

## TSA

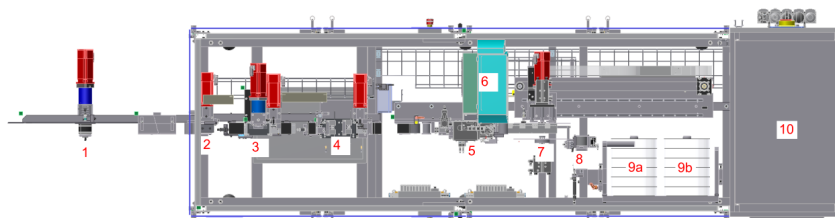
### Ticket punch– and coding machine



The process from wide-rolls including automatic change of rolls for small rolls allows up to 3 hours running time totally operator-independent .

<b>Products</b>	Parking tickets for automatic time registration
<b>Formats</b>	Wide rolls max. Ø 800 mm Small rolls max. Ø 280 mm
<b>Ticket</b>	Width ~ 50 mm (other widths up-on request possible)
<b>Coding</b>	variable coding acc. to your needs (various coding styles possible)
<b>Operator</b>	~ 5 minutes per wide roll (comply approx. 10 small rolls)
<b>Output</b>	~ 12'000 tickets / hour
<b>Change-over time</b>	3 - 5 minutes (Wide roll- and small roll's changing)
<b>Technical data</b>	dimensions 4'450 x 1'200 x 2'000 mm (L x W x H) weight ca. 1'000 kg

### Operating process



**All common codings can be realized with the TSA machine.**  
**The integrated control ensures a fully 100% faulty control.**

- 1 Unwinder unit for wide paper reel
- 2 Automatic feed with dancer roller
- 3 Punching unit 1 for fixed coding
- 4 Punching unit 2 for variable coding
- 5 Roll cut- and label station for roll-changing
- 6 Label printer incl. automatic put-on station
- 7 Re-coil station for small rolls
- 8 Hopper for roll-cores with automatic change
- 9a Outfeed for small rolls
- 9b Outfeed for small rolls
- 10 Electric cabinet with control panel

### Interesting features

- Processing of wide rolls to small rolls
- Long process time without need of operator
- Automatic roll-changing for small rolls
- Automatic labeling with variable imprint
- Separation of fixed and variable coding process
- Automatic ticket– and coding control
- Automatic control for splice-sections off wide rolls
- Optimized use of wide rolls by end-to-end connection to following wide roll
- Simple input by menu structure at the terminal
- Central job-management for a number of machines
- Very high life-time of punching tools
- **3 years guarantee**