

AMS

Control your entire Anilox inventory

ANILOX MANAGEMENT SYSTEM



AMS - Roll Overview Report

Filter: Show All - No Filters

Sorted by: Roll ID (Ascending)

Report generation date: 23/10/2012

Page 1 of 2

Site:	Flexo Printer: Cardiff							
Group count:	10							
Group name:	Screen: 1200							
Roll count:	8							
Roll ID	Manufacturer	LPI	cm3/m2	Variance	Capacity	Suitability	Last reading	
1200-2.2	Sandon	1271	2.7	11%	100%	Process Cyan	28/09/2012	
1200-2.8	Sandon	1295	3.1	6%			28/09/2012	
1200-3.7	Sandon	1221	3.2	3%			28/09/2012	
1200-iPro5 - 002 152	Sandon	1228	3.6	0%			28/09/2012	
1200-iPro5 - 002 164	Sandon	1200	4.0	2%				
1200-iPro5 - 002 365	Sandon	1228	3.7	10%				
1200-iPro5 - 002 396	Sandon	1209	4.4	9%				
1200-iPro5 - 002 93	Sandon	1209	4.0	10%				
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Older rolls show lower volume (Too much variation !)</p> </div>								
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>Should be sent for refurbish (Variance 10%)</p> </div>								
Group name:	Screen: 1000							
Roll count:	4							
Roll ID	Manufacturer	LPI	cm3/m2	Variance	Capacity	Suitability	Last reading	
1000-6.5 - 002195	Sandon	1039	5.9	2%				
1000-6.5 - 002196	Sandon	1078	5.8	2%				
1000-6.5 - 002507	Sandon	1058	6.0	3%				
1000-6.5 - GG25319-1	Sandon	1058	5.8	0%			28/09/2012	
<div style="border: 1px solid black; padding: 5px; margin: 5px;"> <p>perfectly matched (minimum difference & minimum variance)</p> </div>								
Group name:	Screen: 800							
Roll count:	8							
Roll ID	Manufacturer	LPI	cm3/m2	Variance	Capacity	Suitability	Last reading	
800-6.5	Sandon	849	6.2	3%	100%	Line / Solid	28/09/2012	
800-7	Sandon	864	6.9	3%	100%	Line / Solid	28/09/2012	
800-8.5 - 002 336	Sandon	849	7.1	1%	100%	Line / Solid	28/09/2012	
800-8.5 - 002 469	Sandon	864	7.3	3%	100%	Line / Solid	28/09/2012	
800-8.5 - 002161	Sandon	849	7.6	0%	100%	Line / Solid	28/09/2012	
800-8.5 - 002220	Sandon	864	7.3	5%	100%	Line / Solid	28/09/2012	
800-8.5 - 002472	Sandon	849	6.9	7%	100%	Line / Solid	28/09/2012	
800-8.5 Cheshire	Cheshire	849	6.9	3%	100%	Line / Solid	28/09/2012	

WHAT IS THE ANILOX MANAGEMENT SYSTEM?

The *Anilox Management System* provides detailed information on the condition of each roll in a printers Anilox inventory. Every roll is entered with its unique *roll ID*, *screen count*, *date of purchase*, *manufacturer name* and *initial volume* measurements at several positions across its width. Whenever the roll is measured the readings are transferred/entered into AMS, which builds a roll and volume/wear history based on this information. In addition also the *volume variance* across the roll width is tracked.

Roll data can be entered manually from any reading method (*i.e. ink drawdown*) or automatically from the *Troika AniCAM QC* application.

WHY USING THE ANILOX MANAGEMENT SYSTEM?

The *Anilox Management System* software product has been developed as a result of discussions with several hundreds of printers world wide. It became apparent that the strongest desire of most printers is to achieve the desired colour accuracy (*delta-E*) quicker, hence reducing the press setup time. This can now be achieved by being confident that the rolls are genuinely clean and matched.

