

ECS setting the standards in pressroom solutions

Fount Solutions and Water Additives

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>DM125 Premier Fount Pink</i>	Formulated to FOGRA standards, containing added anti-calcium agents and driers. VOC-free formulation based on safe ingredients.

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>DM295 Xpel</i>	VOC free fount with revolutionary flocculent technology to help rid the system of unwanted paper debris, whilst offering alcohol free printing.
<i>DM290 Prime Fount AF</i>	Low VOC fount solution designed to help completely eliminate alcohol, with added driers to assist drying of inks.
<i>DM291 Prime Fount AF dH</i>	Extra efficiency in hard water areas compared to DM290.
<i>DM175 Pinnacle</i>	ECS' longest standing proven alcohol elimination fount solution.

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Web Offset founts

Fount solutions for alternative presses, including Heatset and Coldset Web Offset and small offset that require more specific characteristics to give optimum results. All founts are corrosion inhibited to FOGRA requirements and contain calcium sequestrants and anti-fungal agents to help prevent microbial growth in dampening systems.

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.
DM143 Elite HS Fount	Suitable for use on both heatset and coldest web offset printing, eliminating the need for alcohol with high performance wetting.
DM293 Elite SM Fount	Sheetfed/web offset fount specially formulated for direct image and silvermaster plates.
DM139 Magenta S.O. Fount	Small offset fount designed for direct dosing, with zero alcohol requirement, and added anti-calcium action.

Water Additives

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. A particularly useful additive for printers situated in high water hardness areas.
AD010 Fount Antifoam	Concentrated defoamer solution to reduce aeration of dampening water.
C400 Grade 1 IPA	Highest purity Grade 1 Isopropanol Alcohol.
C417 Pressmans Alcohol	Designed to provide equivalent performance to IPA but with lower VOC content.
C435 AlcoSub VOC Free	VOC free alternative to alcohol to be used in the dampening system.

For further information on any of these products please contact sales@ecsnotts.co.uk