The i-TL is a large format cutting system and is the natural choice for industries requiring automatic processing. The system is packed with features and is capable of full cutting, half cutting, engraving grooving and marking.

The i-TL delivers precise cutting performance to meet the user's large format requirements. The i-TL has a user-friendly operating system enabling the operator to obtain perfect processing results.

Features of the system include:

- High efficiency cutting heads
- Automatic camera positioning system
- Diverse cutting heads
- Automatic Knife Initialisation system (AKI)
- Dual beam cutting system
- Anti-collision protection device
- Motion control system
- Continuous cutting system
- Page cutting function
- Aviation aluminium honeycomb panel
- Flexible work area
- X-Axis two motor balancing

- The i-TL provides a total solution for a wide variety of materials in the automotive industry
- Can replace manual processes on the composite material production process improving accuracy
- Provides an integrated cutting solution to Brand garments and advanced custom made garments

- Equipped with various tools the i-TL provides a complete large format solution to the graphics and advertising industry
- The versatility and accuracy allows the i-TL to significantly improve material utilisation and improve cost effectiveness in home textiles

Markets

Technical textiles, Packaging, Flat gaskets, Signs, Graphics, Carpets, Coverings, Tents, Sails, Apparel, Furniture, etc.

Materials

Composite material, Rubber, Plastic, Laminates, Carton, Cardboard, Paper, Carbon fibre, Goretex, Graphite, Felt, Textiles, etc.

♦ Dual beam cutting system highly increases production efficiency
♦ X-Axis two motors with balancing technology for accurate and stable transmission
♦ Diverse cutting tools allow for punching, notching cutting & milling ideal for use in various diverse industries

EOT

Electronic Oscillating Knife for cutting soft and medium density material. Available with 1mm stroke

UCT

Universal Cutting Tool, used for through-cutting materials up to 5mm in thickness. High speed, low cost
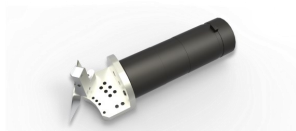
KCT

Kiss Cutting Tool is used for cutting vinyl, foil, films, thin paper, cardboard and other thin materials

DRT

Driven Rotary Tool for cutting textiles

V-CUT

This tool is perfect for producing complex structural designs from foam core or sandwich board. The tool can be set to 5 different cutting angles 0°, 15°, 22.5°, 30° and 45° respectively
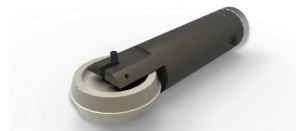
RZ

The router with high rotary speed (up to 50,000 rpm) delivers solid performance in a range of applications on hard and soft form materials alike. It can be used for precise engraving. The special dust extraction can reduce the waste

POT

The Pneumatic Oscillating Tool is an air-driven tool with high oscillating frequency. The stroke up to 8mm is suitable for cutting hard, high density materials. It can cut materials up to 50mm in thickness with a special

CTT

The Creasing Tool is used to do the creasing on the corrugated materials, different creasing tools for different materials can make perfect creasing

Technical Specifications

		LENGTH (mm)			Customized Size
		2500	3500	5500	
WIDTH (mm)	1600	i-TL 2516 *Cutting area: 2500 x 1600* *Floor area: 3300 x 2300*	i-TL 3516 *Cutting area: 3500 x 1600* *Floor area: 4300 x 2300*	i-TL 5516 *Cutting area: 5500 x 1600* *Floor area: 6300 x 2300*	Based on the standard size of i-TL, can customize the machine according to special requirements
	2100	i-TL 2521 *Cutting area: 2500 x 2100* *Floor area: 3300 x 2900*	i-TL 3521 *Cutting area: 3500 x 2100* *Floor area: 4300 x 2900*	i-TL 5521 *Cutting area: 5500 x 2100* *Floor area: 6300 x 2900*	
	3200	i-TL 2532 *Cutting area: 2500 x 3200* *Floor area: 3300 x 4000*	i-TL 3532 *Cutting area: 3500 x 3200* *Floor area: 4300 x 4000*	i-TL 5532 *Cutting area: 5500 x 3200* *Floor area: 6300 x 4000*	

Pump Vacuum	1-2 Unit(s) 5.5kW	2-3 Unit(s) 5.5kW	3-4 Unit(s) 5.5kW
Beam	Single Beam	Single or Dual Beams	
Speed	1500 mm/s		
Cutting Accuracy	0.1 mm		
Thickness	50 mm		
Data Format	DXF, HPGL		
Interface	Serial Port		
Media	Vacuum System		
Power	220V / 50Hz 380V / 50Hz		
Operating Environment	Temperature 0°C-40°C Humidity 20% - 80%RH		