

Description

Microtec 3D printer is a high-precision, industrial-grade 3D printer. It is designed for high-volume production of complex, high-precision parts. The printer is equipped with a DTF (Direct Thermal Fusion) technology, which allows for the production of high-precision parts with a high degree of accuracy. The printer is also equipped with a robotic material loading and unloading system, which allows for the automated loading and unloading of material. This system is designed to be easy to use and maintain, and it is capable of handling a wide range of materials.

The printer is capable of producing parts with a maximum size of 1000mm x 1000mm x 1000mm. It is also capable of producing parts with a maximum weight of 100kg. The printer is designed to be easy to use and maintain, and it is capable of handling a wide range of materials.



Feature

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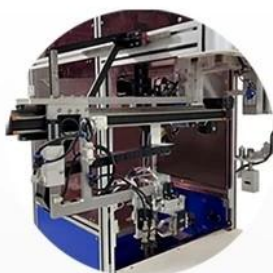
AUTOMATED SOLUTION

Robotic Heat Transfer Printing System

Model No.: SSB-002 & SSB-003



Mechanical arm for material feeding



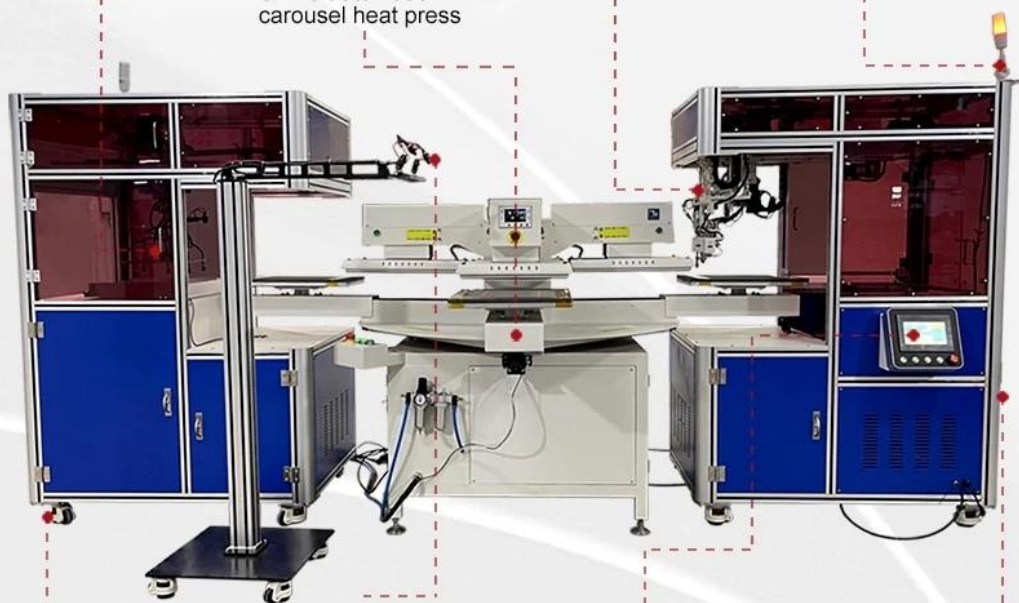
Dual robotic arm for peeling and unloading



S4-20 automatic carousel heat press



Emergency warning indicator



Brake caster for movability



Advanced PLC digital control



Infrared positioning system



Material collection basket

Specification

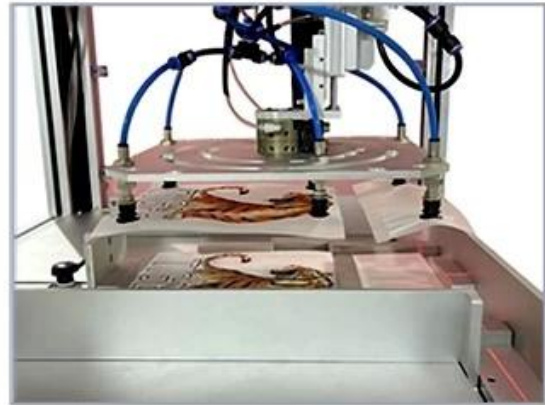
Model No.	SSB-003
Model Name	Robotic Heat Transfer Printing System
Control System	PLC Control System
Microcontroller	K8711P Microcontroller
Power Supply	220V, 50Hz
Power Consumption	1200W
Printing Pressure	0.4MP~0.6MP
Printing Area	120x80x178cm
Weight	205kg

Robotic Heat Transfer Printing System

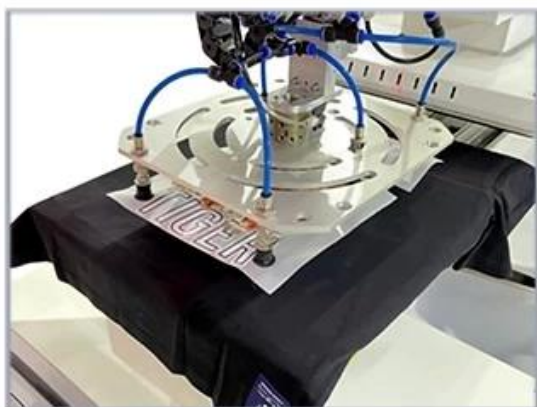
Microtec Robotic Material Loading System and Automatic Unloading Machine represent the pinnacle of efficiency and automation, offering a comprehensive solution for businesses seeking to elevate their thermal transfer printing operations.



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

