Drop & Cut – smart technology of laser cutting from Eagle Group.

The Power-Tech company is now introduces its new technology of a smart laser cutting called Drop & Cut. New software allows more efficient use of a plate leftover in order to make new product.

This new system is based on an intuitive and easy to operate software and is cooperate with Full High Definition camera mounted in the treatment chamber of cutters. Thanks to placing inside the machine a video camera, the Drop & Cut system is able to monitor the area metalworking and allows to use the remains in order to make other items.

How Drop & Cut system works in practice?

Adding of virtual geometry of the workpiece on the remnants of the metal is done intuitively directly from the touch panel.

The operating process is really simple. On the screen, during the machining process, the operator is able to monitor, position and adjust the specific section of the sheet. Production of the new element therefore takes place on the principle of using the system entered a new cutter geometry of the workpiece. Just move your finger on the virtual geometry of the workpiece material remnants and the production can begin.

Through continuous live broadcast an outline contour of the workpiece can be perfectly made of metal residues from the previous process.

Optimal use of materials.

Power-Tech prepared this Drop & Cut function in order to make the most effective use of the possibilities of Eagle cutters and allow their operators to economically utilize leftover of a metal. The most important advantage of this function is that the operator will be able to quickly recognize whether a particular detail may be cut in the presented position of the plate.

This innovative system will allow operators to work more efficiently. It is very important especially because employees significantly reduce the time to produce additional elements dedicated to the re-measurement of the sheet, positioning or moving it to zero point. With this solution the production of additional elements takes place without major preparation and reprogramming the cutter.

Laser cutting Eagle facilitate your work!

Drop & Cut software will be available with all cutting machines models from series iNspire and eVision. The idea of the Power-Tech is dedicated to all new users of laser cutters, but also to those who are already the owners of these machines.

Interesting links:

Eagle Group – official site,

Eagle Group – Facebook,

Eagle Group – Twitter.