

Powering Performance Driving Efficiency



PROCUT 105SS

DIE-CUTTING MACHINE WITH STRIPPING

One-touch sets every job
to perfect precision

Procut 105SS



PROCUT 105SS is a high-speed fully automatic die-cutting machine with stripping, engineered for precision conversion of paper, cardboard, and corrugated board in demanding packaging production environments.

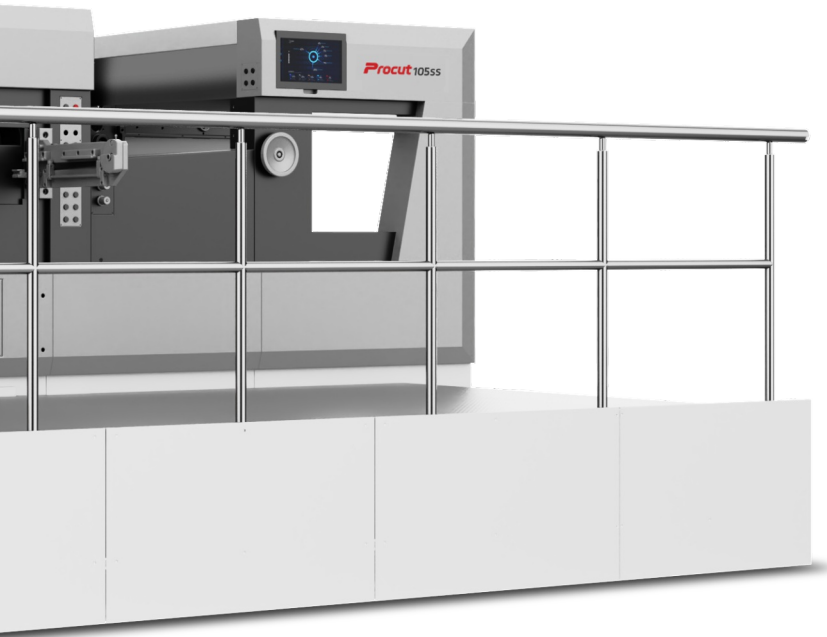
Designed for stable continuous operation, it integrates a high-performance feeder and an optimized gripper bar and guide rail structure to ensure consistent sheet transport at speeds of up to 8,500 sheets per hour, with positioning accuracy within ± 0.075 mm.

The machine processes materials ranging from 90 to 2,000 gsm cardboard and corrugated board up to 4 mm thickness, supported by a maximum working pressure of 400 tons, enabling reliable performance across a wide range of packaging applications.

A one-touch intelligent setup system integrates production control through the HMI, enabling fast, repeatable job changeovers from feeder to delivery, reducing operator dependency and minimizing make-ready time while maintaining consistent production efficiency.

