



TekFeld

টেকফেল্ড ইন্টারন্যাশনাল

Machine | Spare Parts
Service | Support



TEKFELD INTERNATIONAL

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About Us

The Best Service at the Best Value

TEKFELD INTERNATIONAL was founded in 2015 by owner Engr. Md. Sultan (DUET). It is our goal to offer you the best service at the best value.

TEKFELD INTERNATIONAL is professional in Supplying and Providing technical support to Laser equipment like Laser cutting machine, Laser engraving machine, Marking machine etc.

It is our goal to give our customers the best products at the best prices. We take pride in our work and it shows. Our employees share the same values and are the best in the business. Let us be there for you for all of your industrial needs.

OUR ADVANTAGE

Professional technology and best service ensure that we will meet your requirements perfectly, even beyond your expectation.

Powerful producing efficiency guarantees the punctuality of supply.

Great honor stands for our credit and integrity, you can trust us.



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Laser Marking Machine



Specification

Machine model	TFM - 3/5/20/60/80/100 F/C/UV
Laser power	60W/80W/100W
Laser source	Raycus/Rofin/coherent/Synrad
Total power	20/30/50/60/80/100/150/180/250W
Response time	0.5ms
Marking lines	1-10 lines (in the marking area)
Minimum character	0.15mm
Resolution ratio	0.1mm
Operating system	Microsoft windows
Graphic format supported	Bmp, jpg, gif, tga, png, ti, ai, dxf, dst, plt etc.
Operating System	Microsoft Windows
Temperature	5°C-40°C
Supply voltage	110V/220V / 50 HZ / 10A
Working area	70*70 ~ 800*800mm field lens for choose
Laser wavelength	1064mm
Frequency of pulse	20-80KHz
Marking speed	0-10000mm/s
Minimum line width	0.1mm/0.25mm
Repeatability accuracy	+0.002mm
Marking content	Text, pattern, date, bar code etc.
Control software	EZCAD/Lightburn Software(optional)
Unit power	10.5kw
Relative moisture	<190%, no fog
Laser wavelength	<1064mm
Weight	100/200KG

Application & Productivity

Mobile phone keypads, nonopaque plastic keypads, electronic components, integrated circuits (IC), electrical appliances, communication products, sanitary wares, tool accessories, cutters, watches, glasses, jewelry, auto parts, boxes, Stainless Steel etc.

Summary information

1. 100,000 hours lifetime, compact design.
2. High speed 7000/s
3. Mini metal laser engraver adopting imported original fiber laser.
4. Laser beam quality of metal laser engraver is much better than traditional solid laser marking machine.
5. Imported galvanometer scanning system which makes the optical model nice and beam quality is excellent. Also without any problem even marking.

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Tekfeld International

Laser Cutting Machine

Up-Down Table

RECL Co2 Laser Tube

Rotary Casing

Red Dot Point

Auto Feeding/Rolling Bed/
Blade Table/Honeycomb

Camera Machine/CCD



Technical Information

Laser Type : CO2
Engraving Speed : 500/1200mm/s
Repeat Accuracy : ± 0.05 mm

Overall Power Consumption: <1250w
Working Voltage : 220 $\pm$ 10% 50Hz (60Hz)
Operating Temperature : 0-45°C
Operating Humidity : 5%-95%
Controlling Software : Leetro/ RD/ Yueming Laser Software
Graphic Supported Format : CAD, BMP, JPG, PNG, TIF, PCX, TAG, 100, GIF, PLT, AI, DXF.

Applicable Materials

Paper, Leather, Cloth, Organic Glass, Resin, Acrylic, Plastic, Bamboo & other Non-metal materials.

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Application Samples



Leather



Wood



Cardpaper



Lightback Panel



Label



Jeans

Tekfeld International

Refil & Service



Glass Tube



Synrad Tube



Reci Tube

Laser Tube

30W L: 600mm	40W L: 700mm
60W L: 1250mm	80W L: 1600mm
80W L: 1270mm	100W L: 1470mm
130W L: 1670mm	150W L: 1670mm
45W L: 800mm	50W L: 1000mm
180W L: 1850mm	

