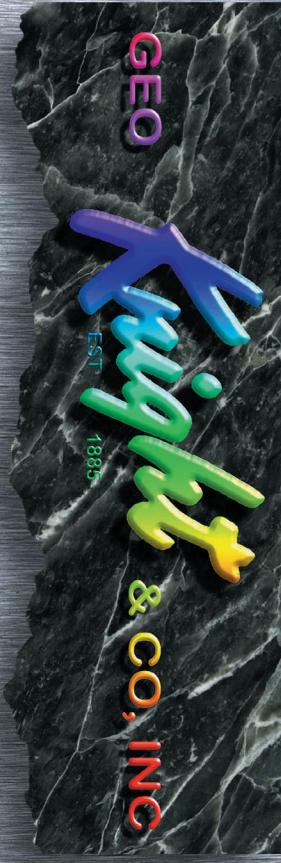
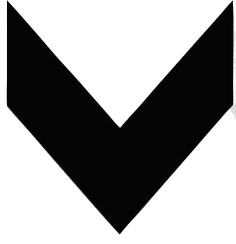


Images onto the Extraordinary!

HEAT TRANSFER PRESSES



Industrial grade
machinery manufactured
Since 1885



DIGITAL KNIGHT

State of the art
press technology
built to last

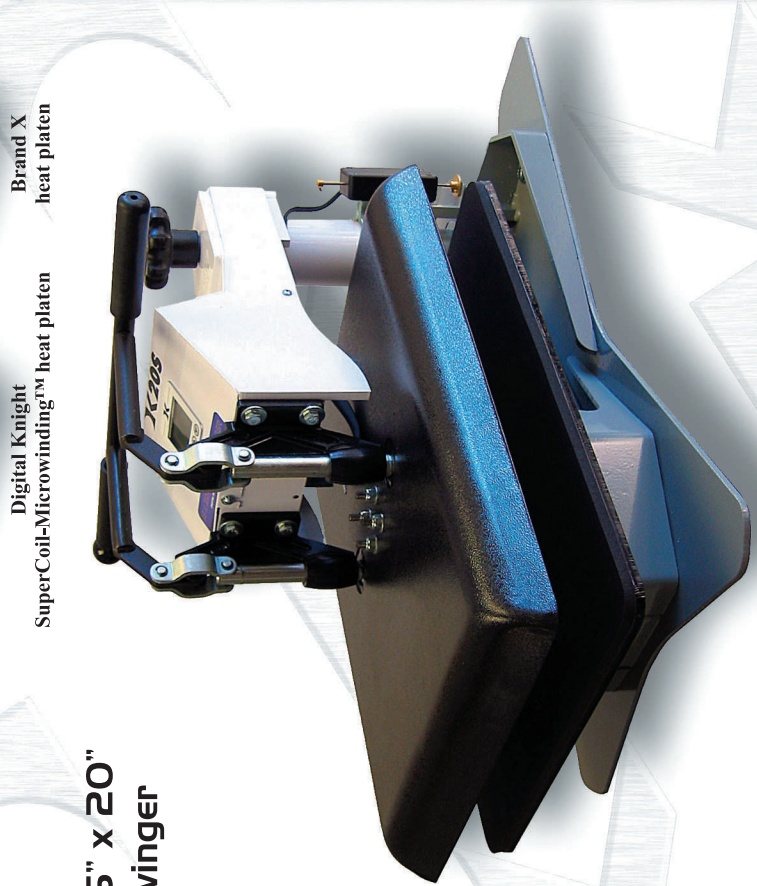
The Digital Knight line of transfer presses is the culmination of over four decades of perfecting the design, mechanics and technology of heat press machinery. All of these commercial digital presses by Geo Knight & Co boast heavy steel welded frameworks built to hold up over many years of heavy use and stress.

At the heart of these machines is a state-of-the-art digital microprocessor control and proprietary heat control circuit field tested beyond 10 million heating cycles. This allows for an unprecedented 3 year warranty on the control. The Digital Knight controller features an oversized Bright Blue Backlit LCD display for easy reading of time, temperature, and pressure bar graph readings. The controller has a surprising array of extremely useful features, such as user programmable presets, automatic timing, dual prepress cycle timers, odometer, selectable alarms and much more. Overall, the extremely accurate control and intuitively easy to use interface makes for a reject-free production environment.

The heaters on all platens of the Digital Knight line use an exclusive coil winding technology for dramatically superior evenness and speed of heating. Our SuperCoil-Microwinding™ heater technology outperforms and out heats all else. Of course, all Geo Knight & Co heat platens are lifetime warranted and guaranteed against cold spots.

