

## Technical specifications

[This table shall be filled in by the tenderer in columns 2, 3, 4, 6, 7, and by the contracting authority - in columns 1, 5]

**Procurement procedure number:** The information can be found in SIA RSAP.

**Purpose of the purchase:** Two-row specialized equipment for applying thermal transfer foil to registration plates

Name of goods/ services	Name of the model of goods/ services	Country of origin	Manufacturer	Full technical specification required by the contracting authority	Full technical specification proposed by the tenderer	Reference standards
1	2	3	4	5	6	7
<b>Goods/services</b>						
Two-row specialized equipment for applying thermal transfer foil to registration plates	<b>Hot stamping machine DS ECO</b>	<b>Poland</b>	<b>Utal Sp. z o. o.</b>	<b>Technical Requirements:</b> Type of equipment : electric Power consumption under normal operating conditions: maximum 1.5 kW Operating temperature : 200 – 225 °C Heating time to reach operating temperature : maximum 30 minutes Cooling time : maximum 30 minutes Power supply : 230VAC± 10%, 50Hz. Production capacity : minimum 500 plates* per hour * Dimensions of the plates in accordance with the applicable standard SM	Technical descriptions, requirements, parameters: <ul style="list-style-type: none"> <li>• Type electric;</li> <li>• Max. power consumption (during warm-up): 1.47kW</li> <li>• Power consumption during steady operation 0,54 kW</li> <li>• Power consumption in ECO mode 0,33 kW.</li> <li>• Operating temperature : 170 – 225 °C</li> <li>• Heating time to reach operating temperature: 20 minutes; Heating time from stand-by mode 120°C÷200°C: 7 minutes;</li> <li>• Cooling down time to stand-by mode 200°C÷120°C: 25 minutes;</li> <li>• Power supply: 230 V/50 Hz,</li> <li>• Production capacity: 850 plates per hour;</li> </ul>	<ul style="list-style-type: none"> <li>• EC Machinery Directive 2006/42/EC</li> <li>• EC Electromagnetic Compatibility Directive 2014/30/EU</li> <li>• EN ISO 12100:2010 - Safety of Machinery - Basic Concepts,</li> <li>• General Principles for Design – Risk Assessment and Risk Reduction</li> <li>• EN ISO 13857:2008 - Safety Of Machinery - Safety Distances to Prevent Hazard Zones Being Reached by Upper And Lower Limbs</li> <li>• EN 349:1993+A1:2008 –</li> <li>• Safety of machinery - Minimum</li> </ul>

				<p><b>122:2024 „ Road vehicles. Registration plates for motor vehicles and trailers „: 512 mm x 112 mm ; 245 mm x 134 mm; 340 mm x 204 mm; 280 mm x 204 mm;</b> Thermal transfer foil width: 230–250 mm</p> <p><u>Equipment dimensions and weight:</u></p> <ul style="list-style-type: none"> <li>- Length: maximum 1200 mm</li> <li>- Width: maximum 400 mm</li> <li>- Weight: up to 120 kg</li> </ul> <p>The equipment must be equipped with clearly visible and accessible controls and indicators:</p> <ul style="list-style-type: none"> <li>- Power indicator</li> <li>- Temperature indicator</li> <li>- Temperature adjustment</li> <li>- Speed adjustment</li> <li>- Pressure adjustment (pressing)</li> <li>- Power button/switch</li> <li>- Thermal transfer foil tension adjustment</li> </ul> <p><u>Safety features:</u></p> <ul style="list-style-type: none"> <li>- Protection of personnel from heated equipment elements</li> <li>- Overheating protection of the equipment</li> </ul> <p><b>Warranty period:</b> minimum 12 months from the date of signing of the Act of Delivery -receipt of the Goods.</p> <p><b>Settlement of warranty cases:</b> during the warranty</p>	<ul style="list-style-type: none"> <li>• Dimensions of the plates in accordance with the applicable standard SM 122:2024 „ Road vehicles. Registration plates for motor vehicles and trailers „: 512 mm x 112 mm ; 245 mm x 134 mm; 340 mm x 204 mm; 280 mm x 204 mm;</li> <li>• Thermal transfer foil width: 240 mm.</li> </ul> <p><u>Equipment dimensions:</u></p> <ul style="list-style-type: none"> <li>- Length: 1 100 mm;</li> <li>- Width: 400 mm;</li> <li>- Weight: 109 kg.</li> </ul> <ul style="list-style-type: none"> <li>• The equipment include equipped with clearly visible and accessible controls and indicators:</li> <li>- Power indicator;</li> <li>- Temperature indicator;</li> <li>- Processor-based temperature controller</li> <li>- Speed adjustment: hot-stamping speed controller;</li> <li>- Pressure adjustment (pressing);</li> <li>- Main power switch processor-based temperature controller;</li> <li>- Main power switch;</li> <li>- Power button/switch machine switch - START (green);</li> <li>- Thermal transfer foil tension adjustment; thermal transfer film unwinder axis;</li> <li>- Timer switch,</li> <li>- Machine switch - STOP (red).</li> </ul> <p>The device also contain safety features:</p> <ul style="list-style-type: none"> <li>- Protection of personnel from heated equipment elements</li> <li>- Overheating protection of the equipment</li> </ul>	<ul style="list-style-type: none"> <li>• gaps to avoid crushing of parts human body,</li> <li>• EN 60204-1:2006/AC:2010 – Safety of machinery – Electrical equipment of machines – Part 1: General Requirements.</li> <li>• EN 61000-6-2:2005/AC:2005</li> <li>- Electromagnetic compatibility (EMC) - Part 6-2: Generic standards - Immunity for industrial environments</li> <li>• EN 61000-6-4:2007/A1:2011</li> <li>- Electromagnetic compatibility (EMC) - Part 6-4: Generic standards</li> <li>- Emission standard for industrial environments.</li> </ul>
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TOTAL						

Date: 18.07.2025

Signed:  UTAL SP. Z O.O. Name, Surname: Ella Lwowska - Saif As: Team leader

Tenderer: Utal Sp. z o.o. Address: Katarzynska 9, Gruszczyn, 62-006 Kobylnica, Poland

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