

**NEW**

# E-Cell

**Powder Press System  
with integrated Automation**



# The new LAUFFER E-Cell Powder Press System with integrated Automation

Models & Details	Unit	12
<b>1. UPPER LEVEL</b>	<b>X1</b>	
Pressing force, max.	kN	120
Speed, max.	mm/s	300
Stroke, max.	mm	110
<b>DIE PLATEN</b>	<b>Y0</b>	
Counter force	kN	80
<b>1. LOWER LEVEL</b>	<b>Y1</b>	
Pressing force, max.	kN	120
Speed, max.	mm/s	100
Stroke, max.	mm	130
<b>CORE ROD</b>	<b>Y5</b>	
Pressing force, max.	kN	40
Short-term pressing force	kN	60
Speed, max.	mm/s	100
Stroke, max.	mm	150
<b>POSITION ACCURACY</b>		
Upper levels	mm	± 0,001
Lower levels	mm	± 0,001
<b>REPEATABILITY</b>		
Upper levels	mm	± 0,001
Lower levels	mm	± 0,001
<b>SET-UP ON FLOOR</b>		✓

## The E-Cell at a glance:

- Ejection press system for compacting and handling carbides, ceramics and metal powders
- Fully integrated press system with robot-based parts handling
- Highly energy efficient and maximum precision
- High productivity with integrated cleaning functions
- LAUFFER control unit and software

