

The Stolle MagPro® Plate Cylinder Mounting System

The Stolle MagPro® pneumatic plate cylinder mounting system simplifies label changes for decorator technicians. Instead of having to remove and reinstall the entire heavy plate cylinder for each ink color, the printing plates are attached to a lightweight sleeve that easily slips on a cylinder mandrel using air assist with no tools required.

During a label change, the decorator technician opens a valve on the end of a plate cylinder shaft to apply air pressure supplied through the shaft to the attached cylinder mandrel – no external air hose connection is required. The air flow allows the magnetic plate sleeve to be easily pulled off the mandrel and the replacement easily pushed on. When the air valve closed, the sleeve is securely mounted on the mandrel and will maintain accurate color registration. The metal printing plates attach to the MagPro sleeve the same way they attach to a conventional plate cylinder with the same registration pins and magnets.

The MagPro system offers several major advantages to decorator operation, the first of which it makes label changes faster. Changing a traditional plate cylinder takes about 40 seconds per color, while changing a MagPro cylinder sleeve takes about 14 seconds. The change process also causes wear on the tapered plate cylinder shaft that leads to the need to replace the shafts periodically, a complicated and time-consuming process.

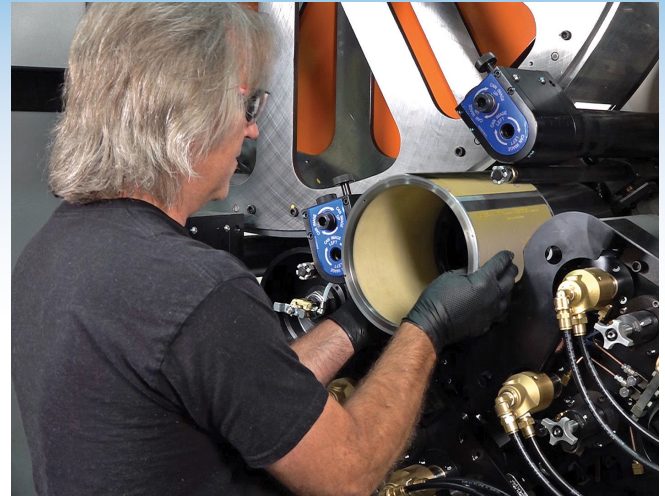
The other major advantage is that the MagPro system reduces health and safety issues for the decorator technicians. A traditional Concord plate cylinder weighs 23 pounds which must be lifted and installed on the shaft before installing a tightening the retainer bolt, while a MagPro sleeve weighs only 11 pounds and easily slides onto the mandrel thanks to the built-in pneumatic assist feature. Both of these advantages will lead to a noticeable increase in decorator machine efficiency for your canmaking lines.



Left: A traditional Concord plate cylinder weighs 23 lbs and it takes 40 seconds to change each cylinder

Right: MagPro sleeve weighs just 11 pounds and it take 14 seconds to change each sleeve

The MagPro® system is currently available for all Concord Decorators (24 and 36 MRT) and will be available soon for Rutherford Decorators. It is available as an option on new machines, and the system can be retrofitted onto existing machines.



Technician installing a MagPro® plate cylinder sleeve on a Concord Decorator



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The MagPro® System is a registered trademark of Sandon Global Engineering



Air valve on the end of the plate cylinder shaft that is turned on when changing the plate sleeve

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