Research has shown that the desired colour is achieved first time in about 60% of jobs. This means in 40% of jobs ink adjustment is needed, which increases the set up time – and cost. Ink adjustment is the usual solution, however talking to ink technicians, they clearly state that the majority of their additional press setup time is due to anilox issues.

If the printer is fully aware of the condition of his Anilox inventory he will be able to improve the press set up time, reduce ink matching and improve production and profitability – just by selecting matching rolls for individual print jobs.

Every roll in your inventory can/should be transferred/entered into the AMS data base. This is done automatically when using the **Troika AniCAM 3DScanning Microscope** and the corresponding **Anilox QC application**.

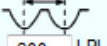
Editable drop down menus allow a fast assignment of manufacturer names, press names, operator names and suitabilities.


An individual Roll Report provides detailed information on the condition of each roll – including

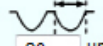
- Basic roll information like Roll ID, Supplier, date of delivery, Suitability, Screen Count, Wall width, Opening, Roll Width
- General and date-related comment fields
- A visual representation (image) of the original and current surface of the roll.
- Wear
- Variance (*Volume difference across the roll*)
- Capacity (*Current capacity in % compared to the first reading of the roll*).

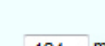
INDIVIDUAL ROLL REPORT

Roll ID: Anilox 1000
Manufacturer: XYZ Manufacturer
Date made: 09/06/2008
Group: Press 2
Suitability: A - Process Work


 600 LPI
Screen


 5 um
Wall width

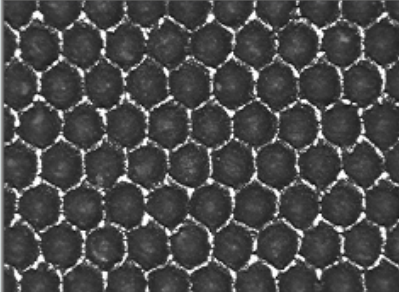

 20 um
Cell opening

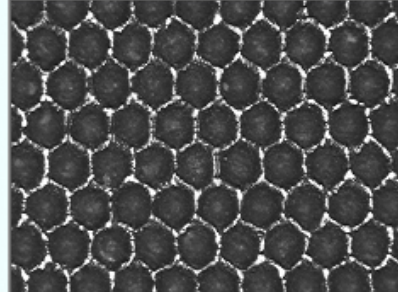

 124 mm
Roll width


Comments:
 Plugs Easily, Only use on Yellow

General history:


Date	Type	Comments
17/04/2009	Damage	Scratched - 9mm at cog end1
21/12/2008	Cleaned	Bicarb wash 1234
29/08/2008	Damage	Scratch - Longer text for Tooltip Example - Longer text for Tooltip Example

Reference:


Last imported / selected:




Readings



Import: AMS

Reference:	Date:	Examiner	1	2	3	4	5	=	cm3/m2	Variance	Capacity
	28/04/2009	Phil James	5,1		5,2		5,3	=	5,2	4%	100%
Historical:	23/12/2009	Phil Hall	4,7		4,2		4,4	=	4,4	11%	85%
	25/10/2009	Tim Collings	4,8		4,5		4,8	=	4,7	6%	90%
	10/09/2009	Heinz Röttig	5,1		4,8		5,2	=	5,0	8%	97%
	18/06/2009	Mark Britten	5,0		4,9		5,1	=	5,0	4%	96%

The results of the first Volume readings are displayed in the top line as the reference reading.

All subsequent readings will be displayed in reverse order below the reference reading.

June 2016, E&OE. – Specifications and details subject to change without notice
 "Troika", "AniCAM" and "SurfaceCAM" are trademarks of Troika Systems Limited

Your local Troika partner:



1 Blackworth Court
 Blackworth Industrial Estate
 Highworth, Wiltshire, SN6 7NS
 United Kingdom

Tel: +44 (0) 1793-766-355
 Fax: +44 (0) 1793-766-356
 info@troika-systems.com
 www.troika-systems.com