

## Description

Microtec Robotic Automated Peeling & Unloading Machine designed to complement our automated feeding system. This innovative device seamlessly extracts [DTF films](#) from completed heat transfers, automatically tears them off, and efficiently places the transferred items into a collection basket. This process not only saves valuable time but also significantly reduces the need for manual intervention. Say goodbye to unnecessary downtime and experience a significant boost in productivity, allowing your business to meet growing demands and stay ahead in the market.

Integrated with Microtec [4 Station Automatic Rotating Heat Press Machine](#), only one worker can transfer hundreds T-shirts or hoodies etc in one hour, providing unparalleled convenience and high efficiency for sublimation printing businesses.



## Feature

### **Complete Automation:**

This machine offers end-to-end automation in the unloading process, from tearing off DTF films to separating and placing the transferred items into the storage basket. This reduces manual labor and enhances overall process efficiency.

### **Seamless Integration:**

With its ability to seamlessly interface with heat transfer machines, our Automatic Unloading

Machine ensures a continuous production flow, eliminating bottlenecks and maximizing productivity.

**Customizable for Varied Needs:**

The machine's adaptability to different DTF film specifications and production quantities allows businesses to tailor their processes, optimizing production according to specific requirements.

**Energy-Efficient and Durable:**

Not only does it save energy with its efficient operation, but the machine also boasts a long service life, contributing to sustainability and cost-effectiveness over the long term.

**Ideal for Thermal Transfer Printing:**

Tailored to the specific needs of the thermal transfer printing industry, our Robotic Material Loading System represents an ideal choice for businesses seeking streamlined processes, reduced errors, and enhanced overall productivity.

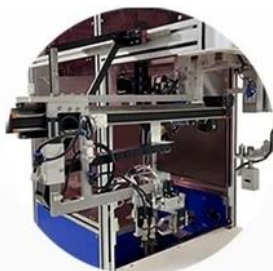
# AUTOMATED SOLUTION

Robotic Heat Transfer Printing System

Model No.: SSB-002 & SSB-003



Mechanical arm for material feeding



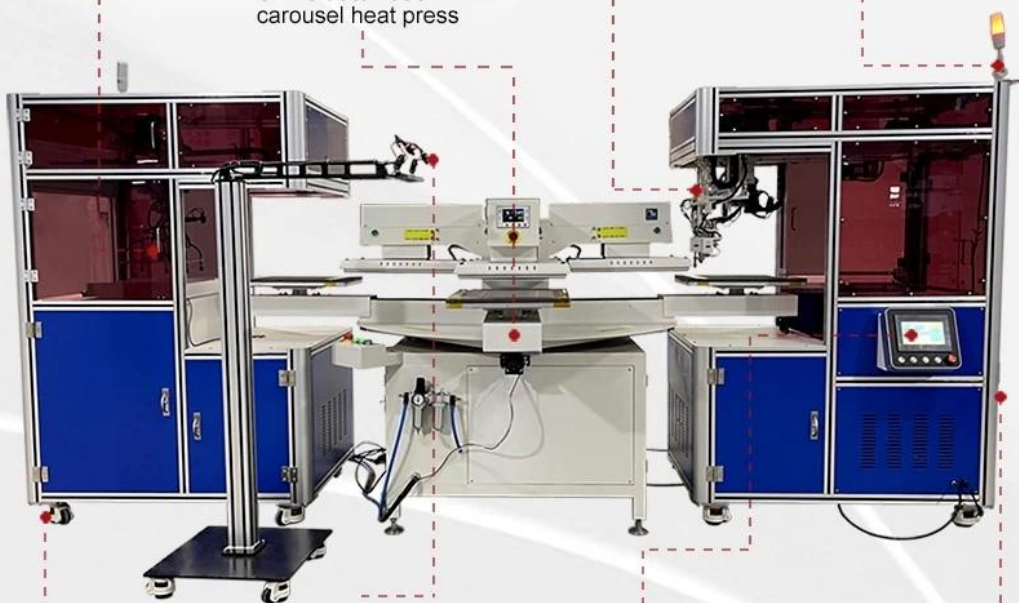
Dual robotic arm for peeling and unloading



