



POLAR-Mohr Maschinenvertriebsgesellschaft GmbH & Co. KG  
Author: Matthias Langer, Senior Product Marketing & PR Manager  
Phone: +49 (0) 6192 204.226, E-Mail: matthias.langer@polar-mohr.com

Hofheim, 09. February 2016

### 600th POLAR cutter in Russia installed at APD



*Dmitriy Samohvalov, Managing Director APD printshop*



*From left to right: Michail Myakishev, Head of Sales Commercial HD CIS, Dmitriy Samohvalov, Managing Director APD and Igor Egorov, Account Manager Heidelberg CIS*



*POLAR N 137 AT HD in operation*

**APD printshop, located in Nizhniy Novgorod, is the lucky user of the 600th POLAR cutter in Russia. The N 137 AT HD cutter enables further process automation and makes life easier for operator thanks to a 3D preview of the current job.**

The POLAR cutter was officially hand over to APD at a special customer tour in November 2015. Interested customer could see for themselves how easy it is to prepare and perform cutting programs thanks to, among other things, a 21.5 inch HD touchscreen featuring a 1920x1080 resolution and depicting production process in a 3D graphics mode. Additionally, all auxiliary functions are represented on screen with animated graphical icons which efficiently help the operator in selecting the job, especially in a hard case.

All this is extremely important when an automatic program is used based on prepress data and transferred to the cutter by the optional Compucut® system. Using data that determine the cut marks positions, Compucut® can create a cutting scheme in an instant and then automatically activate the appropriate functions that must be performed in each step of the process, including such actions as turning-on the blower, pushing the ream forward when switching from a smaller to larger format, or clamping the ream without applying a cut. The Compucut® software is used in the printshop for more than 6 years now and proved to be very efficient in serving another Polar Autotrim cutter, allowing to greatly reducing the set-up time.

The N 137 AT HD is the 25<sup>th</sup> Autotrim machine and the first one with an updated design and the new HD-display in Russia. During the live presentation, the Autotrim benefits were showcased — automatic taking away paper trimmings when applying a cut, reducing production times by 30%, and relieving operator's workload. In order to dispose of the waste, the table moves to the front by 80 mm,



## PRESS RELEASE

POLAR-Mohr Maschinenvertriebsgesellschaft GmbH & Co. KG  
Author: Matthias Langer, Senior Product Marketing & PR Manager  
Phone: +49 (0) 6192 204.226, E-Mail: [matthias.langer@polar-mohr.com](mailto:matthias.langer@polar-mohr.com)

opening a gap through which the waste falls down to the container below. The function is of particular importance in processing such small-size products as beer labels, flyers, business cards, etc., also in gang run jobs, which require a cutting-out to be made between the strips. Thus, everything what is needed to make life easier for operators and increase the equipment efficiency is being taken into consideration by Polar's engineers designing the cutters.

Dmitriy Samohvalov, the APD General Director, gave a tour to visitors guiding them through other working areas at the site. He repeatedly emphasized that comprehensive process automation was on primary focus, and a big success was achieved in implementing the task in the printshop. Based on Prinect solutions, the machinery and processes were interlinked to create an integrated workflow.

Number of words: 450

Number of characters: 2,769

### **Information on POLAR**

An independent family business, POLAR develops efficient solutions in the post-press branch and positions itself as a global, trend-setting technology company. The range of products includes components and systems for networking and automating various processes from loading, via jogging, cutting and die-cutting right through to unloading and banding. We have been producing cutting machines that are perfect for Print-on-Demand markets working with formats up to 46 x 64 cm under the MOHR brand since 2012. Another member of the POLAR Mohr group is Dienst Verpackungstechnik GmbH, a business producing components and systems for the automatic packaging of goods, primarily in the food industry.

Further information and images are available online at [www.polar-mohr.com](http://www.polar-mohr.com)