

Eagle eSmart is a new laser cutting system from Power-Tech

Engineers at Power-Tech, a manufacturer of laser cutting machines, have developed a new series of laser cutters called eSmart. It is an economical option for smaller production, affordable and economic. Power-Tech's offer so far contained the cutter Eagle iNspire and Eagle eVision. The first of them is technologically advanced and its basic characteristic is the highest cutting performance. Eagle eVision series is an universal cutter for diversified production. The latest, third proposition is developed for less demanding production. This solution is dedicated to all those who have previously used the services of other companies and would like to have their own version of the economic cutters.

Eagle eSmart will be offered in two variants – a model 1225 with an area of machining axis 2560 mm, 1290 Y-axis and Z-axis 100 mm; also model 1530 of a machining area X-axis 3060 mm, Y-axis 1540 mm and Z-axis 100 mm. Cutter series eSmart achieve a cutting speeds of 120 m/min and acceleration 2G. Models of a latest series are available with a laser fiber with a power of 1 to 4kW. Tracking the laser beam is carried out using fault-free fiber. The new cutter is equipped with a body made of composite material, linear motors on all axes and pallet changer.

Eagle eSmart is an economical solution for all who need trouble-free, easy to use machine. Unquestionable advantage of eSmart is its ergonomic design, which allows installation in small manufacturing plants. The machine should perfectly fit in machine park of manufacturing companies, who can afford to have a cutter aim of cutting short or long series, and also want to cut strikingly individual parts for their own needs.

The new cutter's Power-Tech is described by the following specifications:

WORKING AREA			
Model		1225	1530
X axis	[mm]	2560	3060
Y axis	[mm]	1290	1540
Z axis	[mm]	100	100
Max sheet weight	[kg]	550	900

