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# STS C3135 FLATBED

CUTTER MACHINE

[WWW.STSINKS.COM](http://WWW.STSINKS.COM)

# 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 <sup>2</sup> (Varies from contour paters 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 - 0.84KM 220VAC - 50Hz - 0.75KW / 220VAC - 60Hz - 0.83KM
OPERATION ENVIRONMENT		<b>TEMPERATURE:</b> +5°C to +35°C / 41°F - 95°F <b>HUMIDITY:</b> 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



10 Inch Full  
Touch Screen



Cutting Coil



Connection Method  
USB / LAN / WiFi / U disk



Blade / Pen  
& Scoring Pen

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



## 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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