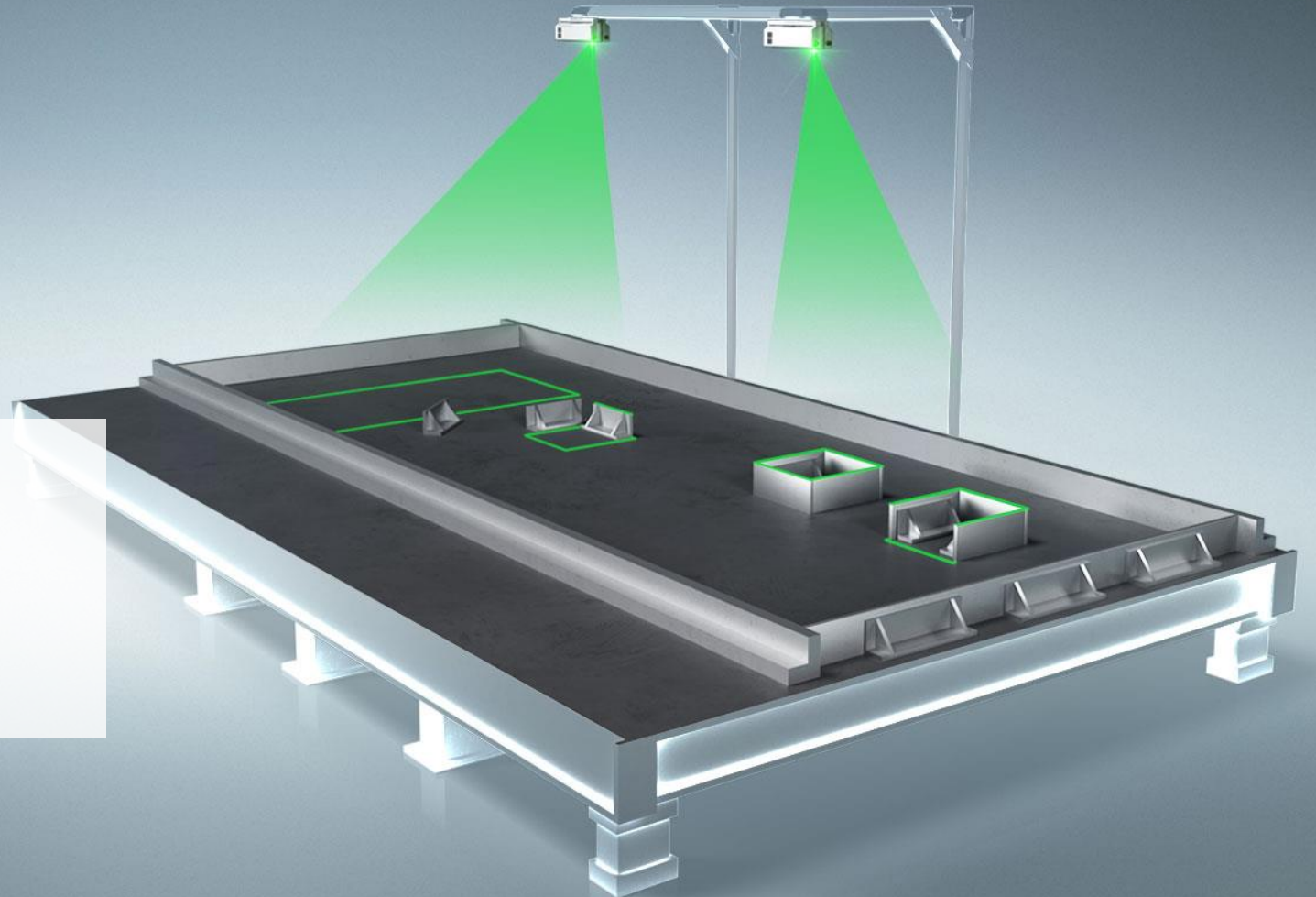


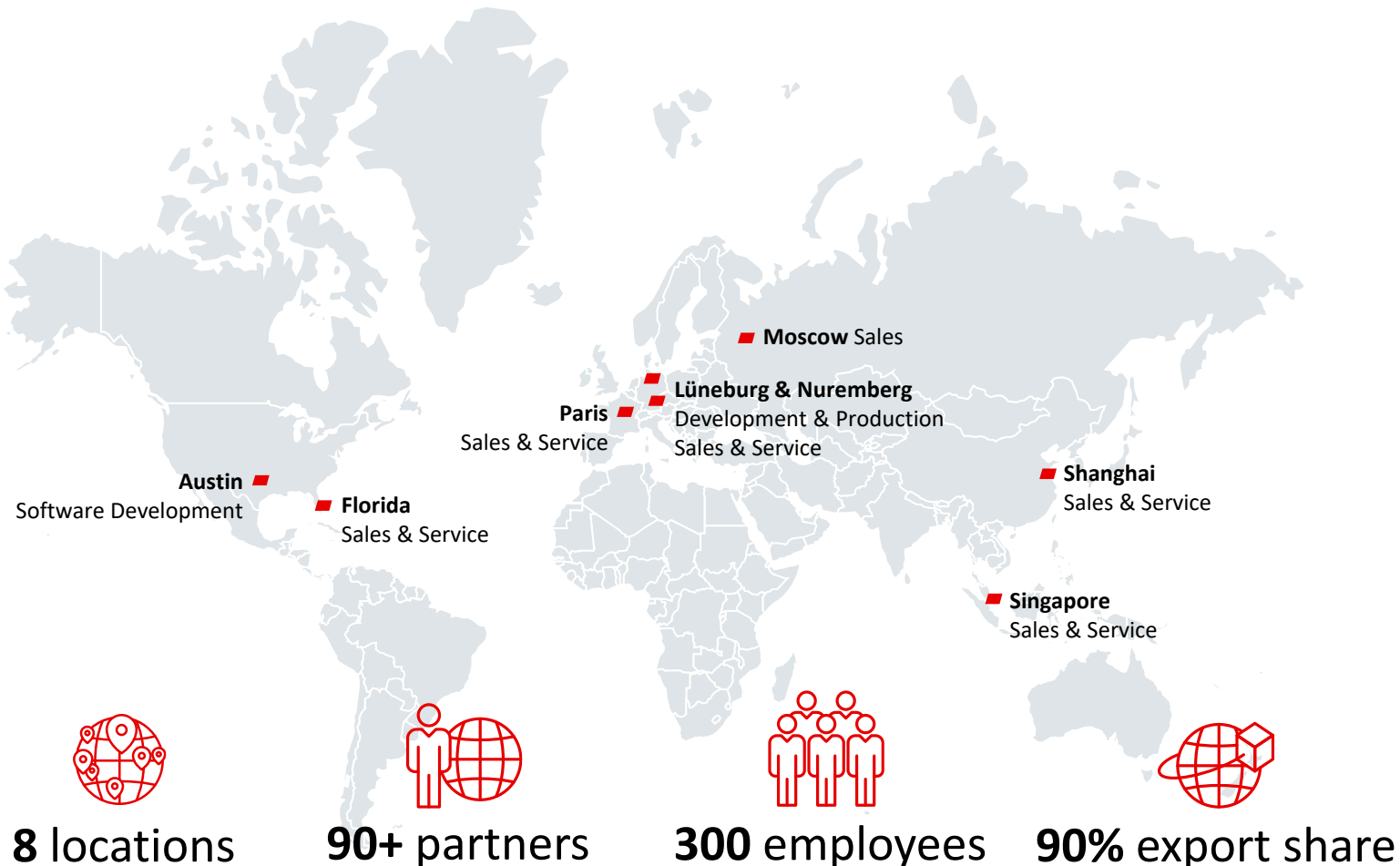


Boost efficiency with laser projection

Max Mandt-Merck / 15.11.2021



Who and Where we are



