

TECHNOCUT 1050S Fully Automatic Die-cutting and Creasing Machine with stripping unit **or analogical**



1. Introduction

BC1050S series die-cutting machine with waste-removal features high precision, high speed, durability and stable performance. They adopt international leading configuration and have come up to international leading level in performance.

2. Scope, Quantity, Price:

Commodity name: Fully Automatic Die-cutting and Creasing machine
with stripper section

Type: TECHNOCUT 1050S

Quantity: One Set

3. Technical Parameters:

A. Specifications:

- Max paper size: 1050 x 740mm
- Min paper size: 400 x 360mm
- Paper thickness: 80-2000g/m²
- Corrugated paper thickness: ≤4mm
- Max machine speed: 7500 sheets/hr
- Max operating pressure: 300T
- Min gripping edge size: 9.5mm
- Max die-cutting size: 1040 x 730mm
- Die-cutting precision: ±0.075mm
- Power: 20KW
- Weight: 14T
- Dimension: 7070 x 4200 x 2450mm

B. Features:

Automatic Die-cutting machine is mainly used for high précised cardboards die-cutting, pressed concave-convex and below 4mm size corrugated paper's die-cutting work.

1) Feeder:

- The feeder with 4 suction and 4 delivery, more smooth;
 - Japanese design of automatic non-stop feeder and pre-piled paper ,improve producing efficiency.
 - Suction heads are easily to adjust difference angle, front, back, right or left
 - 3 electronic safety devices to protect feeder pile when over ascending
 - Side lowing system to improve paper separation when feeding
 - High pile design allows maximum pile height up to 1600mm
 - High speed feeder allow to run 7500pcs/hr

2) Registration Table:

- Paper arrives at 4 front and 2 side guide (push or pull) registers may improve the die-cutting accuracy and adjustable by wheel handle, easy to adjust.
 - Double sheet and paper jam detector photocell sensor

- The speed of the feeding belt is adjustable

3) Press and Chase unit : Die cut

- Teco main motor controlled by Schneider inverter control
- The worm gear driven can easy to adjust and controlled by motor and touch screen
 - Standard with 2 sets of Die-cutting plate frame is integrated molding with good intensity, high precision. The back plate is made of hard stainless steel and durable.
 - Bottom mold steel plate is with hardness and levelling, anti-rust with accuracy and durability.
- Cutting chase turn over device
- The Cycling cooling oil circuits are up to 30 groups, 2HP oil pump, with good lubrication and quick cooling, extension of using life..
 - Molding pressure raise and removed, adopted electronic control digital display, precision can be up to 0.01mm, it's easy to operate.
 - 7 Sets of gripper bars with grippers, which made of light weight and durable aluminum alloy with ultra hard coat and anodized finish ensure accurate and consistent paper registration
 - Long run tested chain before delivery
 - Pneumatic lock and release system for cutting chase
 - Special design for air floating out, between cardboard and cutting plate, to avoid damage the cardboard

4) Stripping

- The stripping section is designed by up and down stripping chase running with stripping needles to remove even the smallest pieces of waste at full running speed.
- Automatic lubrication system for gripper chain can set up by preset timer easily by operator

5) Delivery

- Non stop delivery system
- Safety photo sensor devices preventing over ascending and over descending of delivery
 - Delivering outstanding performance and quality as standard for fast and easy make ready.
 - The delivery pile high up to 1400mm

- Adjustable depressor brush can help grippers released cardboard smoothly
- Feeder speed and movement can be adjusted in delivery control panel

6) Safety

- All electronic parts are under CE approved
 - Safety sensor at feeder, every window which is allow to open, delivery part etc... protect the operator safe with producing
- Overload protector to protect the equipment
- Emergency stop buttons, quick and easy to access

4. Packaging:

Adopts moisture proof(vacuum package) and shockproof packaging suitable for long-distance road transportation and various types of weather conditions, including a full set of maintenance and operation manuals. This machine need one 40 feet open top container to load.

5. Delivery Date:

As agreed by both parties, equipment shall be delivered from Seller's within 5 working days. OTG Lithuania.

6. Terms of Payment:

By 100% T/T , buyer shall pay 30% of the contract price as deposit after signing the contract, another 70% balance amounts shall be paid before shipment.

7. Beneficiary Data:

In contract

8. Brands and Specifications for Key Components:

- 1). Crank Shafts: Nickel-chromium-molybdenum alloy steel: Imported from Japan DID and processed in Taiwan;
- 2). Worm gears and worms: Made of nickel-chromium-molybdenum alloy steel processed in Taiwan;
- 3). Bearings: Imported from German SKF, Japan KOYO and NSK;
- 4). Bottom punching section: Austria;
- 5). Die-cutting frame: Integrated molding;

- 6). Air pressure clutch: Introduced from German and Taiwanese Technology;
- 7). Main Magnetic Valve and Oil-water Separator: German FESTO
- 8). Main motor: TAIWAN TECO
- 9). Separator: Taiwan;
- 10). Main Chains: Taiwan TWC
- 11). Other Chains: Taiwan TWC
- 12). Electric components and buttons: French TE, Japanese Omron , German Siemens and German ABB;
- 13). Drive belt and conveyor belts: Japan;
- 14). Feeder head: 4 suction feeder heads and 4 delivery heads;