



DBX



DBX from Aquaflex is your Label Solution.

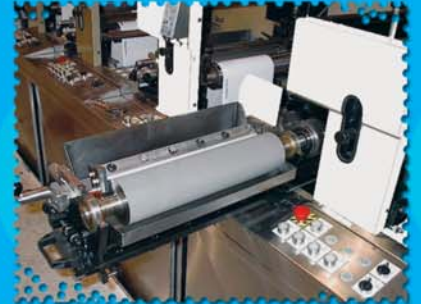
The DBX manufactured by Aquaflex produces a wide range of high quality color labels, tags and business forms. It is an affordable and efficient high speed machine offering outstanding print quality and a wide range of size and die cutting options.

The DBX features 360-degree gear boxes, pull-out inking drawers, self-cleaning plate technology and tool-less anilox, doctor blade and ink pan removal. On the DBX, any of the flexographic print stations can be drained and set-up while the other print stations continue to print and produce.

The DBX has extremely sophisticated running adjustment capability. Both lateral and 360-degree circumferential adjustment is motorized. Additionally, the DBX's fully adjustable anilox roll allows operator changes to the plate to cylinder positioning without affecting plate to impression cylinder positioning.

Other DBX advantages include its sturdy steel side frames and stainless steel driers, its many advanced die cutting options and its compatability with custom additions such as U.V. curing, fan folders, stackers, conveyors, lamination, hot stamping and more.

The DBX's fast changeovers and reliable high speed operation can help your plant achieve greater productivity today and long into the future. Ask for the DBX by Aquaflex, a firm with a solid reputation for innovative technology and fine engineering. Aquaflex is now owned by F.L. Smithe Machine Company, with over 100 years of excellence in manufacturing.



The DBX features a 4-way print head with pull-out inking drawers and a unique patent-pending doctor blade assembly that eliminates the need for ink metering rollers.



Advanced Tandler gear boxes on the DBX provide 360-degree motorized circumferential registration capabilities.



There are two individual die cutting stations and one sheeting or cross perforation station on the DBX with space for additional die cutting and/or punching units. The DBX die cutting stations feature removable anvil rolls of fully hardened steel and an advanced waste matrix removal system with stripping rollers and a rewind air shaft.



10" DBX Specifications

Web Width Clearance.....	10 1/4"
Maximum Printing Width.....	10"
Printing Stations.....	Up to 12 colors
Printing Repeat.....	6" to 22"
Print Cylinder Shaft Diameter.....	5/8"
Impression Cylinder Diameter.....	2.86"
Frame Thickness.....	5/8"
Line Shaft Diameter.....	1"
360 Degree Register Gearing.....	1/8-CP
Die-Cutting Stations.....	2
Die-Cutting Width.....	10"
Maximum Die-Cutting Repeat.....	22"
Anvil Cylinder Diameter.....	3.82"
Removable Anvils for Die Station.....	2
Die Frame Thickness.....	3/4"
Unwind Capacity.....	42" Diameter
Rewind Capacity.....	30" Diameter
Waste Rewind.....	24" Diameter
Roll Lift.....	Pneumatic
Main Drive Motor.....	10-20 HP Power
Power Requirement.....	480 VAC
Air Pressure.....	100 PSI-7 bar
Lubrication.....	Automatic
Speed.....	500 ft/min

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Quality Machinery since 1904

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All driers are made of stainless steel and come equipped with short wave infrared element lamps, along with hot and cold air capabilities. There is the option for U.V. curing on any or all of the flexo print stations.



The operator-friendly variable in-feed assures accurate registration throughout speed changes as well as starts and stops.

Additional Options

Available on the DBX:

- Video Plate Mounter
- Automatic Register
- Stroboscopic Lamp
- Movable Laminating Station
- Movable Waste Rewind
- Hot Stamping
- Rotary Screen
- Delaminating-Relaminating System
- Turn Bar
- Enclosed Doctor Blades w/ Pumps
- Motorized Shingle Conveyor