



What's New - SHOTS V5.1

Release Date: December, 2011

Version numbers and availability for operating systems

Product	Version	Win2000	WinXP	Vista*	Seven**
SHOTS	5.1	N/A	X	X	X
SHOTS Connected	5.1_C	N/A	X	X	X

* VISTA SP2 required

** Compatible with Windows 7- 32 and 64 bits

Table of Contents

Version numbers and availability for operating systems	1
New features	2
Heidelberg interface based on SM now available.....	2
Ink variability during printing.....	4
New paper grades available.....	4
Evolutions in the paper and ink management functions	5
Fountain ink levels now dynamically visible on the press.....	5
Ink and paper costs now calculated separately	6
Software key instead of Hardware key	6

Reminder of New Features in previous versions

Version 5.0 : Release date November 2010

- New languages available
- Customized configuration for both special inks
- New information on job setup console
- Educational server (distributed training, centralized supervision)
- User management function
- Simulator ready for Windows 7

Version 4.7 : Release date October 2009

- WorldSkills Calgary 2009 version
- Speech synthesis as option for all available languages
- Improvement of Ink profile management
- Separate Display for each Plate
- New tool for trainer: ASA module

- New tool for trainer: the USER report
- Two new print jobs available
- New information in trace report
- “Seeing” the trainee’s print copies
- Tracking the ink profile changes
- Color control and production information

New features

Heidelberg interface based on SM now available



The SHOTS pressroom with the new Heidelberg interface as used at the WorldSkills competition in London 2011



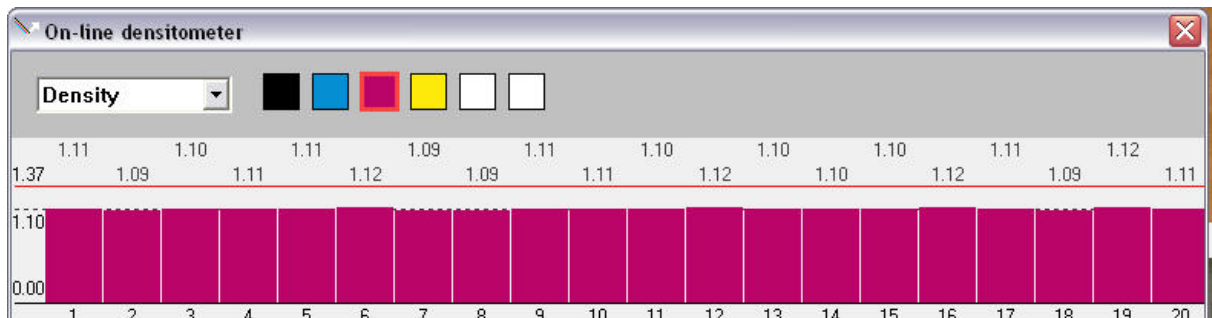
The print jobs and exercises from the WorldSkills London 2011 are available in this release.

Note: the previous generic interface for SHOTS is still available and the exercises are fully compatible with both press configurations.

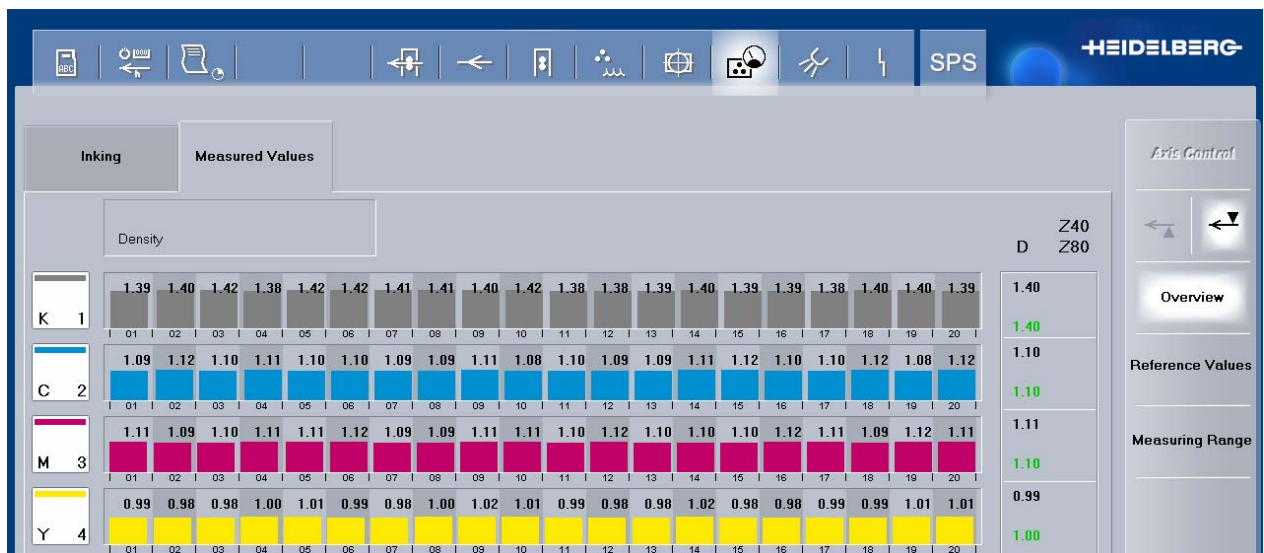
Ink variability during printing

Every one knows that ink density changes during printing. To better reflect this, the ink density can now show slight variations, while staying within the accepted tolerances. Thus, the ink profile given by the online densitometer is more realistic as shown here for the online densitometers of both interfaces:

Generic interface:



Heidelberg interface :