Challenges in precast element production

- Time
- Cost
- Quality
- Availability



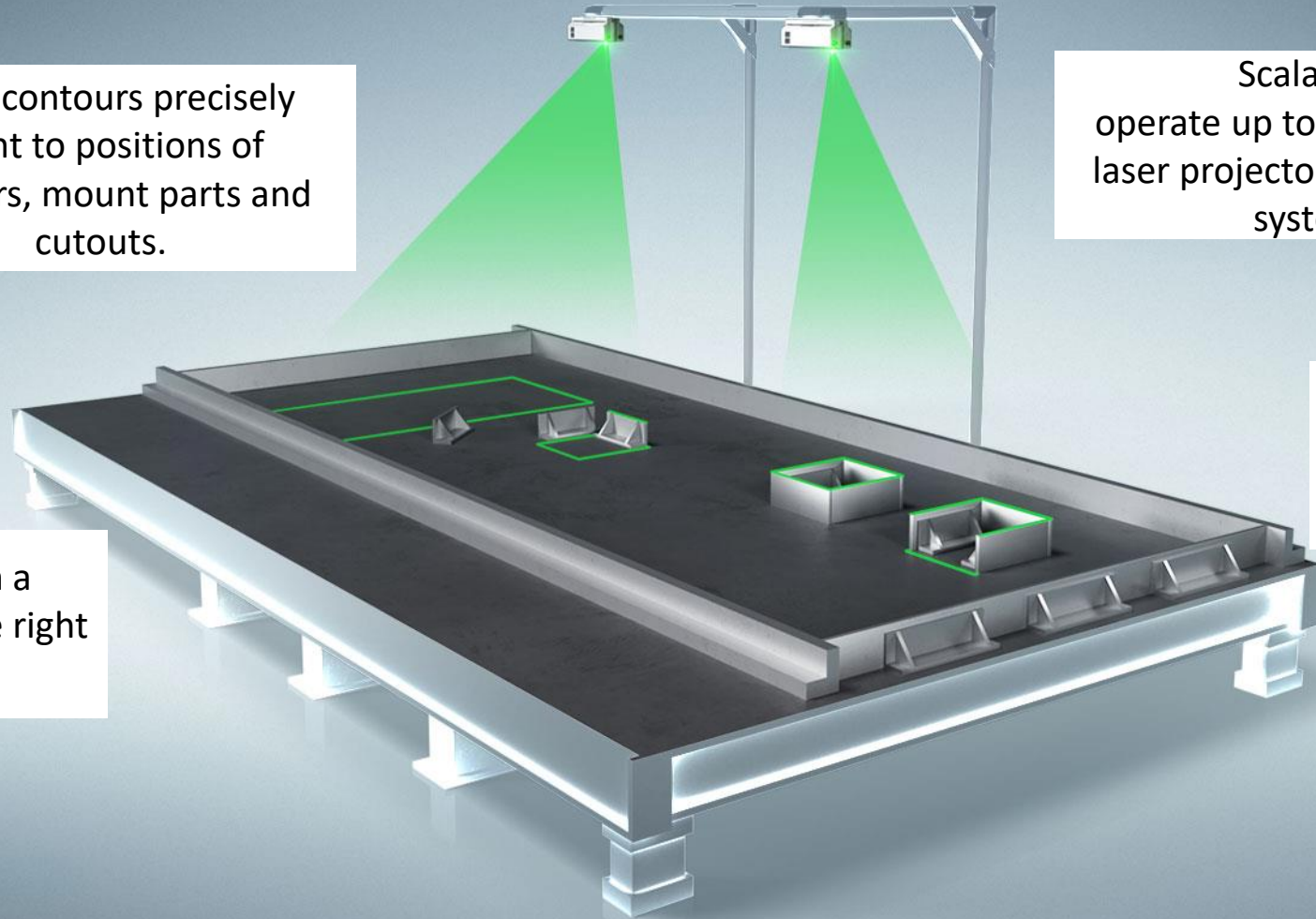
CAD-PRO Laser projection systems by LAP

