



An evolution in productivity

# TruLaser 8000 Coil Edition

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INTERNATIONAL WROUGHT COPPER COUNCIL – March 4th 2025



# Best cost per part for series production

## TruLaser 8000 Coil Edition

> **Decoiler & Loading Station**  
Quick & easy coil loading

> **TruLaser System + TruDisk 8001**  
Proven and established technology

> **Automated Unloading Robot**  
Flexible gripper & easy programming

> **Conveyor System**  
Fast cycle time & scrap removal

> **Precision Leveler**  
Reproducible flatness for high part quality

> **Loop Station**  
Ensures quality & accuracy for start/stop operation



- + Up to 300% higher **productivity** through optimized material flow
- + About 15% lower **purchasing cost** for coil compared to sheet
- + As much as 15% **material & CO2 savings** due to 'infinite' nesting

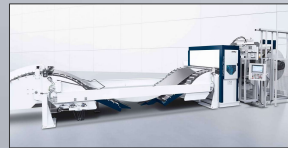
# System of proven and tested components

## TruLaser 8000 Coil Edition

TruLaser 3040 (L95)

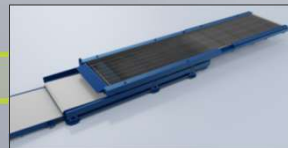


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Coil System

+



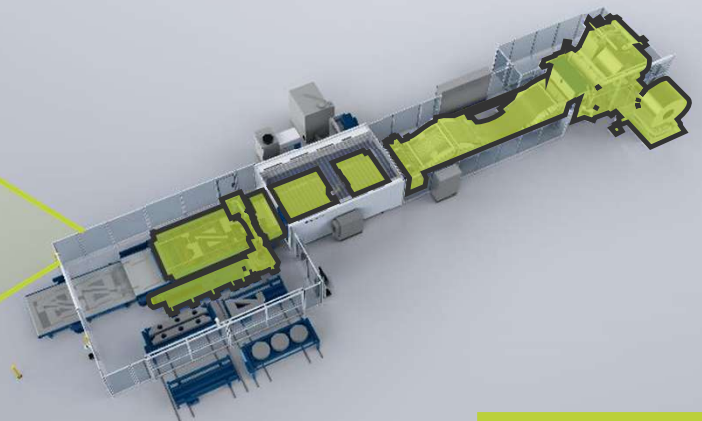
Conveyor

+



Unloading Robot

TruLaser 8000 Coil Edition (TC18)



.WORLDPREMIERE

- ✓ Proven **standard solution**
- ✓ Highly **dynamic**
- ✓ Contour flexibility

- + Increased **productivity**
- + Lower material **purchasing cost**
- + Improved material **utilization**

# Copper cutting package/brass cutting package



Do you want to cut non-ferrous metals reliably?



- + Cutting copper and brass with process reliability
- + Cutting copper with nitrogen
- + Nitrogen machining of copper up to 5 mm retains the conductivity of the parts without reworking

# Satisfied customers in many different industries – Pay them a visit!

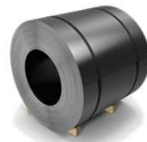
## TruLaser 8000 Coil Edition

### Expanding Steel Service Center

- **Vertical integration**, offer pre-cut blanks additionally to portfolio of sheet-material
- Reduction in **tooling cost** and optimized material use compared to press line



- Productivity: **2-3x more parts p.a.** compared with standard systems
- **> 1.000 t scrap** saving p.a.



