



**TRUE COLORS<sup>®</sup>**  
LEADING TECHNOLOGIES

# Digital Cutting Machine

## TR-X1-2516

Stable/ Accurate/ Efficient/ Fast



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## Technical Specifications

Model	TR-X1-2516
Max. Working Size	2500mmX1600mm
Machine Dimension	3744X2613X1374mm
Running Speed	100 meter/ min
Cutting Speed	70 meter/ min
Cutting accuracy	0.1 mm
Max cutting thickness	<50mm, depends on which tools you choose and what materials you cut
Data format	DHX, HPGL, PDF
Interface	Ethernet Port
Working table	Vacuum table
Vacuum pump	7.5KW vacuum pump or 2.2KW*2pcs
Working Environment	Temperature 0°C - 40°C; Humidity 20% - 80 %RH
Working voltage	Machine: 220V, 1ph, 50/60HZ; Vacuum pump: Standard 380V,3ph,7.5W; optional 2pcs of 20V, 1ph, 2.2KW
Packing Size	Need to remove the gantry before packing

\*Specification are subject to change without prior notice This catalogue is not subject to any legal proceedings. \* Under test condition. \* Actual Image may vary.

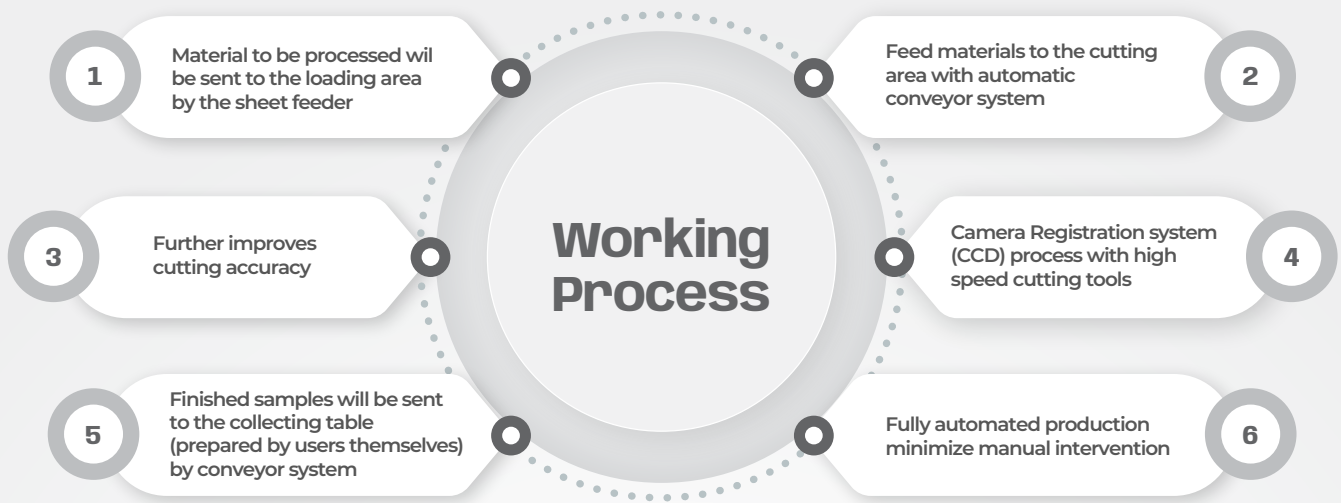
## Power Consumption

	TR-X1-2516
Machine: 220V, 1ph, 50HZ	Vacuum pump 380V, 3ph, 50HZ, 7.5KW
Consumption: 4KW, about 15A	7.5KW, about 18A

	TR-X1-2516
Machine: 220V, 1ph, 50HZ	Vacuum pump 220V, 1ph, 50HZ, 2.2KW* 2pcs
Consumption: 4KW, about 15A	2.2KW* 2pcs, about 20A

## Advantages

- Aluminum honeycomb platform Flatness accuracy: 0.03MM
- High rewinding precision, feeding rewinding does not rebound
- The machine testing speed: 120m/min;
- Cut 6mm small circles at a speed of 70m/min;
- High Speed cutting curve without shaking
- High Speed cutting small circle without deformation



## Key Features

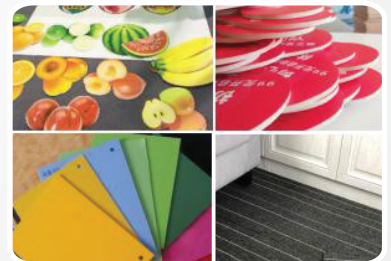
- **Replaceable Tool Mode :** Replaceable tool mode, optional choosing appropriate can quickly and accurately achieve intelligent cutting of different kinds of materials.
- **Intelligent safety system :** intelligent anti-collision and infraed blocking to maximize the safety of opetators.
- **Intelligent cutting system :** simple and easy to operate, compatible with a variety of software, convenient and fast.
- **Intelligent feeding system :** To achieve continuous feeding, improve work efficiency, to achieve long span cutting
- **Strong insustrial machine boy,** support fast running without vibration.
- **Vacuum working table with high suction force.**

## Standard equip double tool Modules with two heads



EOT- Electronic Oscillating Knife

The EOT (Electronic oscillating) head, cutting materials by ultra-high speed reciprocating motion driven by motor, especially suitable for medium density material cutting. Apply to cut advertising KT board, foam board, ABS plastic corrugated plastic board, cardboard, grey cardboard, silk ring pad, carpet, etc



UCT- Universal cutting Tool

The UCT (Universal cutting) head, by making the blade quickly moving, realize the material cutting processing, cutting materials at the fastest processing speed. It can cut PP paper, PP gum, reflective materials, car stickers, ABS plastic, thin plastic, blanket, imitation leather, KT board, snow board, cardboard, soft glass and so on.



## Optional cutting heads according to your needs



The KCT (Kiss cut) head achieves only cut through the upper half of the material, but not cut to the lower half of the material. It can process labels, stickers, Vinyl, reflective stickers, magnetic stickers, PP paper, PP gum, rubber cloth, imitation leather, cardboard, soft glass, etc.



The V-cut tool can process different specification of V-shaped grooves and bevels by changing the installation angle of the cutting blade (0°, 15°, 22.5°, 30°, 45°). It can process soft glass, PVC, honeycomb board, KT board, corrugated paper, vertical corrugated board, gray board and so on.



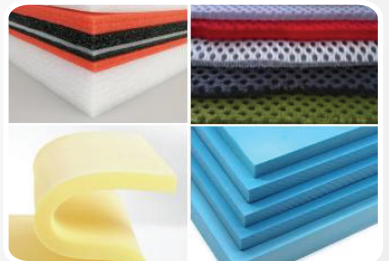
The RZ (Router tool) head, high power and high speed motor is used to drive the milling cutter to rotate at high speed to cut the material. It can process acrylic, aluminum - plastic board, density board.



The CTT ( Creasing Type Tool) head, which is rolled over the material by a circular wheel, produces an indentation effect on the material. With different specifications of wheels, it can achieve different indentation effect. It used for making creases on cardboard, corrugated paper, corrugated plastic board, honeycomb board etc.



The POT ( pneumatic oscillating tool) , through compressed air to drive the blade high-speed reciprocating motion to cut the material, suitable for medium and low density soft thick materials, as well as dense, tougher thin materials, like pearl cotton, sponge, EVA and other foam materials, sole materials.



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