DK20S 16" x 20" Digital Swinger

- Fully digital temperature control
- Automatic digital timer w/ pre-press
- Digital pressure bar graph
- 70 Programmable presets
- Solid steel welded framework
- Interchangeable tables
- SuperCoil-Microwinding™ heater technology
- Accommodates materials up to 1" thick
- Temperature readout accuracy +2°F
- User selectable end-of-cycle alarms
- Records number of pressing cycles done
- Teflon-coated 3/4" thick heat platen
- Lifetime warranty on heat platen
- 3-year warranty on control
- 1 year warranty on entire press
- Elec: 120V-1800W-15A / 220V-1800W-8A
- Dims: 32"L x 18"W x 18"H - 200 lbs



Digital Knight SuperCoil-Microwinding™ heat platen

Brand X heat platen



Digital Knight SuperCoil-Microwinding™ heat platen

Brand X heat platen

The Digital Knight line of presses are available from:



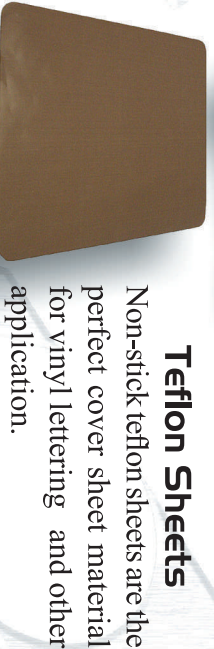
Heat Conductive Silicone Pads

Conductive 1/8" thick green temp pads for miscellaneous rigid surfaces.



Nomex Pads

Soft and heat resistant nomex pads are used for tile printing and radius wrapping. Also useful for extra soft material support.



Teflon Sheets

Non-stick teflon sheets are the perfect cover sheet material for vinyl lettering and other application.



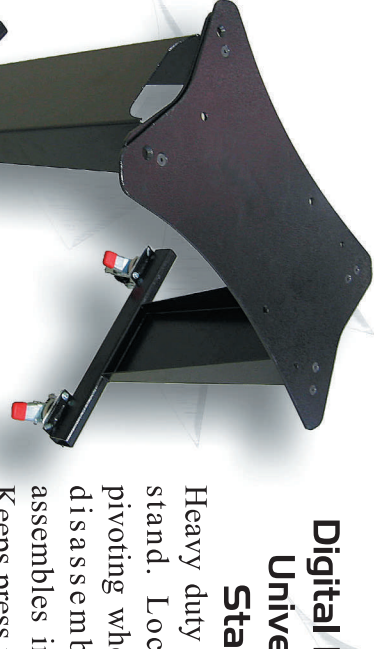
Teflon Wraps

Not just an accessory, a necessity. Allows garments and fabrics to slide on and off effortlessly & fast! Keeps rubber pad from pulling up, and easily wipes clean. For 16x20 and 14x16 presses.



Digital Combo 14x16 + DK8 6x8 Bottom Heated Pedestals

DK20S, DK20SP, DC16, DC16AP, DK20, DK16.



Digital Knight Universal Stand

Heavy duty solid steel stand. Locking and pivoting wheels. Ships disassembled and assembles in minutes. Keeps press mobile and easy to move. Makes space for tight locations & fully compatible with models: DK20S, DK20SP, DC16, DC16AP, DK20, DK16.

