



HUDSON'S

imprints

MACHINERY

CONSUMABLES

EQUIPMENT

Customer Newsletter - April 2007

AFFORDABLE HIGH PERFORMANCE

eurofold



The most modular high speed suction folding system on earth: up to 30,000 per hour!

The system can be extended to deep pile feeding and cross folding.

(as illustrated on right inset)



AIR-JET JOGGER



FKS PrintJog JL300

Aerating Paper!

Air-Jet sheet separation.

Separating sheets!

Perfect sheet separation prior to feeding.

Aligning of stacks!

Perfect aligning of stacks prior to further processing, perfect binding, packing etc.

Strong jogging intensity including air separation suitable for light and heavy weight substrates of paper. The air blast is adjustable by a stepless control.



ELECTRONIC Paper Handling

The LEOWORK Cordless, Moveable Table with ELECTRIC HEIGHT ADJUSTMENT



Robust German construction

Load Lift 50 kg

Control Panel

- Large work table 650 x 585 mm
- Built-In mains power – no cords to trip over
- Battery status display
- Auto power cut-off when not operating
- Smooth rolling and lockable castors.

Allows the operator to move printed stacks to other equipment for folding, cutting, packing etc. and adjust to exactly the same table height for easy transfer.

INK ADDITIVE CHART

For the majority of print work you will get the best results by using Van Son ink straight out of the can. However, there are occasions when the correct additive will assist the printer, who should never use 'home brew' additives.

Do not fall into the trap of thinking that if one ounce of the additive is recommended, that two ounces will be twice as good. Use the minimum amount necessary as specified on the chart that has been prepared. It is better to start with the minimum amount, slowly building up until the desired effect is achieved.



TO BUILD UP INK BODY

NO.30 AQUA VARNISH is a heavy bodied Litho Varnish that is used to rapidly build up the body of the ink as well as the tack. This varnish is excellent for inks to be used in the Aqua Type Fountain Systems to build up the water repellency to its maximum. No. 30 Aqua Varnish offers high performance for raised printing (thermography) as it aids adhesion of the powder to the ink for a superior raise. 294-2159

HOW MUCH TO USE

Start with 15 grams of varnish to a kilo on ink and add accordingly. Note: a teaspoon is approximately 7 grams.

When raising solid areas and large type, start by using 30 grams per kilo of rubber base ink and increase if necessary.



TO INCREASE FLOW AND REDUCE TACK

SMOOTH LITH is a smooth lay and anti-offset compound. It is a liquid and therefore will mix easily with ink. Smooth Lith will reduce tack, which will prevent picking, and not alter the colour of the ink as it is almost colourless. Smooth Lith will aid in the drying of ink. 294-2150

HOW MUCH TO USE

To each kilo of ink, start by adding two capfuls slowly and then add as much as is necessary. When mixing small amounts of ink, add Smooth Lith by drops. An eyedropper is a handy tool for this purpose.



TACK REDUCER is a smooth lay and anti-offset additive to correct picking of paper or where the ink does not lay down as it should for proper coverage. Tack Reducer will not dilute the colour of ink if used in moderation and will reduce the tack of ink quite rapidly. Van Son Tack Reducer may be used on all size presses from duplicator to commercial. 294-2162

HOW MUCH TO USE

To each kilo of ink, add 15 to a maximum of 100 grams increasing slowly as needed. Note: a heaped tablespoon is approximately 28 grams.



TO SPEED DRYING

THREE WAY DRIER is a combination of cobalt and manganese. This is called the 'safe drier' because it will dry slower and more thoroughly than cobalt alone. If multicolours are to be trapped, it will give a wider latitude of time between printing of succeeding colours. Three Way Drier enables inks to set faster on some of the more difficult stocks. 294-2155

HOW MUCH TO USE

To a kilo of ink, add from 25 grams to 75 grams depending on the extra drying speed needed. Note: a heaped tablespoon holds 28 grams (one ounce), a teaspoon holds 7 grams (1/4 ounce).



LIQUID COBALT DRIER is a concentrated drier recommended for blacks or colours that must be folded or cut soon after printing. Van Son Liquid Cobalt Drier is not recommended for process printing or for inks that are to be overprinted. 294-2163

HOW MUCH TO USE

Normally add from 7 to 25 grams to a kilo of ink. Use caution in overuse of Van Son Liquid Cobalt Drier. Note: a teaspoon is approximately 7 grams.



TO AID DRYING WITH FOUNTAIN SOLUTIONS

FOUNTAIN STIMULATOR is added to the mixed fountain solution to increase the drying rate of the ink even on difficult papers, including those with a higher than usual moisture content. The advantage of using Van Son Water Fountain Stimulator in the fountain solution is that only the ink being applied to the plate has the added drier. This allows the ink on the inking train to maintain its stay-ability. The Fountain Stimulator also raises the pH factor, a side affect that reduces the possibility of neutralising the driers already formulated in the ink. 294-2153

HOW MUCH TO USE

Add 8 mL to each litre of prepared fountain solution. More may be added to increase the drying rate. When printing non-porous substrates with Tough Tex inks, request an instruction guide from Hudsons.



OVERPRINT VARNISH will not only improve the gloss when mixed into oil-based ink, it will also improve the rub resistance. It is an excellent additive when printing labels. When used as an additive with Tough Tex ink, Overprint Varnish assists in the flow, body, roller stability and gloss without slowing the ink drying rate or adhesion to the stock. 294-2174 (0.5kg) 294-2175 (2kg)

HOW MUCH TO USE

For oil-based inks use 50 to 100 grams per kilo of ink.

With Van Son Tough Tex use from 25 to 50 grams per kilo of ink.



USE THIS WALL CHART IN YOUR PRESSROOM

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