Excellent performance

Quick change, perfect output



Precision

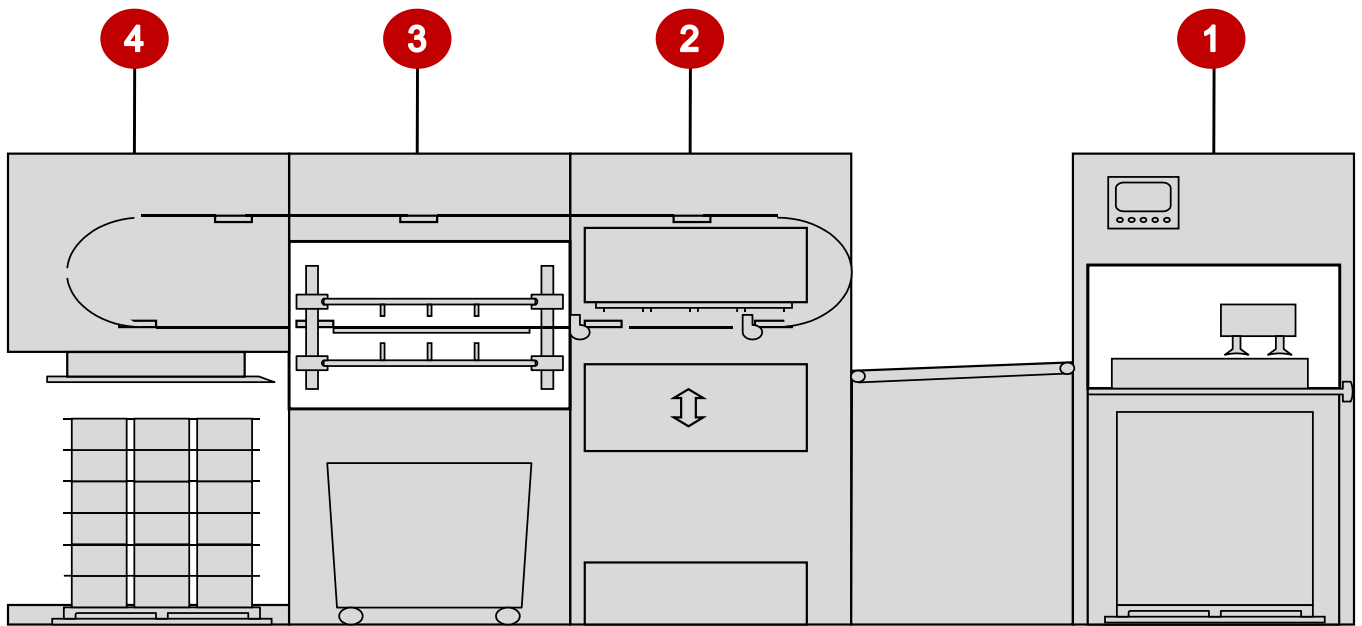
- Die-cutting accuracy $\leq \pm 0.075mm$.
- Servo-driven feeding system ensures accurate and stable sheet positioning.
- World-class machining center combined with manual scraping: ensures the fit and operational precision of core components.

Efficiency

- The machine features a one-touch intelligent setup allowing key production parameters—from feeder to delivery—to be set and adjusted via the HMI. This enables fast and repeatable job setup, reduces operator dependency, and minimizes make-ready time.
- Quick-lock structure for the stripping middle frame reduces changeover time.
- **1,700mm** feeding height and **1,450mm** delivery height reduce the frequency of paper pile changes, lowering labor requirements and saving time.

Capability

- Up to **8,500** sheets per hour with non-stop feeding and delivery.
- Suitable for materials ranging from **90** up to **2,000 g/m²**.
- Modular lower platen system enables fast and flexible adjustment for quick job changeover.



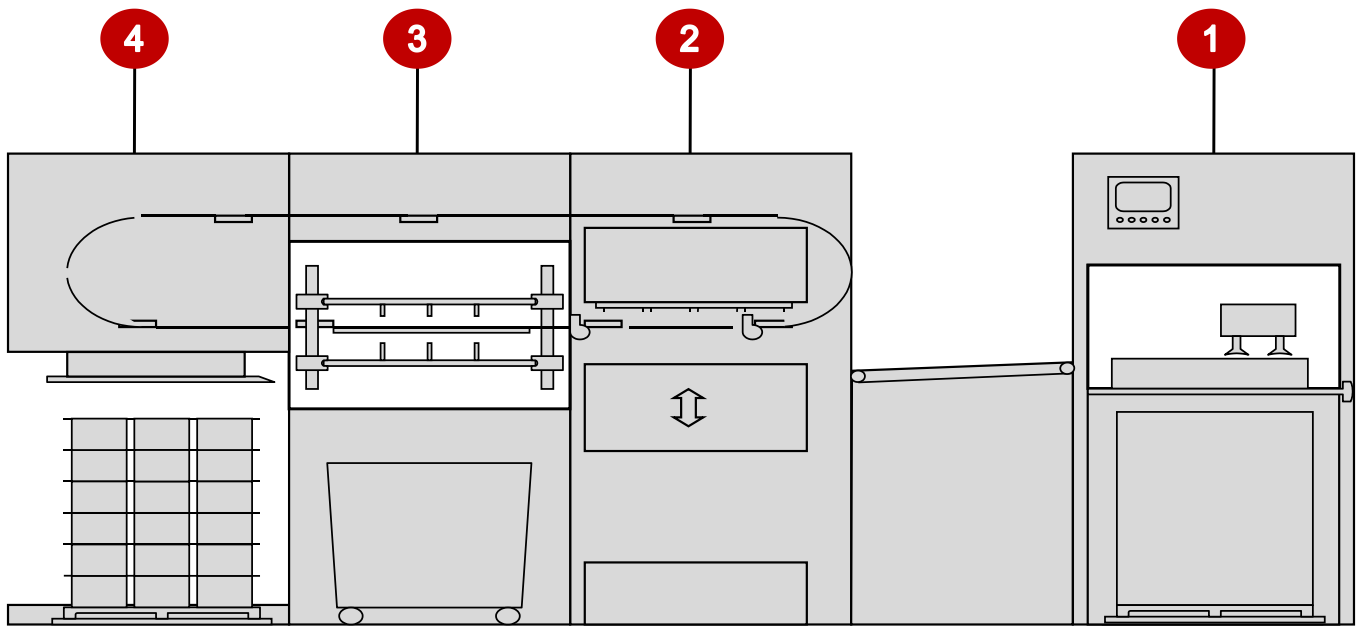
The machine shown is a sample configuration.