Mild steel & aluminum up to 4 mm  
Various different customer parts

### Heating / ventilation company

- **High level of part flatness** to minimize cost in downstream processes
- Produces **50% parts, 50% pre-cut sheets** for following processes



- Cost savings per year of **~1,4 Mio. €**
- Equals **2.000 t** scrap saved p.a.
- Up to **5x more parts p.a.** compared to standard systems



Up to 4 mm stainless  
Heat exchangers

### Agricultural machinery maker

- Maximize **productivity per m<sup>2</sup>** in brownfield 3 shift production
- **Two robots** with unloading both into storage and directly into factory



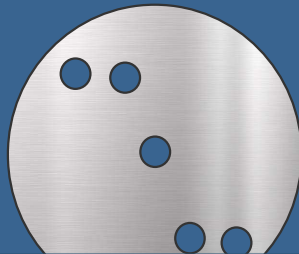
- Saving of **2.400 insertion trips** in storage
- A **20% reduction (1.000 t p.a.)** of scrap



2,5 mm mild steel  
Tractor cabin

# Large geometries & short cutting times enable quick amortization

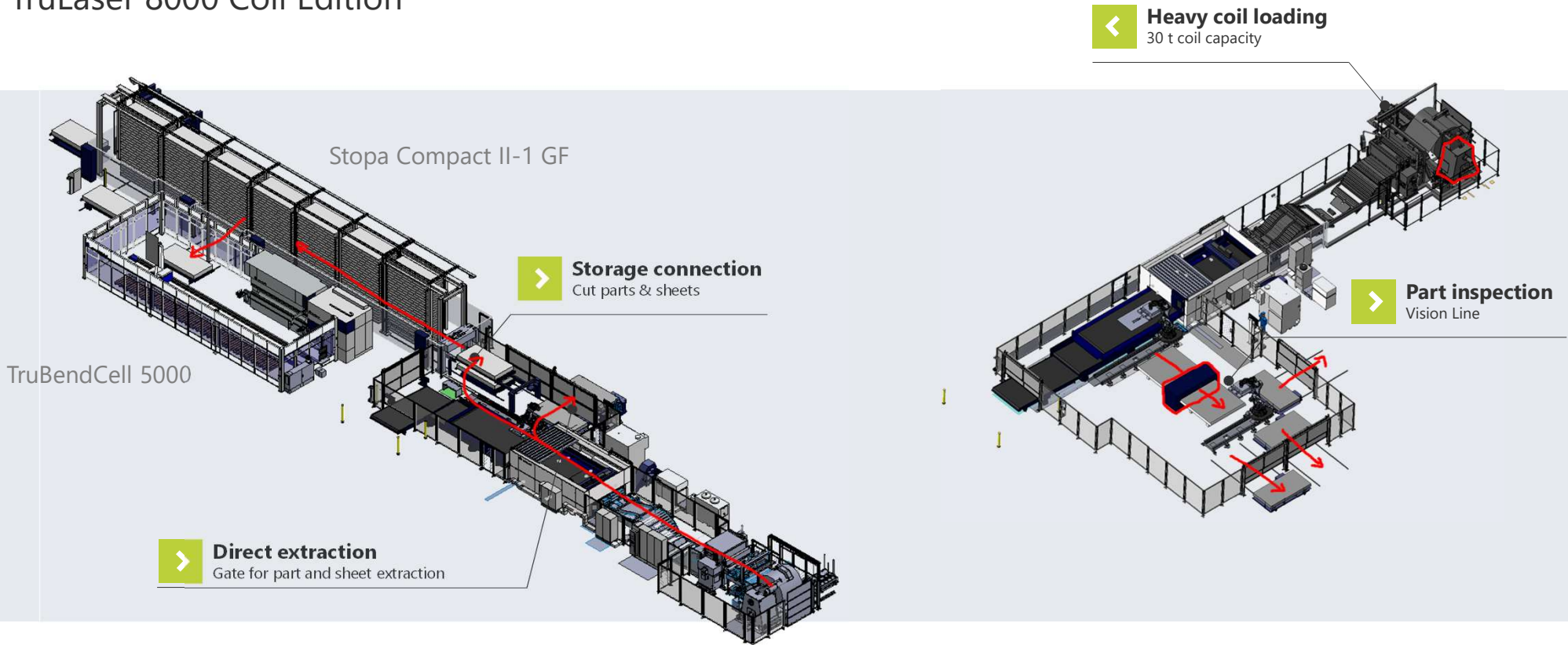
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Heating & Ventilation	Shelving	Agriculture	Electronics
500 x 500 mm	550 x 300 mm	300 x 200 mm	70 x 50 mm
4 mm Stainless Steel	2 mm Mild Steel	6 mm Mild Steel	0,4 mm Mild Steel
<b>High ROI</b>	<b>High ROI</b>	<b>High ROI</b>	<b>Other TRUMPF solution better suited</b>
<b>&gt;20 % Material Saved</b>	<b>&gt;20 % Material Saved</b>	<b>&gt;10 % Material Saved</b>	<b>~0 % Material Saved</b>