New paper grades available

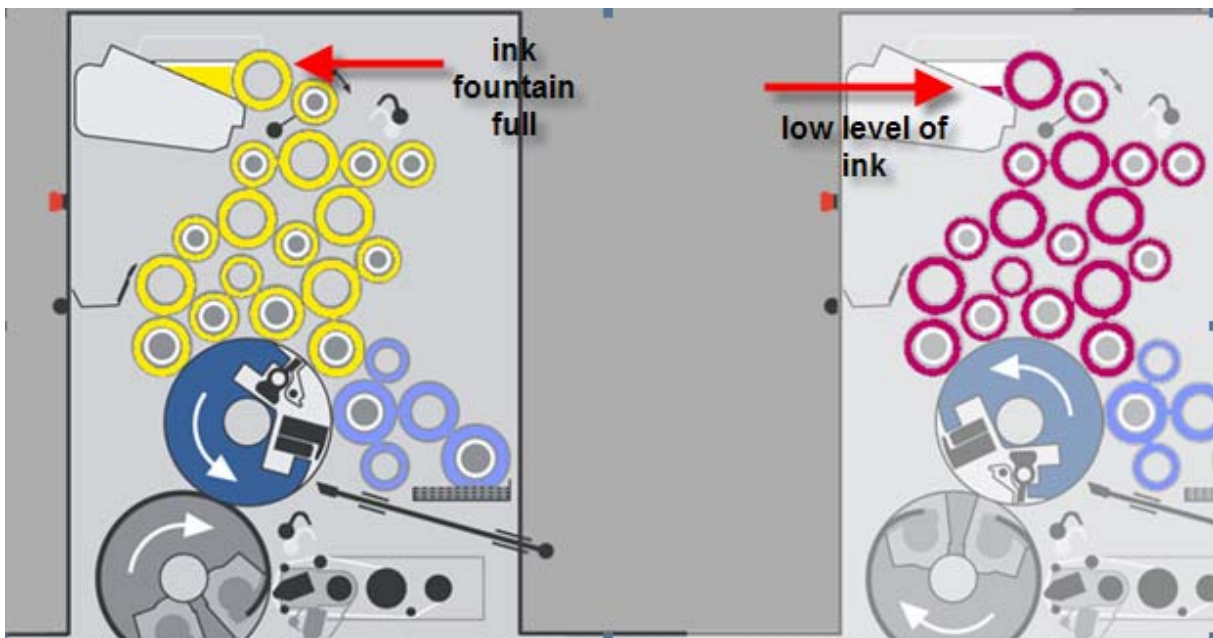
Higher paper grades have been added to the simulator. The range of papers has been expanded to include 320g and 600g. They can be selected in the context of the exercise. Users may have to adapt the printing pressure when changing paper grade.

Evolutions in the paper and ink management functions

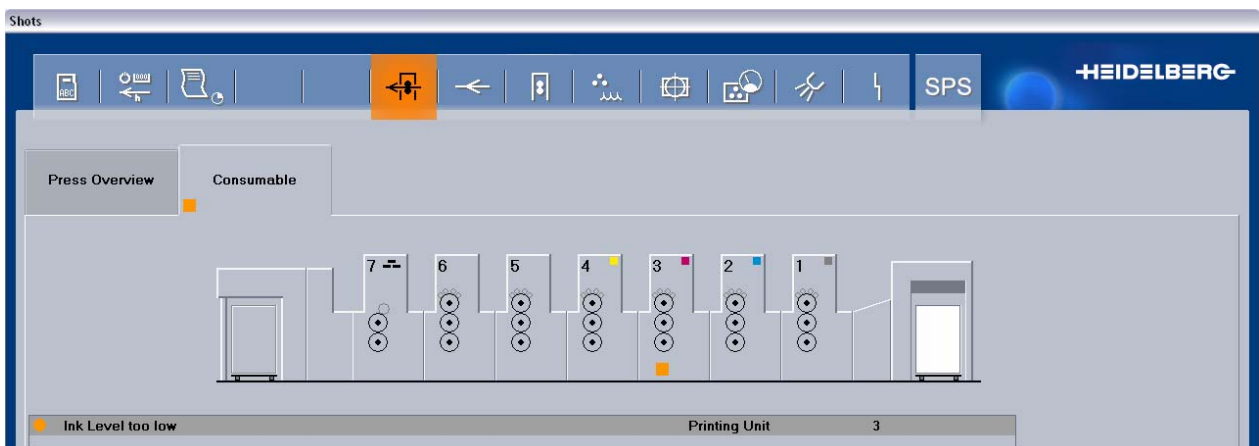
The trainer can define the number of sheets in the input pile at the beginning of the training session in an exercise.

Fountain ink levels now dynamically visible on the press

During printing, fountain ink levels decrease due to ink consumption. This can now be seen on the press in real time. In the picture below, we see that the level of the yellow ink is high while the magenta is low. Some ink clearly needs to be added in the magenta ink fountain with the spatula.



On the Heidelberg interface, a message will warn you in case of lack of consumables:



Ink and paper costs now calculated separately

Ink cost now appears separately from the paper cost (material cost). Printers often run with too much ink and water. This will now show up in the costs.

Running Time :	0:22:58		
Running Cost :	382 €	Hourly Cost :	1000 €
Sheets Run :	1136		
Material Cost :	340 €	Material Cost Per 1000 Copies :	300 €
Ink Cost	76 €		
Actions Cost :	0 €		
Total Cost :	<hr/> 798 €		

Software key instead of Hardware key

To avoid loss of hardware protection keys (“the dongles”), all our products are now provided with software keys, based on a new protection system named HASP. A web-based interface allows IT managers and customers to check the licensing terms of their product. Note that hardware keys are still available as an extra-cost option.

Customers using old keys will be invited to exchange their keys for free when updating their products or purchasing new versions.