

Itotec Guillotine Cutters - Since 1919

Itotec, manufactured in Japan, has been producing Guillotine Cutters and Ancillary Cutting equipment for over 100 years. Headquartered in the city Nagoya – home of Toyota – Itotec is a 6th generation family business with an install base of more than 12,000 Cutters worldwide.

Guillotine Cutters can include optional accessories to make for a basic or full cutting system. These sections below highlight the increased efficiency and productivity when investing in ancillary equipment.

Basic Cutting System

It is common for operations to initially invest in a Lift and a Jogger. Deemed a "basic" cutting system, this solution alone can increase production by 40% to 100%, when compared to only operating a Paper Cutter.

Reducing Downtime

Studies have shown that less than one third of the time required to cut a lift of paper is spent actually running the Cutter. The other two thirds of the time is spent preparing the lift to cut and stacking the finished product on a skid.

Moving paper from the skid onto the Cutter and stacking the finished product are the most physically demanding parts of the job, which tend to decrease employee moral. Investments in labor and/or equipment can improve cutting department throughput.

Lifts

Lifts work to increase efficiency. Stacking large finished sheets is nearly impossible in big lifts without a Lift. There is simply too much weight for the operator to lift. A Lift alone can increase productivity by 40-100%. A manufacturer can use two Lifts to satisfy the downstacking conundrum until CAPEX is available for an Unloader.

Joggers

A Jogger makes it much faster and easier for an operator to build a full six inch lift of stock to be cut. Without a Jogger, the lift must be built on the Cutter bed, which is not only much slower, but also more difficult to build a full height lift. The operator must slide each small lift under the clamp and as the stack gets higher, there is less and less room to work. A Jogger will also remove the air from the lift which allows for a full six inch lift every time.

Unloaders

Unloaders help to lower finished product off of the Cutter in order to keep the Cutter operating at full capacity. The Unloader helps to drastically improve employee morale as they no longer need to lift heavy product off of the Cutter by hand.

Rear or Side Loaders

When operating two or more Cutters for two or more shifts per day, incorporating Automatic Loaders will most likely be cost effective. Rear or Side Loaders move paper directly onto the Side Air Table, or back of the Cutter bed by the use of mechanical grippers. This removes the physical labor of moving the lift to the Cutter. Simultaneously, less time is required to move the paper from the Jogger to the Cutter bed.

Production vs. Cost

- ✓ **Addition of a Lift and/or Jogger**
Production Increase of 40% - 100%
Cost Increase of 15% - 40% of Cutter Cost
- ✓ **Addition of a Lift, Jogger, and Unloader**
Production Increase of 150% - 250%
Cost Increase of 100% - 115% of Cutter Cost
- ✓ **Addition of a Lift, Jogger, Loader, and Unloader**
Production Increase of 250% - 400%
Cost Increase of 200% - 215% of Cutter Cost

Employee Benefits

- Improved employee morale in the cutting department
- Elimination of back injuries / workman's "comp."
- Much lower level of physical work means workers can be productive for more years
- Quality of finished product will improve
- Re-purposing of lesser skilled personnel in other departments