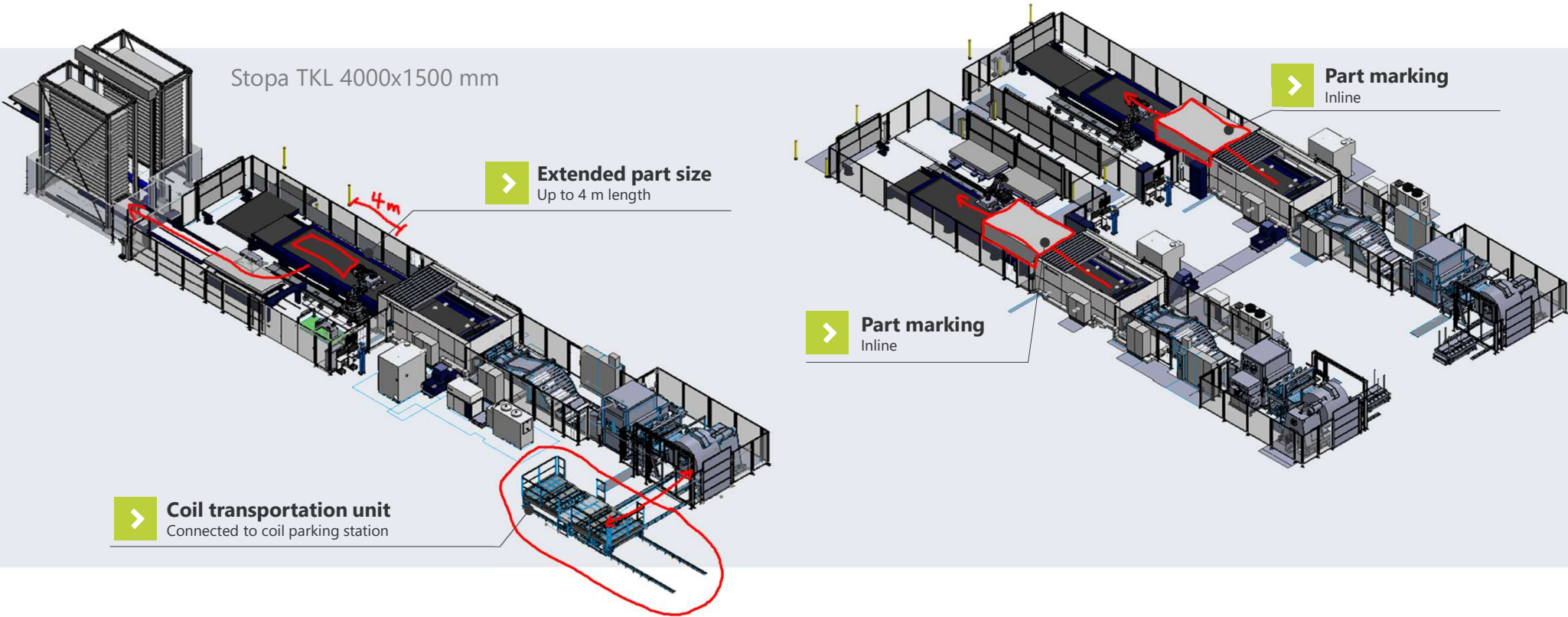
# Cutomization options to fulfill your specific requirements

