

CNC FLATBED DIGITAL CUTTER

— SUBLISTAR DTF CUTTER SC-6090/SC-A3 PLUS —



(SC-6090)



(SC-A3 PLUS)

CUTTING MACHINE WORKFLOW

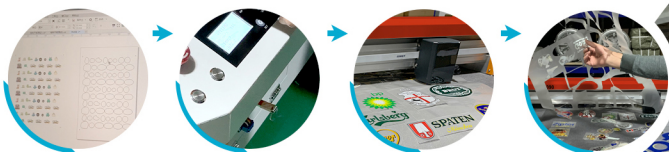


-  **Step 1**
Create Design
-  **Step 2**
Input File
-  **Step 3**
Cut Design
-  **Step 4**
Weed



SC-A3 PLUS

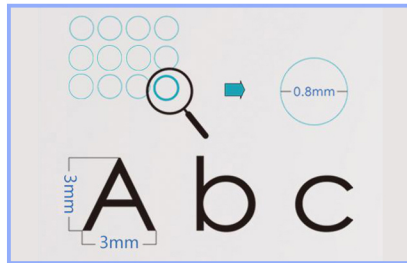
CUTTING MACHINE WORKFLOW



-  **step 1**
Create Design
-  **step 2**
Input File
-  **step 3**
Cut Design
-  **step 4**
Weed

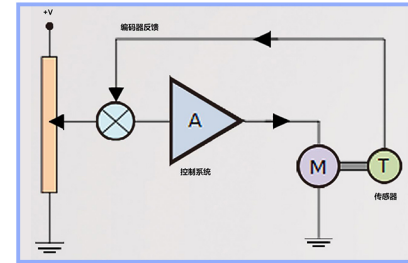


SC-6090



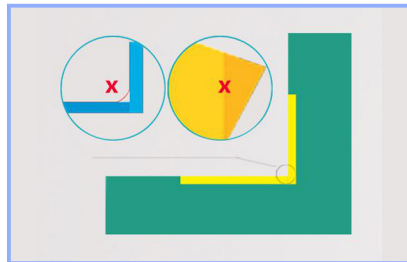
HIGH PRECISION

Sublistar flatbed cutter Series is able to cut small text strings, and it is easy to tear off the scraps.



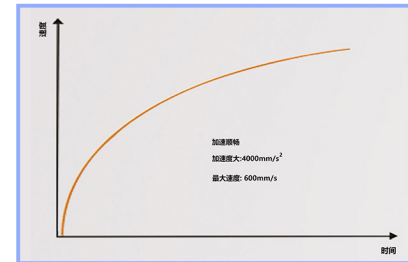
SERVO MOTOR/ CLOSED LOOP CONTROL

Cutting / Plotting will be stopped when tool carriage is overloading, it is an important safety feature to protect tool carriage when media is jammed.



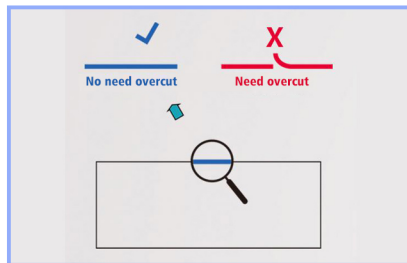
ADVANCED ALGORITHM

Obvious elimination of distorted, rounded or lifted corners.



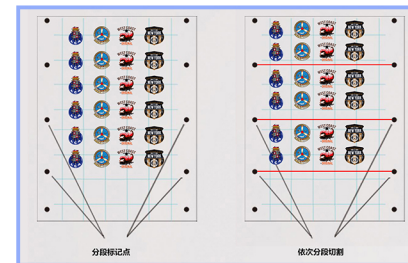
FAST CUTTING/ PLOTTING OPERATION

Fast speed for volume production: Servos bring out smooth acceleration, big torque, precise cutting /plotting and excellent durability.



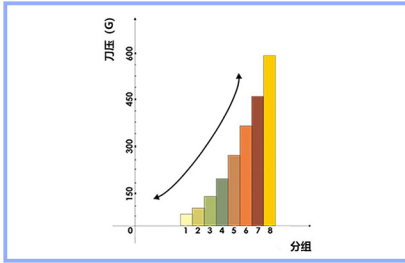
NO NEED OVERCUT

In every cutting path, the start and end nodes join with each other accurately, while no need to setup any overcut.



SEGMENTED AREA CUTTING OPERATION

Additional Registration Marks are available for more precise axis alignment. Contour cutting is performed sequentially in each segmented area, which improves accuracy and tracking for long roll media, heavier media or media that has been laminated.



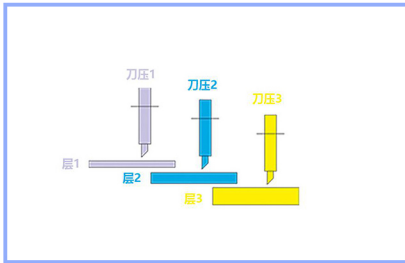
CUTING FORCE IN 8 STEPS

Color the cutting paths differently for various force steps, set the processing sequence as color sequence.