Laser contours precisely point to positions of shutters, mount parts and cutouts.

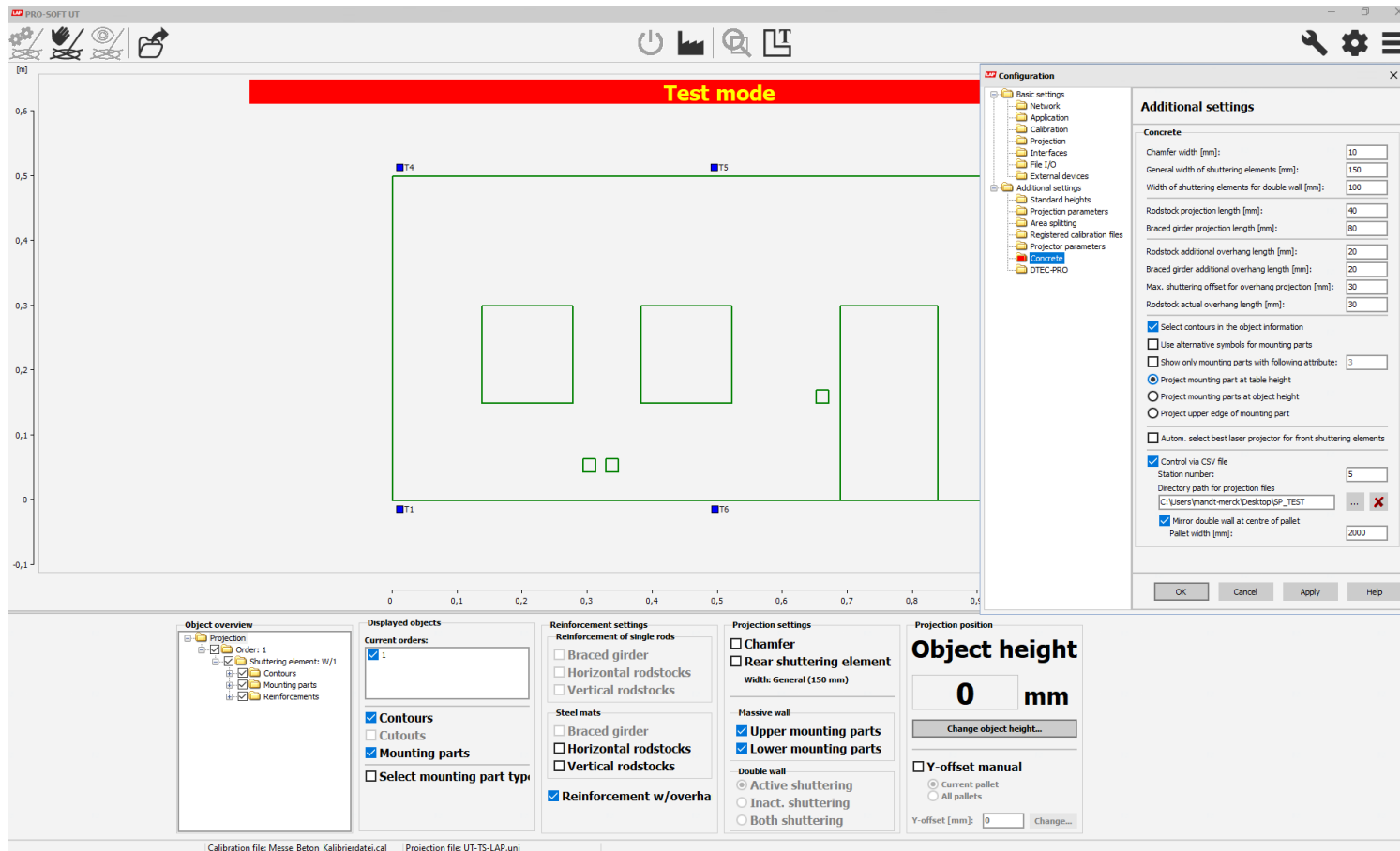
Scalable:
operate up to 16 CAD- PRO
laser projectors within one
system

