, service and repair by our trained service engineers
- Quality at it highest stage!



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