High Quality Power Supply



40W, 50W, 60W, 80W, 100W,
120W, 130W, 150W, 180W

Transformer



Focus Lens



USA CVD ZnSe



China PVD ZnSe



GaAs

F: 12	F: 18	F: 19
F: 20	F: 25.4	F: 27.94
F: 38.1	F: 50.8	F: 63.5
F: 76.3		

Mirrors



Si



MO



CO2 Galvo Mirror

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Tekfeld International

Mechanical Parts



Honeycomb Table



Belt



Timing Belt



Cable Chain



Kit: Head Set



Rail Slider



Bearings



Tube Holder



Gear Base

Auxiliary Parts



Air Pump



Ventilation Pipe



Water Protection



Red Laser Locator



Proximity Switches



Industrial Chiller



Water Pump



Data Cable

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Control & Driver



Laser Controller



Stepper Driver



Switching Power Supply



Stepper Motor

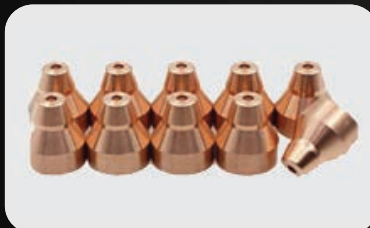


Servo Motor



Gelvo Head

Other Parts



Plasma Nozzle



Plasma Nozzle



Laser Induction Cable



F-Theta Scan Lens



Preamplifier



F-Theta Scan Lens



PTFE Washers



Laser Goggles



Fiber Nozzle

Our Other Machines



UV Printing Machine



Heat Press Machine



Laser Stripping Machine



Bias Cutter Machine



CNC Machine

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Our Other Machines



Digital Printing Machine



Screen Printing Machine



DTF Printing Machine

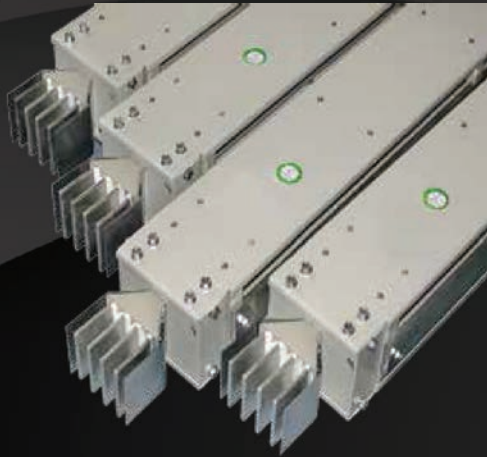


Fabrics Inspection Machine



Cutting Plotter

Up Coming Product



Busbar Trunking System
Origin: China, Turkey

Busbar Trunking System is the is a system of distributing electric power using copper or aluminium busbar with suitable enclosures and good amount of protection to prevent the cables from getting damaged due to foreign bodies. Busbars are now becoming irreplaceable simply because of the convenience and safety factor.

Advantage: Bus bars reduce system costs, improve reliability, increase capacitance, and eliminate wiring errors. They also lower inductance and increase capacitance. Plus, the physical structure of bus bars offers unique features in mechanical design.

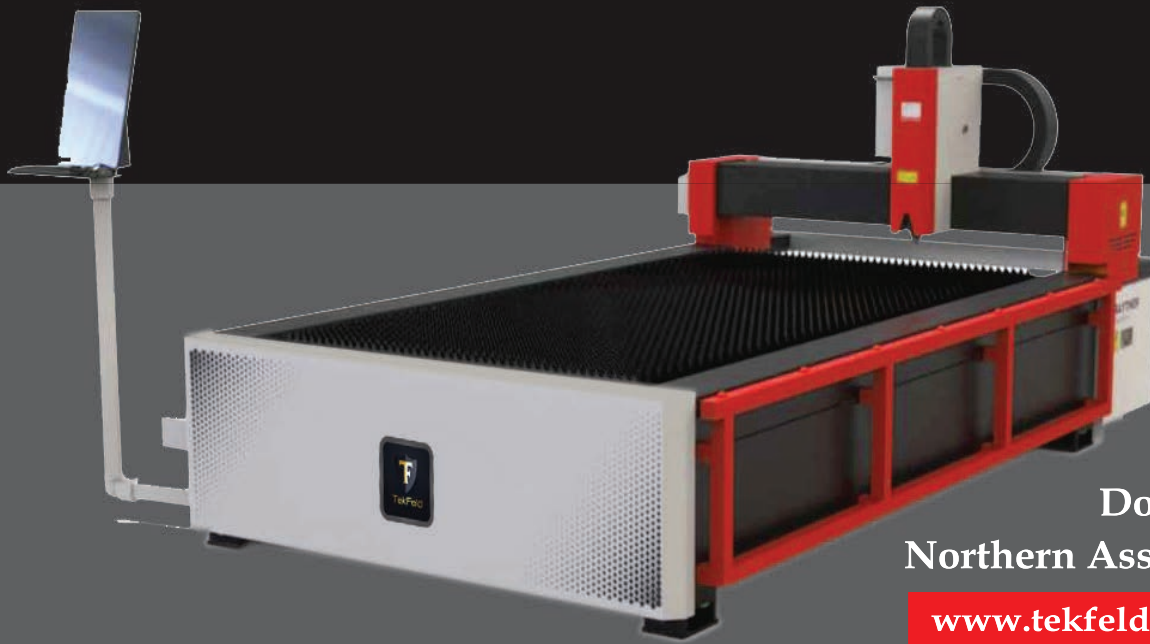
Some of Our Client List:

- Trio Holograme
- Noman Group
- Artico
- Jay Jay Mills Bangladesh Limited
- Hamko
- Palmal Group
- Amicon
- Holo Plus
- It's Metal
- Aesthetic
- Hashi Ad
- Shahin Master
- BP Foot Wear
- Cotec Bangladesh
- Stylo
- Power Vision Laser Center
- Sign Plus
- Sajjad Metal
- Amigo Biz
- Bea Con Knit Wear
- Green Life Knit Composite Limited
- Innovate, Chittagong
- JD Sports
- Kabbo Kotha
- Khan Products
- Raju Metalic
- Signage
- Unitect
- Vai Vai Metal
- Sattar Trading Corporation
- SS Enterprise
- Tamim Hardware
- Tayeb Enterprise
- Winda
- Work Station
- Zaman Marketing
- Business Solution
- Team Group
- Panam Group
- Mony Metal
- Rony Laser Cut
- Bangladesh Krishi University (Maymanshingh)
- AR Digital
- Laser Craft
- Neenty International
- New Color Point
- Platinum IT
- Paragati Electroplating
- Quality Sign



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Double A
Northern Associates

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■ MACHINE

■ ALL LASER SPARE PARTS

■ SUPPORT

■ SERVICE



Tekfeld International website



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