S4-20 automatic carousel heat press



Emergency warning indicator



Brake caster for movability



Advanced PLC digital control



Infrared positioning system



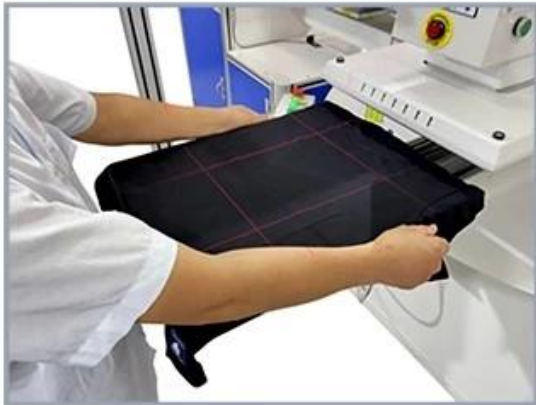
Material collection basket

## Specification

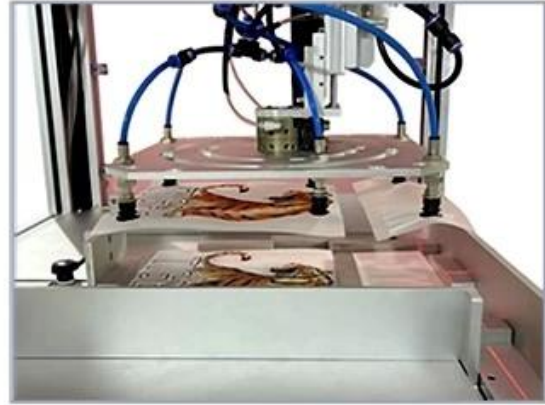
<b>Model No.</b>	SSB-003
<b>Machine Type</b>	Hi-tech Robotic, Full Automatic
<b>Controller</b>	PLC Touch Screen Panel
<b>Operation Interface</b>	K871IP Touch Screen
<b>Voltage</b>	220V, Single-phase
<b>Power</b>	1200W
<b>Air Source</b>	0.4MP-0.6MP
<b>Machine Size</b>	120x80x178cm
<b>Net Weight</b>	205kg

## Robotic Heat Transfer Printing System

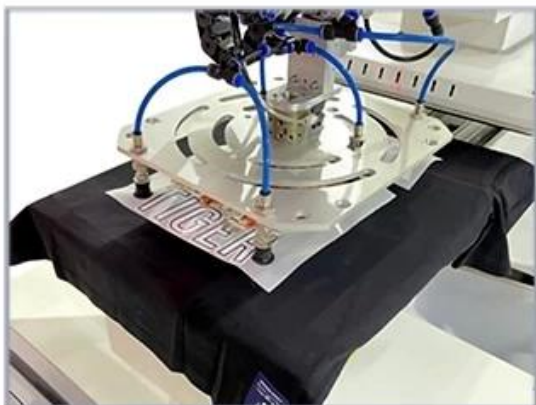
Microtec Robotic Material Loading System and Automatic Unloading Machine represent the pinnacle of efficiency and automation, offering a comprehensive solution for businesses seeking to elevate their thermal transfer printing operations.



1. Place the T-shirt onto S4 automatic carousel heat press



2. Mechanical arm grips the heat transfer material



3. Transport heat transfer materials to predetermined location



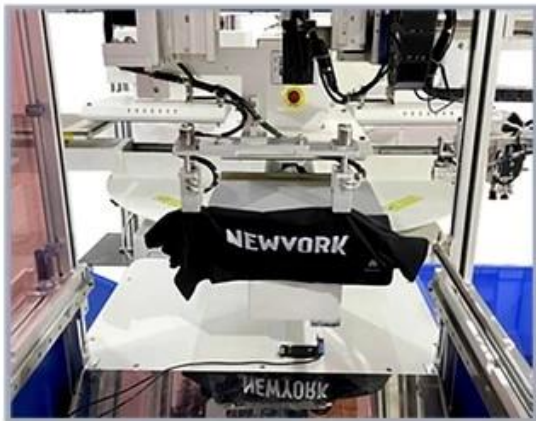
4. Heat platen is automatically pressed down for heating



5. Time is up, the under plate is automatically slide out



6. Robotic arm peels off the finished transfer film



7. Automatically grabs the transferred T-shirts



8. Placing the transferred items into the collection basket

## Gallery

