



**E3 SYSTEMS LTD.**

YOUR ONE STOP MARKING AND DECORATING SOLUTION PROVIDER SINCE 1975



CFIB



# KCTP-F20

## Fiber Optic Laser

A brand new perception in Pad Printing. KCTP-F20 is a Computer-to-Plate Laser-engrave machine developed only for pad printing plates engraving.

The KCTP not only cut the old chemical etched steel printing plate cost up to 50%, it will also improve environment by eliminating: positive film, emulsion coating, developing, cleaning process and all chemicals involved which includes corrosive etching acid.

## SPECIFICATIONS

Laser type:	Fiber Laser
Wavelength:	1062nm
Laser beam power:	20W
Switching frequency:	20K - 80KHz
Mode:	M <sup>2</sup> <2
Marking area:	Ø100mm (larger size optional)
Marking speed:	up to 8000mm/second
Minimum line width:	<0.03mm
Minimum character size:	0.2mm
Power supply:	220V 50/60Hz 13Amps
System dimension:	700 x 950 x 1,200 mm
Cooling:	Air cooling system

## FEATURES

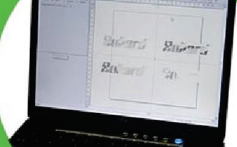
- ✦ The KCTP-F20 is the first laser machine developed totally for pad printing die plates engraving
- ✦ Latest Fiber Optic laser generator with less than 0.02mm beam diameter
- ✦ Couple with high accuracy galvo scanner motors for laser processing
- ✦ Ideal for Green plate (G-plate) for pad printing
- ✦ High engrave resolution up to 175 lpi
- ✦ Able to handle half-tone images with special program
- ✦ Granite stone laser head platform to ensure vibration free lasering
- ✦ Precision ground cast iron "dean-on" vacuum engraving platform for 0-adjustment engraved image to KENT pad printer systems
- ✦ Able to engrave 2 different images on same Green plate at any given time
- ✦ High precision repeatable engraving depth
- ✦ Long laser head life - up to 100,000 working hours
- ✦ AI, TIFF, JPG, BMP, PLT, EPS file compatible
- ✦ Ultra true dimension control with sophisticated software
- ✦ User friendly graphic for laser operation monitoring



# APPLICATIONS



Digital Artwork File



## INDUSTRIAL PRODUCTS



10 mm Steel Plate



or

Green plate



## Dead-on Registration



## Pad Printing



\*Please note that actual output may be affected by print requirement, ink drying condition, load/unload arrangement, pad stroke speed, pad hardness, production setup, product quality and production control.

Ask us for a special pricing on a complete package which includes FCTP-F20 Laser Engraving System, Starter Package, Delivery, Set-up and Training.



**Lease from \$99.99 per month O.A.C.**

This special financing program has been created to give you the opportunity to begin cash flow stream during your first 12 months. Lease through National Leasing: 100% Business Write Off, 5 Year Fixed Rate Lease, No Money Down, No Up Front Administration Fees, \$99.99 Per Month For The First 12 Months With A 10% Early Purchase Option On Approved Credit. Other Terms Available.

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