## TruLaser 8000 Coil Edition



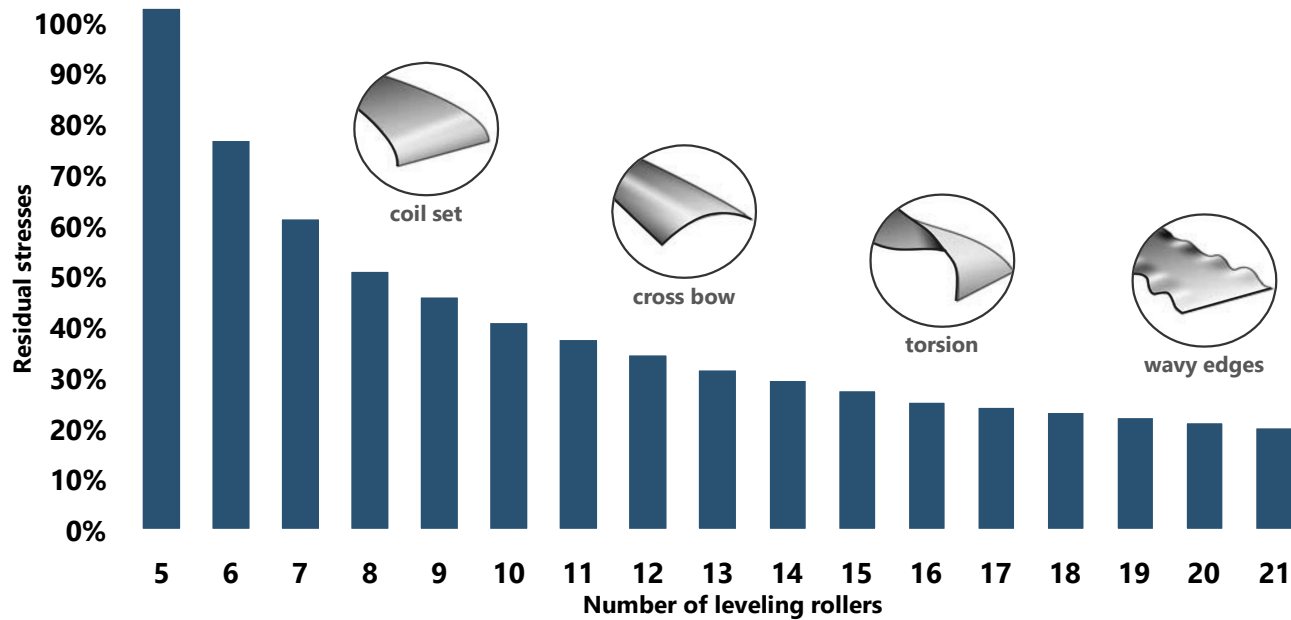
# Einige Beispiele von kundenspezifischen Anlagekonzepten

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# Impact of number of leveling rollers on stresses and coil defects

TruLaser 8000 Coil Edition



Suited for good raw material  
quality with little variations

For coils with more material defects, inner  
stress & higher variation in quality

# Different precision levelers for best part quality

The ARKU CoilMaster® and HiCap® series – Adaptable to your material requirements



## CoilMaster® 50/9 & 50/21

Entry level system for thin materials

- Material thickness 2-3mm
- 9 or 21 rollers



## CoilMaster® 70/17

The all-round leveling system

- Material thickness 4mm
- 17 rollers



## CoilMaster® 88/17 & 100/9

Powerful solution for thick materials

- Material thickness up to 8mm
- 9 or 17 rollers



## HiCap® 70 plus

Highly productive expert solution

- Material thickness up to 4mm
- 17 -21 rollers
- Cassette changing system

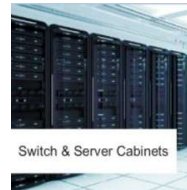
# Solution focused on MT & LT customers

TruLaser 8000 Coil Edition

## Current Projects



## Industries



## Potential Customers

- E.g. Product Shops**
- Loyal users of TruLaser sheet systems
  - Increases in production intended
  - Small & medium series

- E.g. OEM & Tier-One**
- Punch press users
  - Series start-up, phase outs, spare parts
  - Increasing variety & flexible quantity





Thank you.

**Contact person**

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