



Mühlbauer

High Tech International

Mühlbauer ID Services GmbH

Test equipment of machine-readable passports (MRP) and identification cards (ID)

Technical Documents

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Disclaimer and Non-disclosure

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Document History

Version	Name	Description	Date
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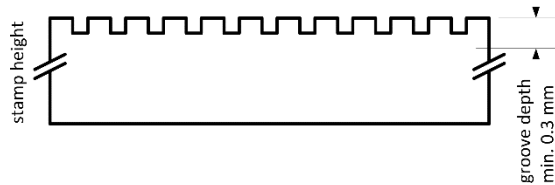
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1 Technical Documents

1.1 PPT 2018 I

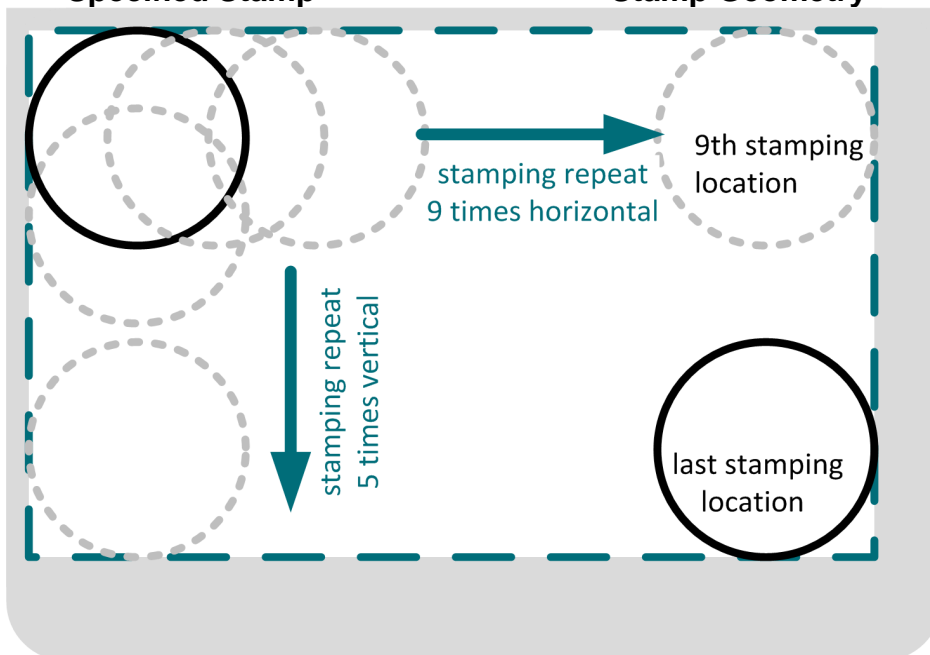
1.1.1 Basis PPT 2018 I; Impact Stress

The newest generation of passport test systems supports the production quality monitoring. This stress method applies a certain force to the sample to simulate stamping of the document at a border control point. The test has to be made with an opened passport to simulate the stamping process at the border control.



Impact Pattern Resulting from Specified Stamp

Stamp Geometry



Impact Stress Apparatus Illustration

Technical Data

- Power supply: 110-230 V, AC, $\pm 10\%$, N, 50 / 60 Hz, approx. 300VA
- Connector



Europlug CEE 7/16

- **Dimensions PPT 2018 I**
 - Height: 3295 / 590 mm
 - Length: 585 mm
 - Depth: 555 mm
 - Weight: approx. 38 kg
- **Test procedure according ISO/IEC 18745-1:2018**
 - Stamp geometry with special geometry
 - High from where the impact stamp drops down between 9 cm and 11 cm
 - The product $P = H * M$ has a value of 0.02 kg m
 - The test is conducted on the first visa page in a passport.
- **Tester Data**
 - Number of cycles adjustable from 1 to 50,000
 - passports concurrent inside of tester 1 pieces

1.1.2 Documentation

Operating instructions in English language will be provided.

- If the machine is intended for an EU member state, operating instructions in the national language (other than English or German) are available on request, in accordance with the Directive 2006/42/EC on machinery.

The operating instructions contain information about:

- Safety
- Operation
- Service

1.2.2 Documentation

Operating instructions in English language will be provided.

- If the machine is intended for an EU member state, operating instructions in the national language (other than English or German) are available on request, in accordance with the Directive 2006/42/EC on machinery.

The operating instructions contain information about:

- Safety
- Operation
- Service

2 Services

Service nowadays is much more than just repair: With more and more complex production processes, services have to be comprehensive and support each phase of a product life cycle.

With Mühlbauer's scalable service, we can offer the customer an individualized service concept from a single source that meets individual requirements and satisfies the growing demands of today's production.

2.1.1 Delivery

All technical units will be gathered to boxes in a reasonable way to make the logistical requirements between dispatch and arrival as effective as possible.

Position	Short Description of proposed configuration	Units	Comment
1	Delivery: <ul style="list-style-type: none"> INCOTERMS 2020 - DAP, 42 A. Pushkin str., Chisinau municipality, Moldova. 	1	

2.1.2 Implementation / Training Services

Implementation and Training Services (Remote)

Position	Short Description of proposed configuration	Units	Comment
1	Implementation and Training Services (Remote)	1 day	

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