1 Non-Stop Feeder

- 1,700mm feeding height
- Non-stop feeder for continuous pile change
- Servo-driven feeder mechanism
- Suction head for paper, cardboard and corrugated board
- Mechanical double-sheet detection system
- Inclined feeding table for controlled and smooth sheet feeding
- Servo-driven front and side lays enable one-touch register adjustment
- Operator and drive-side pull/push side lay
- Becker vacuum pump system

2 Die-Cutting Station

- Servo-driven infeed position adjustment
- Fine adjustment of cutting plate
- Standard quick-lock chase device
- Pneumatic die-cutting chase locking system
- Digital die-cutting pressure control system
- Standard chase changer
- Automatic chain lubrication system
- Cooling circulation system
- Long-lasting gripper bars for higher production output



The machine shown is a sample configuration.

3 Stripping Station

- Motorized upper chase lifting system
- Perfect stripping at high speed operation
- Quick-lock device for center stripping board
- Fine adjustment of upper and lower stripping frames
- Upper and lower stripping chases for fast setup, removal and adjustment
- Upgraded safety window system

4 Non-Stop Delivery

- 1,450 mm delivery height
- One-touch intelligent setup system
- Sheet brake brush
- Non-stop rolling carpet
- Tape inserter
- Gripper edge removal system
- Camera for delivery monitoring (option)

Technical Parameters

Processable Materials

Procut 105SS

Paper, min.	90 g/m ²
Carton or Solid Board, max.	2,000 g/m ²
Corrugated Board	≤ 4mm

Capability

Max. Sheet Size	1,050×750 mm
Min. Sheet Size	400 ×360 mm
Max. Die-Cutting Size	1,040×730 mm
Max. Die-Cutting Pressure	400 Tons
Max. Machine Speed	8,500 Sheets per hour
Accuracy	≤±0.075 mm

Pile Height

Max. Pile Height at Feeder	1,700 mm
Max. Pile Height at Delivery	1,450 mm



Features and Benefits



SPEED

8,500 Sheets per Hour

High-Speed Performance



MATERIAL HANDLING

- Processed Materials

as thin as **90** g/m²



MECHANICAL POWER

400T

Working Pressure

Effortlessly Handles a Wide Range of Materials with Consistent Precision

- Maximum Pile Height of

1,700 mm

at Feeding Station

Reduces Sheet Changeover Frequency and Improves Overall Efficiency

SPECIALIZED CAPABILITIES

Standard

One-Touch Setup

Fully Automated Job Changeovers

FASTER SETUP

Standard

Chase Changer

Prepare the Next Job While Running
Cut Make-Ready Time

AUTOMATION & LOGISTICS

Optional **Fully Integrated Logistics System**

For Seamless End-to-End Production

Publishing Information

Zhejiang Ounuo Machinery Tech. Co.,Ltd

Binhai Industrial Estate

325400 Pingyang

Wenzhou, Zhejiang

China

Tel: +86 13567711278

Email: contact@wenhong.global

Further details at:

www.oyang.group

www.wenhong.global



浙江欧诺机械科技股份有限公司
ZHEJIANG OUNUO MACHINERY TECH. CO.,LTD