Placement of parts within
projected contours

Place all elements in a
correct order and in the right
place



Software PRO-SOFT UT



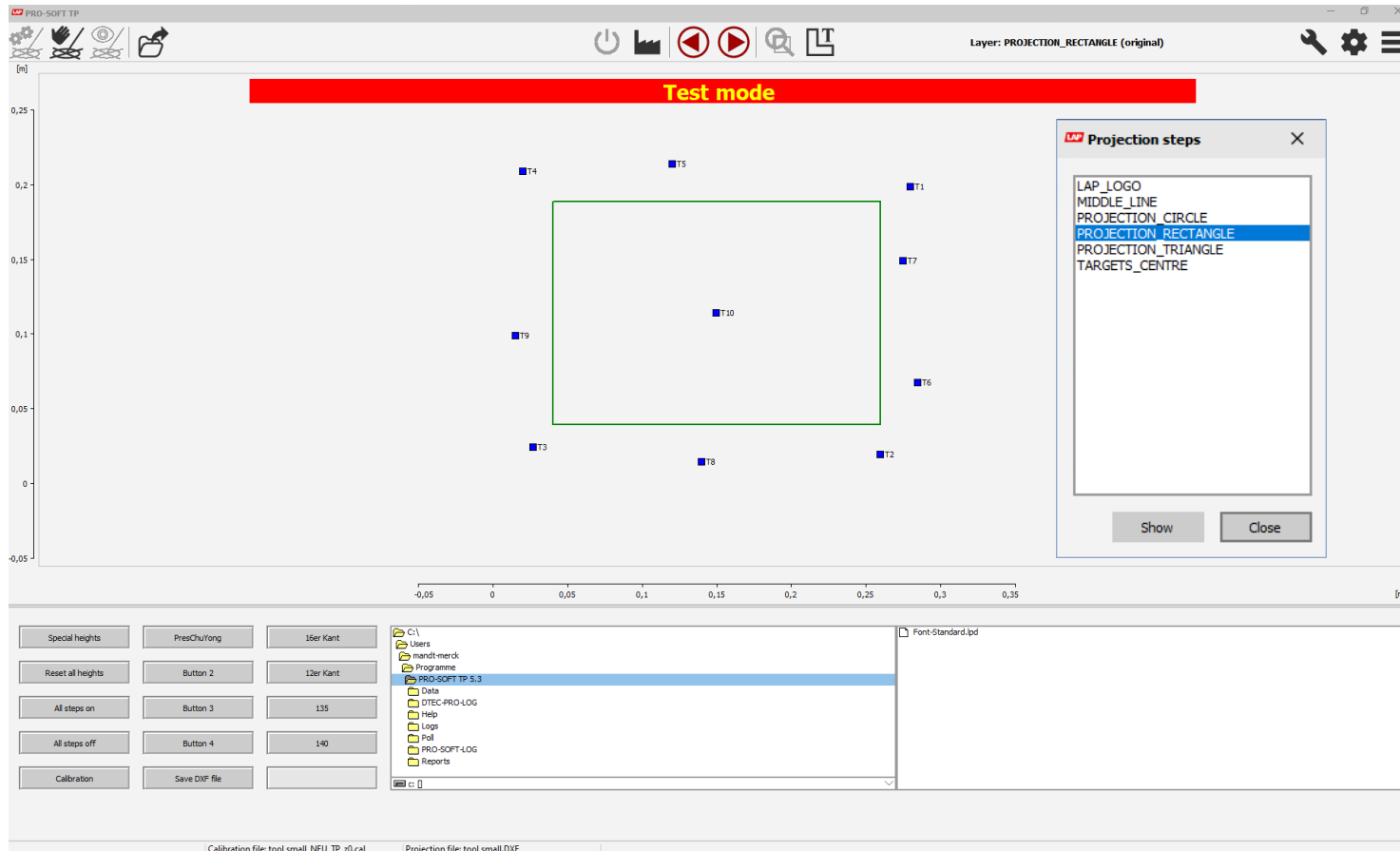
Supportes file formats:

