

# A new century, a new paper cutting machine

## **EUROCUTTER®**

An ultramodem high-speed guillotine, with excellent working properties. Easy to operate with push-button and computerized control with all required safety standards (GS, CE) the **EUROCUTTER®** is a high performance machine with the strength to handle the toughest cutting operations.

### **Machine frame**

The **EUROCUTTER®** was developed to be an extremely sturdy machine in the smallest possible area. It's sturdy one-piece cast steel frame is designed to prevent the vibrations and warping that usually occur. Cutting difficult materials such as heavy cartons, metal foils, leather, rubber and sandpaper are no problem. Equipped with a double pull-arm knife holder\* and durable worm gear and drive shaft, the **EUROCUTTER®** offers the strength to handle the highest demands. As an option we also offer a stronger drive motor for extreme cutting conditions.

### **Backgauge Features**

Equipped with state of the art AC Servo Drive with a Linear Ball Screw. The Overhead Back gauge is positioned quickly and easily through a Computer or push-button control. The unique encoder dial can achieve fine position adjustments 0.01-1.0 mm/inch. Because the back gauge lead screw mounts above the table surface, the **EUROCUTTER®** offers a smooth table to work on. The table is enclosed in the back for safety and protection of vital cutting components. In addition to the advantage of a solid table surface and the safety of the enclosure table, this configuration keeps the spindle free of contaminants, and has a longer life expectancy.

### **Overhead Backgauge Cylindrical guide**

Specially designed hard chromium plated cylindrical guide, is extremely durable because of an inserted high tensile brass metal. This specially designed system offers excellent back gauge stability.

### **Knife changing features**

The **EUROCUTTER®** minimizes the downtime for knife changes, in addition to making it safer for the operator. The one-piece knife holder holds it at the proper level for mounting so no hand positioning is necessary. A knife change guard protects the operator encountering the face of the knife during this operation. The manual crank down allows the operator to quickly and safely remove the knife from the cutter. A specially design knife adjustment plate, allows a new knife to be installed without having to adjust the pull arms. All knife changing tools are standard equipment and is delivered with each machine.

### **Safety first**

All machines are equipped with a high performance infrared light beam barrier which meet GS and CE safety standards. The cutter bed and clamp assembly is fully enclosed. The **EUROCUTTER®** comes standard with an Automatic knife return to the top of its stroke when using the emergency stop button.

### **Electrical equipment**

Designed with the latest control technology, the **EUROCUTTER®** offers the best control system available. Also equipped with the latest energy saving technology, and inspected by the TUV, it is fast and efficient in the work environment.

### **Computer**

The powerful Display Type Back gauge controller has a memory capacity of 20.000 (200 processes cycles, 100 steps each process cycle). With the help of easy understandable symbols the programming can be done quickly and easily. When programming each step can be inserted or deleted without changing or deleting the following cuts. The Monitor Machine Back gauge controller has a memory capacity of 20,000 (200 processes cycles, 100 steps each process,) as well. With on-screen functions, programming is fast and easy. The **DISPLAY** type as well as the **MONITOR** type offers an Eject function which will push the cut material toward the operator out of the cut line. This allows the operator to remove the cut material without placing his hands under the knife blade. Repeat cutting with or without intermediate cut, insert or delete of steps and processes, air off function, interruption of automatic run, automatic take over of a cut size into the program, and all other mathematic functions (plus, minus, multiply, divide) are possible with both machine types.

### **Air cushion tables**

Air cushion cutting table and side tables are standard on the **EUROCUTTER®**. The high-volume air nozzle's evenly distribute air across the cutting table, and allow easy positioning of material. The air system is completely enclosed leaving no air hoses exposed. The air supply is automatically cut-off during the cutting process for accuracy. The surface of the tables is chromium plated and therefore corrosion free. The rear table of the machine is completely covered by a transparent plastic material which can be opened easily.

### **Peripheral equipment**

We offer a complete range of peripheral equipment under the brand name **DIPLOMAT**. Accessories such as pile lifts, automatic joggers, transfer tables, storage systems, re-piling units compatible with the **EUROCUTTER®** high-speed guillotines and to any other cutting machine to complete your cutting and finishing lines.

### **Delivery program**

There are three different machine types in our delivery program. The standard model without programmable Back gauge control comes with a digital display and installed calculator. The **DISPLAY** type offers a programmable Back gauge control computer with digital display and small monitor where you can always see the next four cutting steps. And the **MONITOR** type has a color monitor making it a very high performance cutting machine.

### **Authorized dealer for Yugoslavia, Bosnia, Croatia and Macedonia**

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## **Standard Features**

Complete electrical drive equipment 3 phase, 200/400 V, 50/60 cycle,  
lockable main switch,  
main drive motor with corresponding gear,  
protective motor switch for all drive motors,  
working area light,  
optical and mechanical cutting line indicator,  
modern and clearly arranged control panel,  
chromium plated machine table and side tables (corrosion proofed),  
air cushion table with blower (also for side tables),  
air cut-off during cutting process,  
cutting line side lays right and left,  
rear side lays right and left,  
hydraulic clamp press including oil filling infinitely variable adjustable,  
back gauge steering from above,  
completely closed cutting table,  
motorized back gauge drive,  
rear machine table completely encapsulated by transparent synthetic material and therefore  
easy to open  
metric or inch system,  
two hand cut release,  
infrared beam barrier,  
emergency-off switch,  
electrical switch off on all panels which can be opened manually,  
Parts of the machine are greased through a manual central lubrication,  
Display machines show data and measurements by computer through display and small  
monitor, computer with  
20.000 steps in 200 programs,  
measure insertion when back gauge is standing,  
device for repeat cutting,  
repeat cut device with intermediate cut,  
automatic take over of cuts into the program (Auto Input),  
fully automatic working of programs,  
insertion and deletion of programs or steps,  
feeding position and paper ejector programmable,  
free choosing of individual sizes,  
permanent memory of procedures,  
daily cuts counter and total cuts counter.

Monitor type has the same features than the Display type but additionally:  
display data and measurements on color monitor and computer steering,  
optional display of programs,  
memory capacity of 20.000 storage places in 200 programs 100 steps (each program),  
saddle position graphically displayed on monitor,  
error display by code and words programmed.

Two high speed steel knives,  
2 tool drawer,  
1 bar clamping sheet,  
50 cutting bars.  
One complete set of normal wear parts.  
1 complete set of drive V-beit main drive,  
GS and CE norm,  
installation plan and operation manual, packing of machine.

**Technical specifications are subject to change without notice**