



STS C3135 FLATBED

CUTTER MACHINE

STS C3135 FLATBED Cutter Machine



Servo System



QR Code Intelligent
Hybrid Cutting



Supports all kinds
of roll-fed media



Self-Developed
Software



NET Share
Folder

KEY FEATURES

- CCD camera with intelligent edge detection.
- Supports QR code recognition for automatic detection of multiple jobs and mixed-material cutting from roll-fed media.
- Supports multiple roll-fed media and allows precise cutting or perforation within printed image areas.
- Supports multiple material types including PET heat transfer film, self-adhesive vinyl, cardboard, coated paper, and kraft paper.
- Space-saving foldable design for convenient transport and storage.
- Anti-static board for stable media feeding.

APPLICABLE MATERIALS



VINYL



CRYSTAL LABEL



CARDBOARD



COATED PAPER



DTF FILM



UV DTF A/B FILM

MACHINE Parameters



MODEL NAME

STS C3135 FLATBED CUTTER MACHINE

CUTTING CONTROL SYSTEM	High-power brushless servo motor
POSITIONING SENSOR TYPE	Digital Camera (CCD)
CONTROL PANEL	10 inch capacitive touch screen
NUMBER OF TOOL HOLDERS	1 tool holders
BLADE TYPES	Blade/ Pen / Scoring Pen

MACHINE PERFORMANCE

MEDIA HOLD METHOD	Vacuum suction
SCANNING CODE TYPE	Mark or QR code
MAXIMUM CUTTING SIZE	900 × 800 mm 35.43 × 31.50 in
SCANNING SPEED	About 5s
CUTTING SPEED	10 - 700 mm/s 0.39 - 27.6 in/s
CUTTING FORCE	0 - 750 g 0 - 1.65 lbs of force
MAXIMUM PAPER WEIGHT	Up to 400g (Varies from different cutting materials)
SHEET FEEDING METHOD	Friction feed
MAXIMUM DIAMETER OF PAPER FEED ROLL	200mm 7.87in
MAXIMUM FEED ROLL WIDTH	600mm 23.62in
SHEET FEEDING SPEED	100-600
MINIMUM CHARACTER CUTTING SIZE	About 10mm ² (Varies from contour patterns and medias)
INTERNAL STORAGE SPACE	Memory size: 128M Function: For storing cutting files use
MECHANICAL RESOLUTION	0.02mm 0.00079 in
PROGRAMMABLE RESOLUTION	HPGL 0.025mm HPGL 0.00984 in
REPEAT PRECISION	≤ 0.05mm ≤ 0.00197 in
CUTTING MEDIA TYPES	Hot Film / Sticker / Cardboard / etc.

SOFTWARE AND COMPATIBILITY

CONNECTIVITY	USB / LAN / WiFi / U disk
SOFTWARE AND COMPATIBILITY	Cut Software CutStudio / Coral Draw / Illustrator Plug-In

POWER AND WORKING ENVIRONMENT REQUIREMENTS

WORKING VOLTAGE AND CURRENT	110VAC ~ 120VAC - 50/60Hz - Maximum current 6.8A 220VAC ~ 240VAC - 50/60Hz - Maximum current 3.4A
WORKING POWER	Maximum 350W
VACUUM PUMP VOLTAGE AND CURRENT	110VAC - 50Hz - Rated current 10.8A - 60Hz - Rated current 13A 220VAC - 50Hz - Rated current 4.5A - 60Hz - Rated current 5.6A
AIR PUMP VACUUM POWER	110VAC - 50Hz - 0.75KW / 110VAC - 60Hz - 0.84KW 220VAC - 50Hz - 0.75KW / 220VAC - 60Hz - 0.83KW
OPERATION ENVIRONMENT	TEMPERATURE: +5°C to +35°C / 41°F - 95°F HUMIDITY: 30% - 75% RH (Non-Condensing)

DIMENSIONS AND WEIGHT

ACTUAL DIMENSIONS	1650×1130×1020mm 64.96 × 44.49 × 40.49 in (LxWxH)
PACKAGE DIMENSIONS	1760×1450×620mm 69.29 × 57.09 × 24.41 in (LxWxH)
GW/NW	276±5Kg/176±5Kg 608.47 ± 11.02 lb / 388.01 ± 11.02 lb

This parameter is subject to change without prior notice.
The company reserves the right of final interpretation.



10 Inch Full
Touch Screen



Cutting Coil



Connection Method
USB / LAN / WiFi / U disk



Blade / Pen
& Scoring Pen



ABOUT US

Founded in 1999, STS has established its reputation as a leader in digital printing inks manufacturing and technology. In 2005, the company took its first steps into the U.S. market with a manufacturing facility in New York. By 2009, STS had relocated and expanded its operations to Boca Raton, Florida showcasing its commitment to growth and innovation on a global scale.

As a world leader in wide format, industrial, promotional, textile, and apparel digital ink markets, STS is renowned for its application of cost-effective and cutting-edge technologies. Our commitment to innovation extends to streamlining processes and procedures, transforming ideas into reality.

STS products are distributed in over 160 countries across North America, Europe, South America, the Middle East, Africa, Asia, and Oceania. Our manufacturing principles are rooted in continuous improvement and efficiency.

We prioritize maintaining strong relationships with our OEM customers, ensuring a deep understanding of their requirements and providing comprehensive customer support from concept through the product lifecycle.

Our manufacturing assets, including three fully equipped labs and a 50,000 sq. ft production facility in Boca Raton, Florida, enable us to support processes ranging from simple to highly complex. Additionally, our presence extends globally with offices and warehouses in Bulgaria and Colombia, facilitating fast and easy distribution to our customers.



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