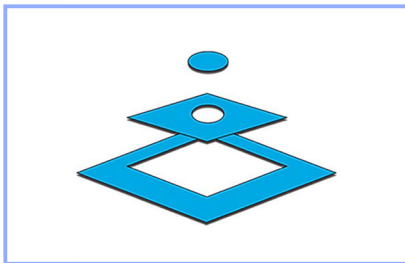
SCANNING BAR-CODE WHEN OFFLINE

One-click to recognize the cutting job from those saved in the USB memory by scanning the Bar-code which is pre-printed, while not requiring to connect to computer. This function is especially helpful to increase the productivity when there are many files stored in the USB memory. USB memory/ offline function is able to send same cutting job repeatedly.



MULTIPLE LAYERS SOLUTION

For medias with multiple layers, different cutting force is applied for different layer.



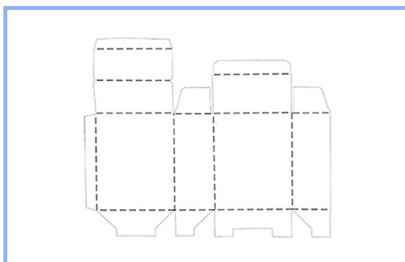
HALF CUT /PERF CUT

Half cut / Perforation cut are available, every time you may carry out either one or both.



FAST REGISTRATION MARKS DETECTION BY CCD CAMERA

With Gunner's software, it is able to generate contours in one-click, it is able to add registration marks easily also. CCD camera, used in combination with related software is applied to detect the intricate dieless contours fast and more efficiently. Problems caused by positioning error of human, poor quality printing are resolved using the CCD camera. CCD camera is applicable for wide varieties of medias.



DOTTED LINES CUTTING

Dotted line cutting is typically available for medias with 2 layers and also kinds of paper.

SPECIFICATION

MODEL	SC-A3 Plus	SC-6090
WORKING SIZE	350 x 450mm	610 x 900mm
APPLICABLE MEDIA THICKNESS	0.03 -1mm	
APPLICABLE MEDIA	Soft and medium rigidity medias	
METHOD TO FIX MEDIA	Vacuum pump and or adhesive mat	
MAX. CUTTING SPEED	600mm/s	
MAX. CUTTING FORCE	600G / 5.8N in 8 steps	
CUTTING FORCE SETUP	Adjustable in every 1G	
CUTTER BLADE DIAMETERS	Φ0.9mm, Φ1.5mm, Φ2.0mm	
CUTTER BLADE ANGLES	30°, 45°, 60°	
DOTTED LINES CUTTING	Included	
DRIVE	AC Servo	
MECHANICAL RESOLUTION	0.0125mm	
COMPATIBLE OS	Win10 / 8 / 7 / XP	
MEMORY BUFFER	2MB	
SOFTWARE	Windows Driver, SignWorkPro, CADtoPlotpro	
LCD	English	
FILE FORMAT	HP-GL, PLT	
PORT IN STANDARD	USB, RS-232	
REGISTRATION MARKS RECOGNITION	GARMS with Red laser sensor	
POWER INPUT	110 - 220V AC, 50 - 60Hz	
POWER CONSUMPTION IN TOTAL	620w	900w
CUTTER HOLDER / PEN HOLDER	1 for each	
TYPES OF PEN	Water based fiber-tip pen & Oil based ball pen	
MEDIA BRACKET	Included	
PACKAGE SIZE L- W- H	1050 x760 x 600mm	1350 x1220 x1220mm
GROSS / NET WEIGHT	67 / 52kg	160 / 90kg

APPLICATION



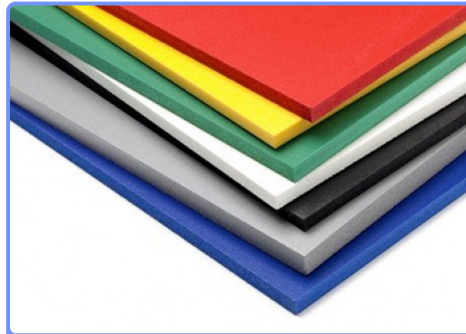
Cardboard



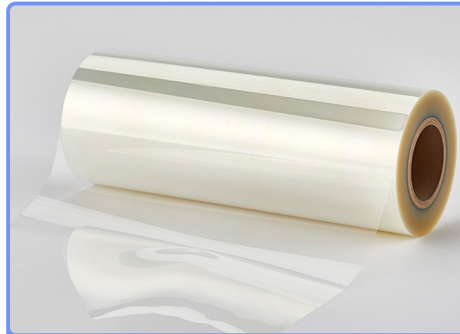
Vinyl Sticker



Label



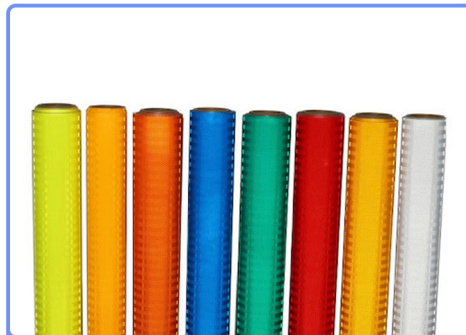
PVC



PET Film



PP Film



Reflective Film



Adhesive Sticker



Magnetic Sticker