



## Clean cut – safe cut

**The PLASCUT 591 from cutter specialist MAGURIT uses the VLT® AutomationDrive with its "Safe Stop" feature to ensure the speedy and safe opening of blood plasma packages.**

Drugs and vaccines based on blood and blood plasma are crucial in the treatment of many illnesses or injuries, such as bleeding disorders, immune system deficiencies or extensive skin injuries. Therefore, all handling of blood related products needs to take place under controlled, clean and safe conditions.

The PLASCUT 591 is a six-chamber rotation bag cutter that is designed to open 30 bags of frozen blood plasma per minute swiftly and safely.

Operation is simple: The machine operator places the bag manually in one of the chambers that then rotates, passes a cutter and ejects the now open bag onto a workbench for further processing.

### Swift and precise control

It is a fast process that requires swift and precise control to ensure the highest levels of hygiene and efficiency.

This is supplied by a VLT® 2800 that controls cutting depth and a VLT® AutomationDrive that synchronises the rotating table.

Exactly one second passes from loading until the chamber moves on to its next position. But if the next bag is not yet in place the machine pauses until it has been inserted by the operator.

### Safety first

Safety is a key issue for drives at all times, which is why light curtain above the chambers is connected to the special "Safe Stop" input in the VLT® AutomationDrive. If the curtain is disrupted during operation, i.e. by the hand of the machine operator, the frequency converter disables the power to the motor and stops the machine immediately.

After being stopped the process can only be reactivated when confirmed by the operator. The integrated Smart Logic feature displays the confirmation on a screen and only starts the machine again when the light curtain senses there is no more danger for the operating personnel.