

## VARIETY OF TOOLS



### Passive cutting tool

Two passive cutting tool with holder included half through cutting tool on label, sticker, vinyl, etc  
Through cut tool to make through cutting on cardboard, vinyl, stickers, car stickers, reflective films, etc



### Universal cutting tool

UCT is a non motor-driven tools which is perfect for through cutting material at high speed. Suitable for soft material  $\leq 5\text{mm}$



### Creasing wheel tool

Develop according to special industries, the pressure can reach 4Kg, the indentation is clear and easy to fold. Crease corrugated and non corrugated cardboard as well as some corrugated plastic, foam boards and thin plastics.



### V-cut tool

The V-cut tool is the perfect tool for producing complex structural designs from foam-core or sandwich board materials.



### Electric oscillating tool

Electric oscillating tool cuts through material according to the theory of ultra-frequency oscillation. It is equipped with multiple amplitude knives for different materials which ensures high speed, efficiency and quality. Electric oscillating tool makes it possible to cut material up to 20mm.

# TPS

INSERT NORD 

## S2+ Series

## Digital Die Cutter



The TPS S2+ series digital auto-feed flatbed cutter is the best one in the market of automatic plotters with interchangeable tools for specific and professional processes to handle not only prototyping, but also for small production. Capable of handling plasticized prints (up to 20mm with oscillating cut) sheets are automatically managed allowing for unparalleled operator freedom.



Model No	S2+4060	S2+6090	S3 1310
Overall dimension (L*W*H)/mm	2460*975*1145	3250*1310*1245	2195*1710*1245 (with feeder)
Universal module	1	2	2
Work area	400*600mm	600*900mm	1300*1100mm
Auto-feeder	Integrated	Integrated	Separated
Collection tray	Included	Included	Null
Max cutting speed	1m/s		
Work platform	Aviation aluminum platform and conveyor carpet		
Max cutting thickness	10mm	20mm	20mm
Applications	Applied to paper, card board, sticker, reflective material, corrugated board, PVC sheet, foam board, etc.		
Cutting tools	EOT, UCT, Creasing wheel, Kisscut tool, etc.		
Beam height	30mm	60mm	60mm
Material fixation method	Vacuum adsorption		
QR code function	Included		
Interface connectivity	PCIE slot		
Positioning method	CCD camera, red light		
Cutting accuracy	±0.1mm		
Air pressure	0.7mpa		
Drive system	Servo motor, linear guide and timing belt		
Number of motor	4pcs	5pcs	5pcs
Working environment	Temp.: 0°C-40°C ; Humidity : 20%-80%RH		
Equipment power	2.8Kw (220V/50Hz)	3.2Kw(220V/50Hz)	3.2Kw(220V/50Hz)
Vacuum pump power	1.1Kw	2.2kw	2.2kw
Net weight	350Kgs	460Kgs	660Kgs
Warranty	12 months after machine installed		

#### Key Applications

Labels and stickers  
 Custom boxes  
 Pocket folders  
 Door hangers  
 Foam board signage  
 Greeting card

#### Features

Easy job file preparation and set up  
 Automated registration and changeovers  
 Integrates with workflow to apply registration marks and QR code  
 Quadruple tooling head and tpscuttingstudio software