- Unitechnik 4.0 – 7.0
- UXML

Compatible with all major master computer systems:

- Unitechnik
- RIB SAA
- Progress
- and others...

Software PRO-SOFT TP

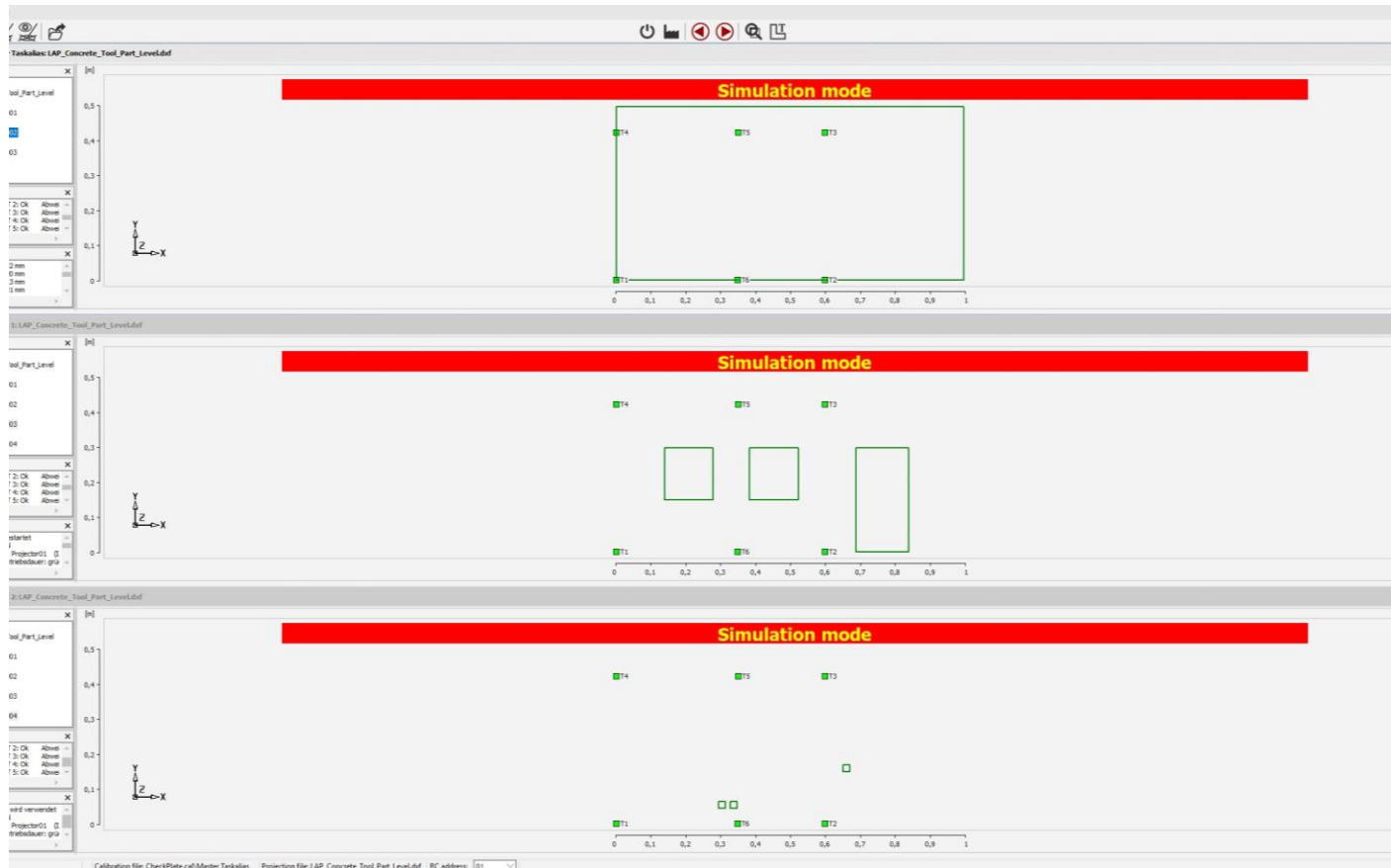


Support file formats:

