

Application Story

THE BEST MEDICINE

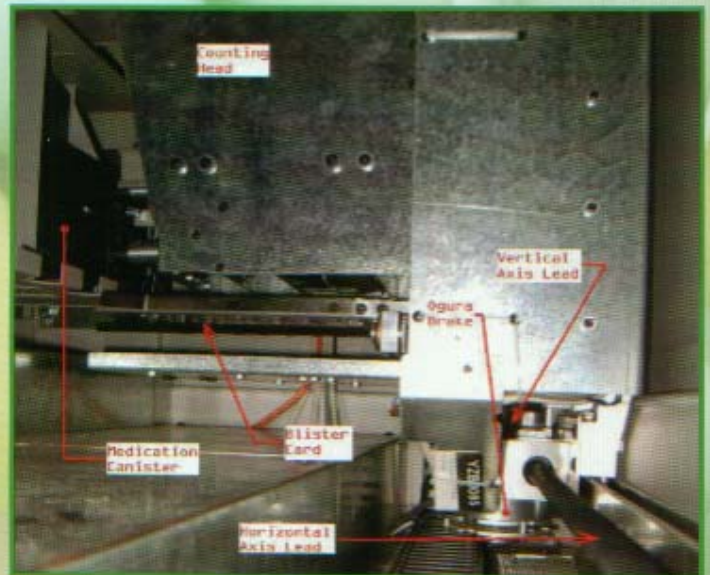
Manchac Technologies, LLC was established in 2006 in the heart of Cajun country. Now located in Alexandria, Louisiana, Manchac designs and manufactures advanced pharmacy automation products targeted at assisted living and long-term care facilities and small retail pharmacies. Exactly what is a "pharmacy automation product"? Automation in this industry is relatively new. Manual counting and dispensing of pills is sometimes a tedious and time consuming task, all the while requiring exact and error-free fulfillment of prescriptions. Automation improves the accuracy and accountability of prescription fulfillment, allowing the pharmacist to increase his or her productivity.

That's where Manchac comes in. The recently introduced DOSIS® is a machine that uses computer vision to count pills, and then package them into blister cards, not unlike those seen packaged in OTC drugs like Claritin®.



New Pill Dispenser Machine for Pharmacies

With its small footprint about (2' x 4'), it is ideal for small pharmacies where space is at a premium. Pills are manually loaded into canisters in the front of the machine. The optics scan the canisters, locating each individual medication. The pharmacy's software sends the prescription to DOSIS®, which dispenses the specific



Ogura brake on vertical axis lead screw

pills into 30 day cards, then seals and labels them. DOSIS® is capable of dispensing up to 60 prescriptions at a time. (That will definitely reduce pharmacy waiting time.)

The Ogura RNB-0.2ZG spring applied brake is an integral part of DOSIS® system. The blister cards are filled by a counting head which is brought to one of the 60 canisters via a vertical and a horizontal positioning axis system. To reduce wear and heat on the vertical axis motor, the Ogura brake is attached to the vertical lead screw to hold the counting head in position allowing the motor to be shut off. The brake also provides a "fail safe", preventing the counting head from falling in the event of power loss. Designed for holding and emergency braking, the RNB-0.2ZG is rated at 2Nm of static torque in a compact package. The zero backlash feature provides accurate positioning while eliminating any noise due to rattling. For more information on the RNB and all spring applied brakes, go to www.ogura-clutch.com. ●

