

Optimized cutting cycle

accelerates the cutting and smooth clamping when critical materials are processed.

Benefits for the customer

increases the cutting efficiency in consistent repeat sequences by up to 10% .

Description

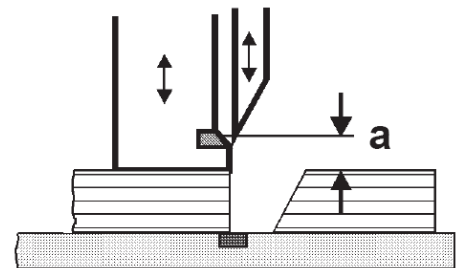
The "Optimized cutting cycle" option offers the following functions:

- **Sensor in the pressure clamp**

An inductive sensor is located on the left side of the pressure clamp.

When the knife is moved upwards, this sensor makes out when the knife passes the position which is designated "a", and then initiates the clamp to move upwards. After the material has been cut the clamp releases the material much faster. There is no need to wait until the knife has reached the top dead center. In spite of this, it is

always ensured that the cutting edge is located above the lower edge of the clamp and covered by the same.



- **Light barrier at the lower edge of the clamp**

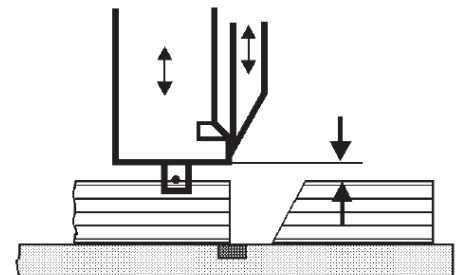
There is a light barrier on the left (transmitter) and the right (receiver)

sides of the clamp. It serves to detect the upper edge of the loaded

material being cut. Once the light barrier does not detect any material

while the clamp moves upward, the clamp will stop in accordance with

the adjusted delay. This makes the cycle much faster, especially when the clamp opening is low.



- **Smooth-clamping valve**

Combined with the light barrier, this valve ensures that the clamp smoothly contacts the material being cut. This prevents the uppermost sheet from being shifted. This is usually carried out by means of the pedal.

Availability

X plus	Optional on		re tro fittable
—	XT plus	Autotrim	
—	115 - 176	115 - 176	no

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