

ECS setting the standards in pressroom solutions

Founts and Sundries – Extensive Range

Date 05/08/2013


Sheetfed with alcohol 5-12%

These fountain solutions are most typically utilized on sheetfed offset printing applications with a lithographic dampening system allowing for dosing of fount solution to help control ink/water balance. They are used in conjunction with typical levels of alcohol to help reproduce exceptionally high quality print results on a consistent basis.

Product	Description
<i>DM159 Chemfix</i>	Newer technology version of Goldfount more versatile in wider range of water hardnesses.
<i>DM100 Goldfount</i>	ECS original sheetfed fount solution for dosing with IPA.
<i>DM171 Chemfix CR</i>	Especially good in areas with high water hardness.
<i>DM111 UV Fount</i>	Especially for dampening systems printing UV inks.

Sheetfed – Alcohol reduced 3-8% alcohol

These chemicals help reduce the amount of alcohol used due to their superior wetting characteristics, which in turn reduces VOC's used as well as saving money by using less alcohol.

Product	Description
<i>DM121 Elite Sheetstar</i> 	FOGRA approved to meet press manufacturers' needs in terms of corrosion inhibition and press safety.
<i>DM174 Chemfix Xtra</i>	New increased wetting version of DM159 enabling faster printing speeds without affecting dampening settings.
<i>DM275 Optimus Fount LA</i>	New high spec alcohol reduction fount with universal properties for improved print results.
<i>DM151 Elite Sheetstar AR</i>	Long established favourite of the ECS product line for reduced alcohol printing.

Sheetfed Alcohol free for use with 0-4% alcohol



These are the ultimate in terms of alcohol elimination, dramatically reducing VOC usage and enhanced cost savings on reduced alcohol usage.

Product	Description
<i>DM290 Prime Fount AF</i>	NEW - Low VOC fount solution designed to help completely eliminate alcohol..
<i>DM270 Elite AF</i>	NEW – VOC Free alcohol elimination fount.
<i>DM175 Pinnacle</i>	ECS' longest standing proven alcohol elimination fount solution.

ECS setting the standards in pressroom solutions

Alternative printing systems

Examples of fount solutions for alternative presses, including Heatset and Coldset Web Offset and small offset that require more specific characteristics to give optimum results.

Product	Description
DM104 Elite ColdStar 	FOGRA approved for use on Coldset web offset dampening systems of various kinds. VOC free and highly suitable to Newspaper printing.
DM102 Elite JetStar 	FOGRA approved for alcohol free Heatset web offset dampening systems of all kinds. VOC free.
DM135 Small Offset Fount	For small offset printers without dosing systems. This product is designed to run without alcohol or the need for dosing into the dampening system – essentially it is ready to use.

Water Additives and cleaners

A selection of specialist additives and cleaners to help improve the performance of the dampening system which in turn helps significantly improve print results.

Product	Description
DM107 Remineraliser	Water hardener for RO water to replace electrolytes lost in the purification of water. 0.5% gives ideal printing hardness of 8dH.
DM250 System Cleaner	Highly powerful and effective cleaning solution to be dosed and flushed through the dampening system to help clean out bacteria, algae etc. A vital ingredient to help maintain a sterile dampening system.
DM210 Fount System Driers	A specialist additive for dosing into the fount solution to help speed up ink oxidation which in turn can help reduce set-off and rub issues with printed matter.
AD128 Anti Piling Additive	Add into the fount solution to help reduce issues associated with piling as well as increasing the wetting capabilities of the solution.
C705 Calcium Removal Solution	Water soluble acidic solution designed to act on and inhibit calcium in the dampening system. Can also be added to the wash cycle to help clean calcium deposits from blankets and rollers. A particularly useful additive for printers situated in high water hardness areas.