



PRODUCT CERTIFICATION  
BODY

**CEPROM<sup>®</sup> S.A.**

440237 Satu Mare, Bd. Lucian Blaga 41, Romania  
tel. +40.0361.804795; fax +40.0361.804796  
www.ceprom.ro; e-mail: ceprom@ceprom.ro

# CERTIFICATE OF CONFORMITY

No. 179-CI-32012

Technical File no. 179-CI-32012/GC-2012001-A1

<b>Applicant:</b> <b>GREAT COMPUTER CORP.</b> 4f., No.236, Fu-De 2nd Rd., Hsi Chih Dist., New Taipei City 221, Taiwan.	<b>Manufacturer:</b> <b>GREAT COMPUTER CORP.</b> 4f., No.236, Fu-De 2nd Rd., Hsi Chih Dist., New Taipei City 221, Taiwan.
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## Description of product:

Machine type: **LASERPRO LASER ENGRAVER**

Model: **SPIRIT, SPIRIT LS, SPIRIT GLS**

Reference standards: **EN ISO 12100:2010, EN ISO 11553-1:2008,  
EN 60204-1:2006+A1:2009.**

Based on our assessment we confirm that the Technical File of the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

**Machinery Directive 2006/42/EC**  
**Low Voltage Directive 2006/95/EC**

The CE mark as show joined can be used, under the responsibility of the manufacturer or the importer, after completion of the CE Declaration of Conformity and in accordance with the above directives.



This certificate is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

Maintaining certification is based on compliance with the requirements of certification contract.

**Annex: Product identification – 1 page**

**Issuing Date: 10.02.2012**

**Expiry Date: 09.02.2017**



**EUROPEAN UNION**

Satu Mare, Romania

**GENERAL MANAGER**  
*eng. Cristian SOPONOȘ*



**CEPROM-CERT Manager**  
*eng. Vasile ZELE*

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**ANNEX**

*to the Certificate of Conformity nr.179-CI-32012.*

**PRODUCT IDENTIFICATION**

**The Product:**

**LASERPRO LASER ENGRAVER**

\*model:

**SPIRIT, SPIRIT LS SPIRIT GLS**

\*manufactured by:

**GREAT COMPUTER CORP.**

\*headquarters address:

**4f., No.236, Fu-De 2nd Rd., Hsi Chih Dist., New Taipei City 221, Taiwan.**

\*place of manufacture:

**4f., No.236, Fu-De 2nd Rd., Hsi Chih Dist., New Taipei City 221, Taiwan.**

\*domain of use:

*The product is used in product development in the printed circuit board(PCB) circuit production, all kinds of numbers, the recruit signs, and seal engraving of various fonts of various materials.*

\*constructive and functional characteristics:

		<b>U.M.</b>	<b>SPIRIT</b>	<b>SPIRIT LS</b>
Safety		-	Class 3R for red pointer	
Work Area		mm (in)	640x460 mm (25x18 in.); Extendable 740x460 mm (29x18 in.)	
Max. Part Size (WxLxH)	All doors closed	mm (in)	800x570x165 mm (31.5x22.4x6.5 in)	
	All doors open	mm (in)	680x∞x165 mm (26.8x∞x6.5 in.)	
Table Size		mm (in)	790x530 mm (31.1x20.9 in.)	
Dimensions (LxWxH)		mm (in)	1125x720x1005 mm (44.3x28.3x39.6 in)	
Laser Source		-	12 to 60 W Sealed CO <sub>2</sub> Laser	
Throughput		-	1584 cm <sup>2</sup> /h (245.5 in <sup>2</sup> /h)	1683 cm <sup>2</sup> /h (260.9 in <sup>2</sup> /h)
Throughput with SmartACT Enabled		-	1828.8 cm <sup>2</sup> /h (283.4 in <sup>2</sup> /h)	2078 cm <sup>2</sup> /h (322.1 in <sup>2</sup> /h)
Distance Accuracy		mm(%)	0.254 mm or 0.1% of move, whichever is greater	
Z-Axis Movement		-	Automatic	
Focus lens		-	Standard 2.0", optional 1.5", 2.5" & 4.0"	
Resolution (DPI)		-	125, 250, 300, 380, 500, 600, 760, 1000, 1500, 3000	
Computer Interface		-	Standard print port and USB port	Standard print port and USB2.0 port
Compatible Operating Systems		-	MS Windows	
Memory Buffer		-	32MB standard	
Electrical		Vca	100-240 Vca Auto Switching for 30W and below; 200-240 Vca Auto Switching for 40W and above models	
Power Consumption		W	700-3300	700-4400

**CEPROM-CERT Manager**

*eng. Vasile ZELE*

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**ANNEX**

*to the Certificate of Conformity nr.179-CI-32012.*

**PRODUCT IDENTIFICATION**

**The Product: LASERPRO LASER ENGRAVER**

\*constructive and functional characteristics:

	<i>U.M.</i>	<i>SPIRIT GLS</i>
<i>Safety</i>	-	<i>Class 3R for red pointer</i>
<i>Work Area</i>	<i>mm (in)</i>	<i>860x610 mm (34x24 in.); Extendable 965x610 mm (38x24 in.)</i>
<i>Max. Part Size (WxLxH)</i>	<i>All doors closed</i>	<i>1016x610x177 mm (40x24.4x7 in)</i>
	<i>All doors open</i>	<i>1016x∞x177 mm (40x∞x7 in.)</i>
<i>Table Size</i>	<i>mm (in)</i>	<i>1025x705 mm (40.3x27.7 in.)</i>
<i>Dimensions (LxWxH)</i>	<i>mm (in)</i>	<i>1365x880x1010 mm (53.7x34.6x39.7 in)</i>
<i>Laser Source</i>	-	<i>30 to 100 W Sealed CO<sub>2</sub> Laser</i>
<i>Throughput</i>	-	<i>1683 cm<sup>2</sup>/h (260.9 in<sup>2</sup>/h)</i>
<i>Throughput with SmartACT Enabled</i>	-	<i>2078 cm<sup>2</sup>/h (322.1 in<sup>2</sup>/h)</i>
<i>Distance Accuracy</i>	<i>mm(%)</i>	<i>0.254 mm or 0,1% of move, whichever is greater</i>
<i>Z-Axis Movement</i>	-	<i>Automatic</i>
<i>Focus lens</i>	-	<i>Standard 2.0", optional 1.5", 2.5" &amp; 4.0" available</i>
<i>Resolution (DPI)</i>	-	<i>Available 125, 250, 300, 380, 500, 600, 760, 1000, 1500, 3000</i>
<i>Computer Interface</i>	-	<i>Standard print port and USB2.0 port</i>
<i>Compatible Operating Systems</i>	-	<i>MS Windows</i>
<i>Memory Buffer</i>	-	<i>32MB standard</i>
<i>Electrical</i>	<i>Vca</i>	<i>Below 40Watt, 100-240 Volt AC Auto Switching; 40W att and above, 200-240 Volt AC Auto Switching</i>
<i>Power Consumption</i>	<i>W</i>	<i>2000-4400</i>

**Technical File content:**

- *General description of the machinery;*
- *General drawing and drawings of the control circuits;*
- *Full detailed drawings required to check the conformity;*
- *The documentation on risk assessment;*
- *The list of standards used;*
- *Technical report giving the results of the test;*
- *Instruction manual;*
- *Declaration of conformity;*
- *The internal measures implemented to ensure machinery conformity with MD.*

**CEPROM-CERT Manager**  
*eng. Vasile ZELE*

