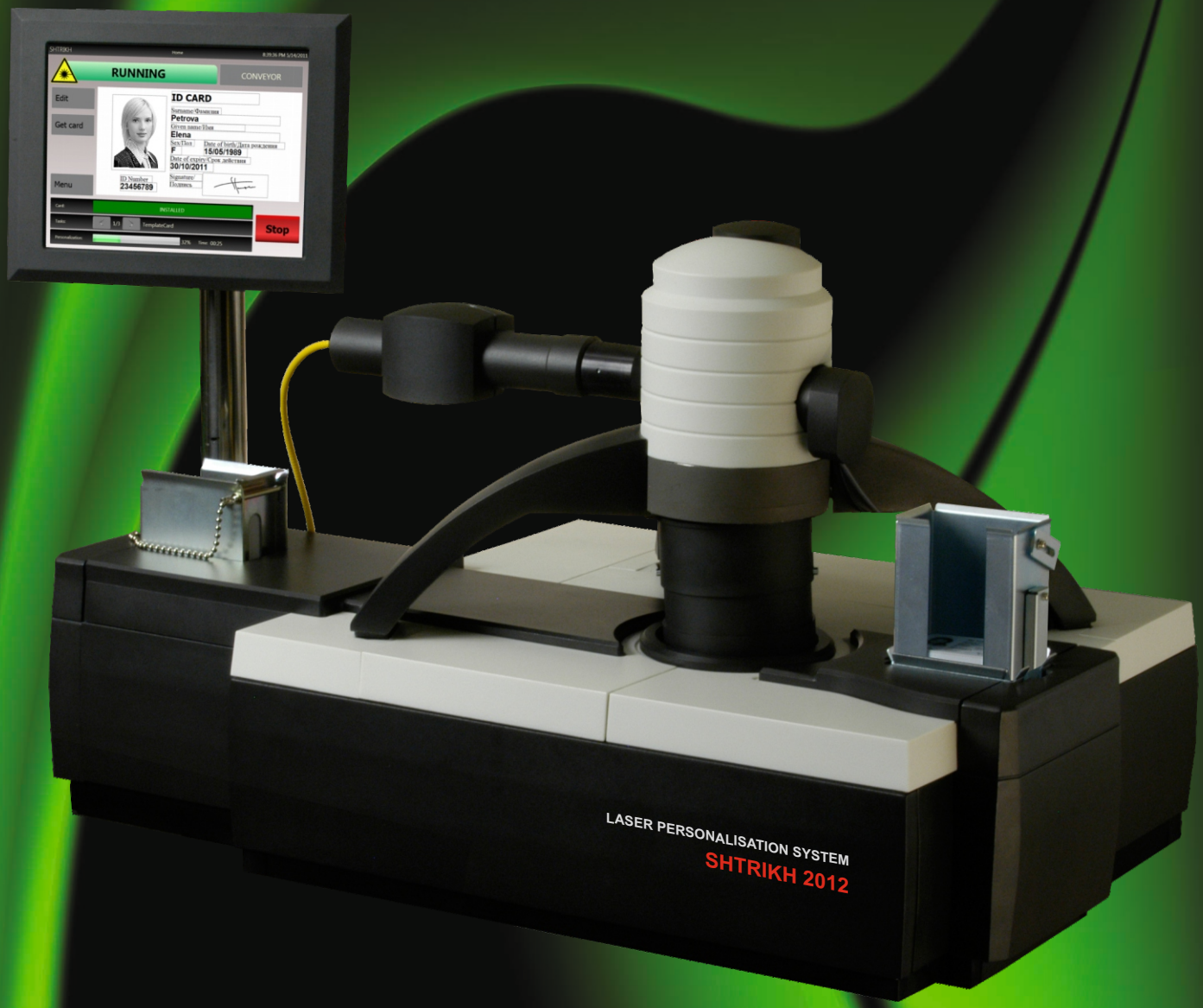
LASER PERSONALIZATION SYSTEM FOR ID-CARDS SHTRIKH 2012

LASER ENGRAVING AND CHIP ENCODING

FIBER LASER
HIGH IMAGE QUALITY
HIGH RELIABILITY



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LASER PERSONALIZATION SYSTEM SHTRIKH 2012

The system is developed for graphic and electric personalization of ID-cards. Laser engraving technique is used for graphic personalization. The newest laser system, based on reliable maintenance-free air-cooled fiber pulsed laser, provides high quality engraving of half-tone photo, text, logos, 2D codes and tactile marking. System also provides contactless encoding of microchip implanted into the card.

The system is equipped with bunker for blanks of plastic cards.

SPECIFICATIONS

Engraved area	90 mm x 60 mm
Fiber laser wavelength	1.05-1.07 μm
Maximal resolution	2000 dpi
Personalization time of one card	< 20 sec
Personalization time of microchip	< 40 sec
Blank bunker capacity	up to 300
Average power consumption	300 W
Dimentions:	
Personalization unit	830x480x510 mm
Control cabinet	210x470x545 mm

ID CARD

Surname/Фамилия
Petrova
Given name/Имя
Elena
Sex/Пол
F
Date of birth/Дата рождения
15/05/1989
Date of expiry/Срок действия
30/10/2011
ID Number
23456789
Signature/
Подпись

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