- DXF
- HPGL
- further formats upon request

Software

PRO-SOFT MT



Supported file formats:

- DXF
- HPGL
- further files formats upon request

Sany Group Co., Ltd. China



Groothuisbouw, NL



Your benefits

Productivity Increased

- reduce setup times by up to 80 %
- work faster

Cost reduced

- produce more in less time

Customer requirements fulfilled

- meet your customer's requirements at millimeter precision

Quality enhanced

- Precise setup of pallets and tables



All production types

- Carousel plants
- Fixed/tilting tables or decks
- Double walls
- Ceiling elements
- Massive and sandwich walls
- Special parts
 - Support beams, stairs, balconies
 - ...and more...



Our network for you...

Unitechnik

RIB SAA

Cooperation with
all known
system partners
in the precast
element
industry!

Avermann
Maschinen-
fabrik

EBAWE

Sommer
Precast
Technology

Progress
Group

Ratec

Vollert

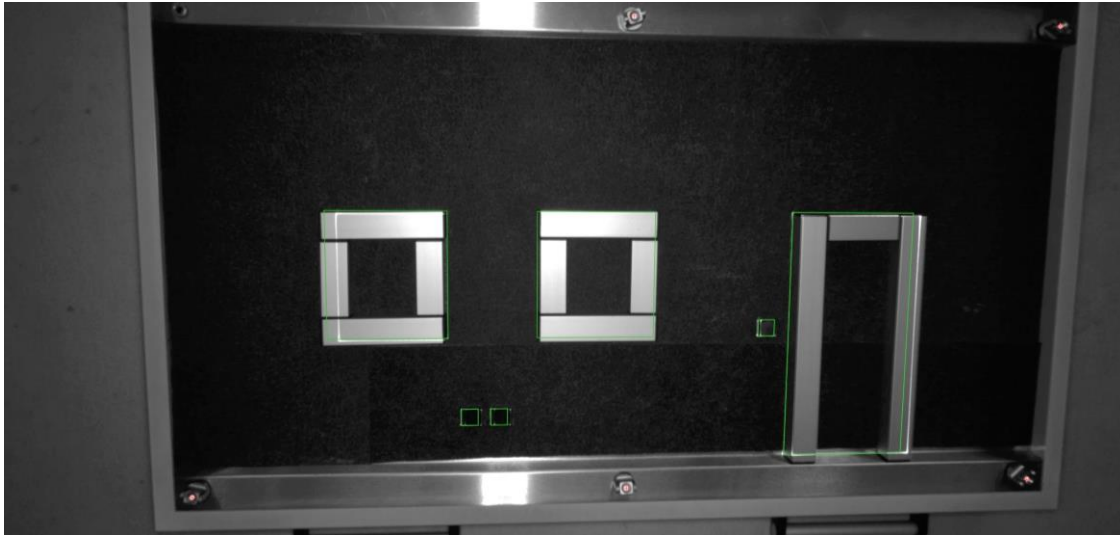
Weckenmann

... and many
more!

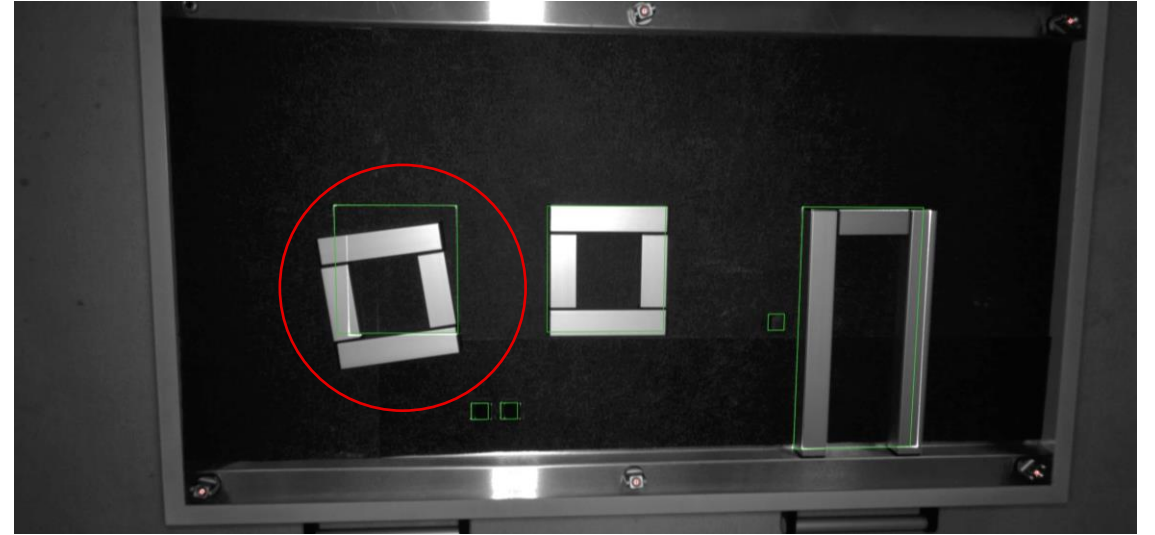
Contact us!