Accessories



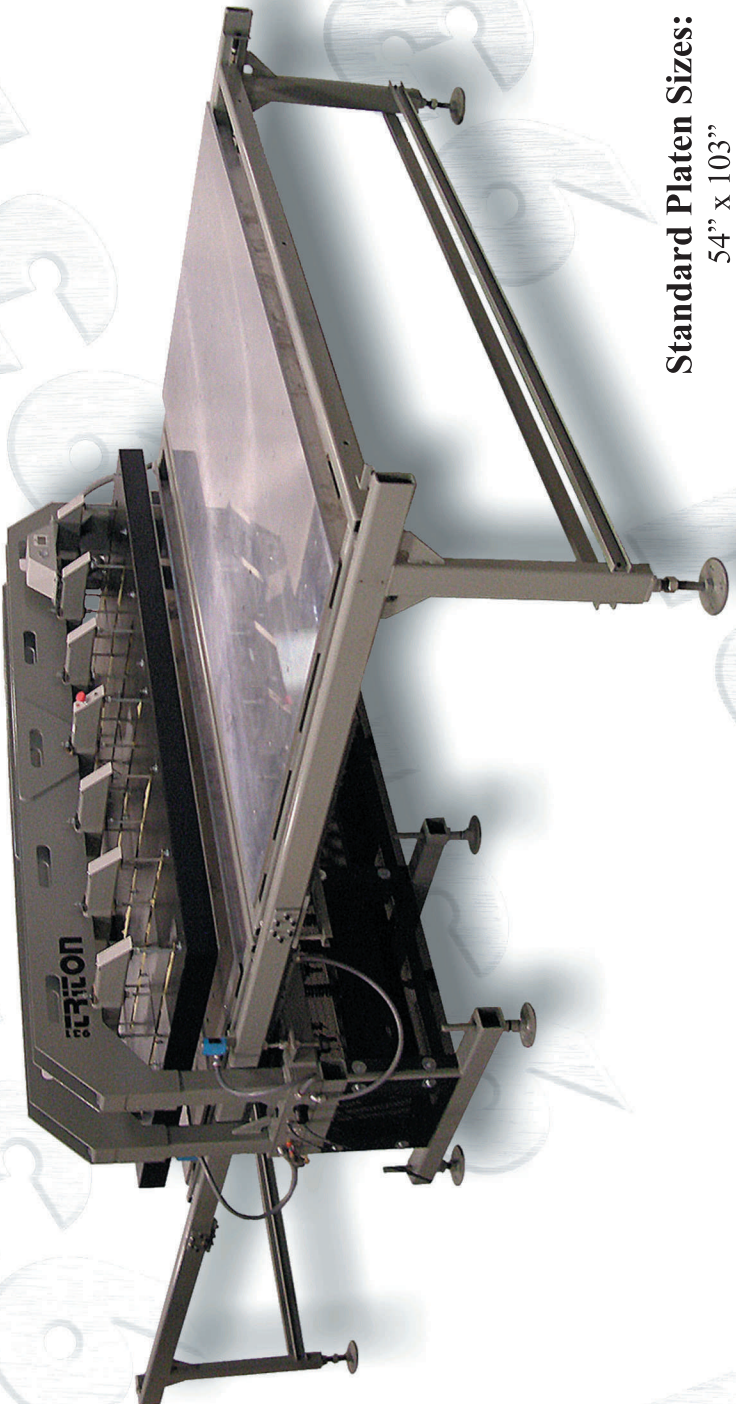
Digital Pyrometer

The best device for reading & calibrating temperature on your heat platen. This industrial surface contact probe is the most accurate available. (Infrared laser guns are not accurate on aluminum surfaces)



Interchangeable Bottom Tables

Many different sized instant quick-change drop-on bottom tables are available for the DK20S, DC16, DC16AP, DK20, DK16, DK8, DK7 presses. These tables will help accommodate any item imaginable. Custom table requests welcome!



Standard Platen Sizes:

- 54" x 103"
- 54" x 84"
- 54" x 72"
- 54" x 60"



Industrial Air Bag Pneumatics provide many times heavier pressing force than cylinders. They are also self-leveling and 100% maintenance free.

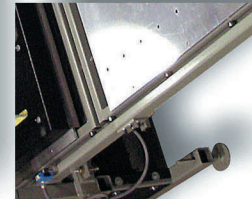


Photo Eye safety circuitry provides safety protection around the heat platen.



Redundant Micro Switches confirm location of loading tables before beginning pressing cycle.

High-Strength Roller Cams & smooth computer controlled indexing allow the loading tables to quietly & gently bring the work in and out of the pressing area.

High Wattage Fire Rod Heaters are embedded deep in the core of the extra thick 2" aluminum heat platen. The platen is gun-bored drilled and heaters are placed deep in the core of the heat platen for the most even heat distribution possible over the entire heat platen surface.

Features:

- Digital Integrated Temperature & Time control
- Available in 240V 3-Phase or 480V 3-Phase Power
- Available in Single shuttle or Dual loading table format
- Multi Air Bag Pressure design for Self Leveling of Pressure
- Precision PLC Motor Controlled Automatic Indexing of Tables
- Uniform Lift / Parallel Platen Action & Adjustable Applied Force
- Productive Foot Pedal Operation & Emergency Release Safety Circuit
- Electronic Photo Eye Safety Sensor Light Curtain Around Heat Platen
- 2" Thick Solid Mirror Surface Ground Aluminum Heater Platen

** Oversized heat platens running up to 80" x 120" available on request **