DTEC-PRO

NEW: Setup control by camera



- Control form setup prior to pouring the concrete



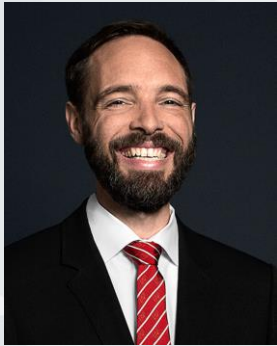
- Identify errors

DTEC-PRO

NEW: Quality assurance at the touch of a button



- High-contrast black & white
- Projected contours embedded
- Trigger pictures by remote control
- Data base link available for saving of pictures



**Thank you very much
for your attention!**

Max Mandt-Merck

Sales Manager

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M +49 173 6273595

E m.mandt-merck@lap-laser.com

www.lap-laser.com

LAP GmbH Laser Applikationen

Zeppelinstr. 23

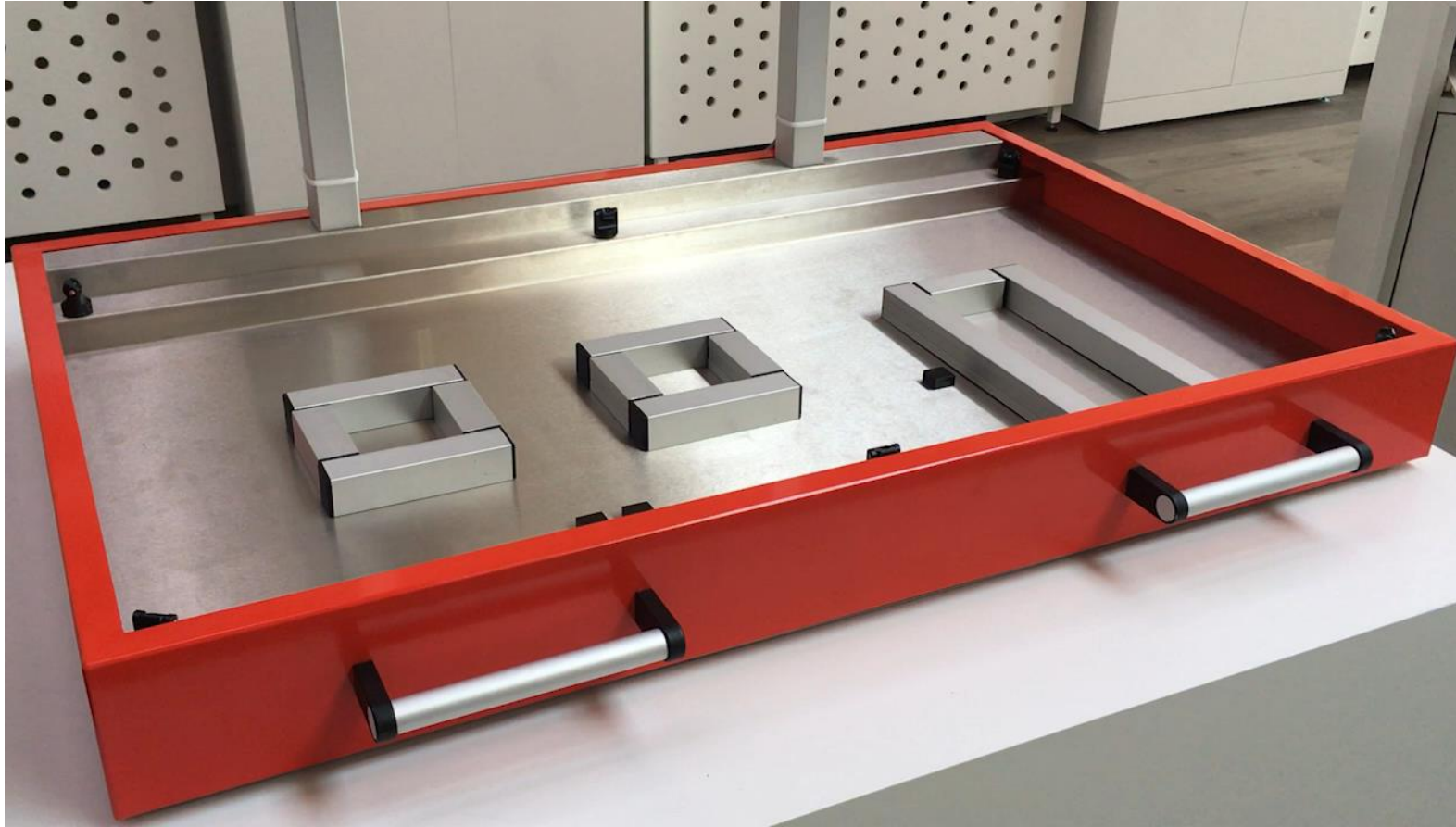
21337 Lüneburg, Germany

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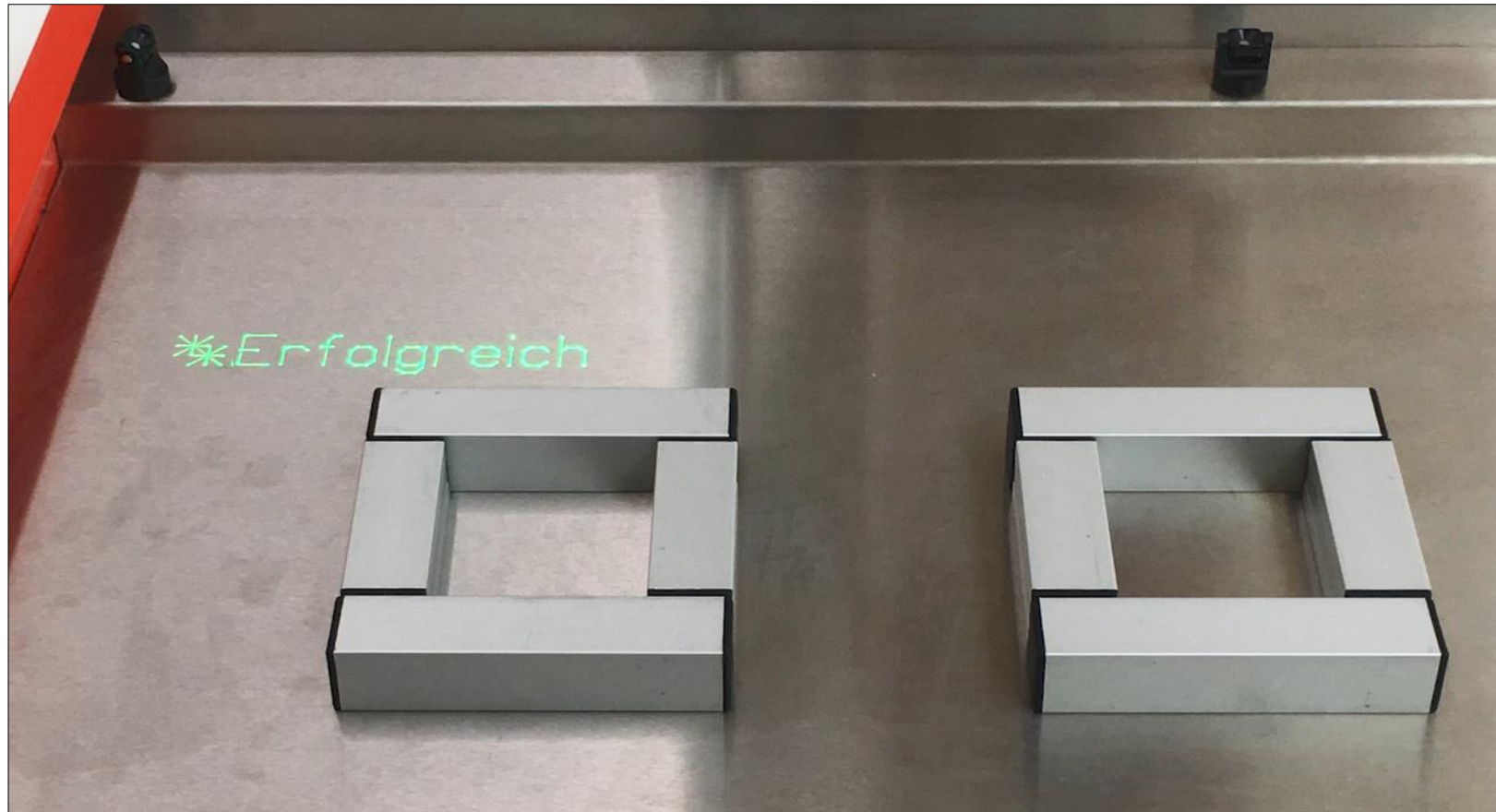
Kapitel: Thema der Folie

So funktioniert´s!

Laserprojektion im Einsatz



Laserprojektionsmenü



Auch das kann unser CAD-PRO Laserprojektionssystem!

Sie möchten Bewehrungen platzieren?

