

Geo Knight & Co Inc
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www.heatpress.com info@heatpress.com

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!



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)

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.

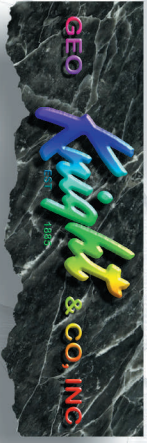
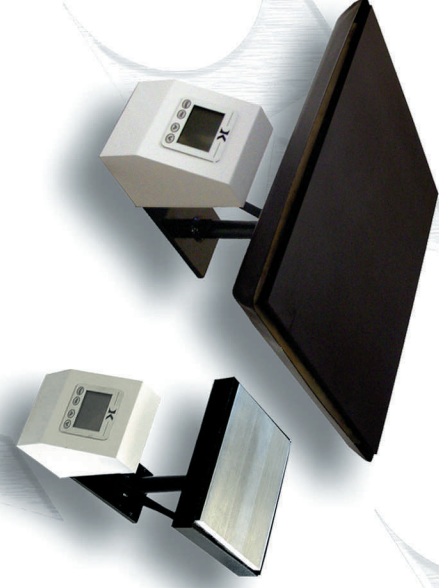
Teflon Sheets
Non-stick teflon sheets are the perfect cover sheet material for vinyl lettering and other application.

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
Separately powered and digitally controlled bottom heated pedestals. Useful for heating from the back side of embroidered patches & appliques while pressing. Also used for pressing double sided thick or hard items simultaneously. For models: DC16, DC16AP, DK8, DK8-6x8 only)

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.

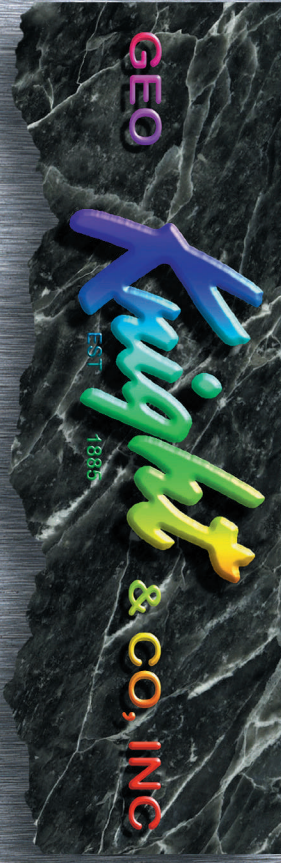
Accessories



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HEAT TRANSFER PRESSES

Images onto the Extraordinary!



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.

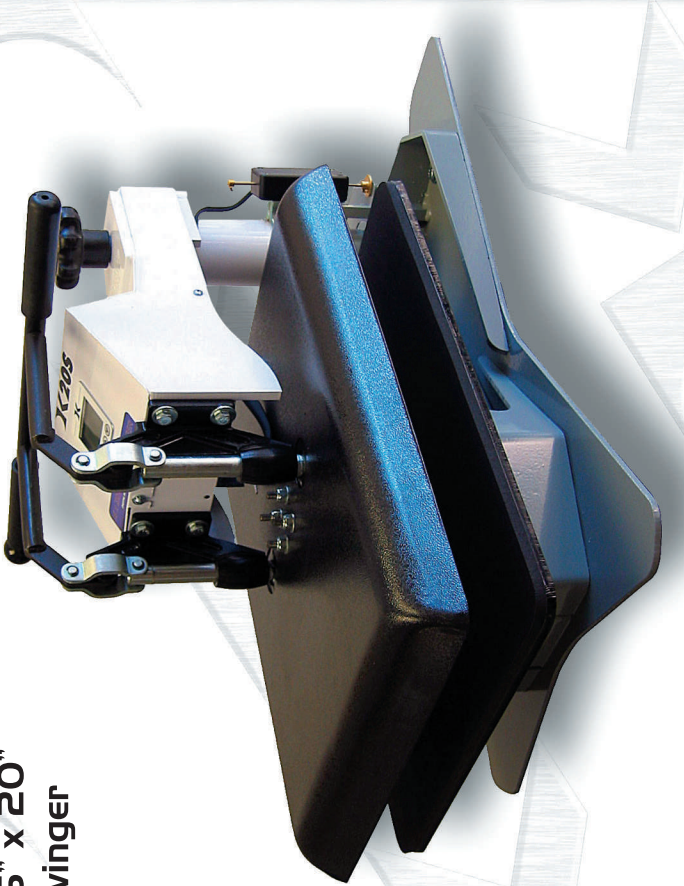
DK20S 16" x 20" Digital Swinger

- 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



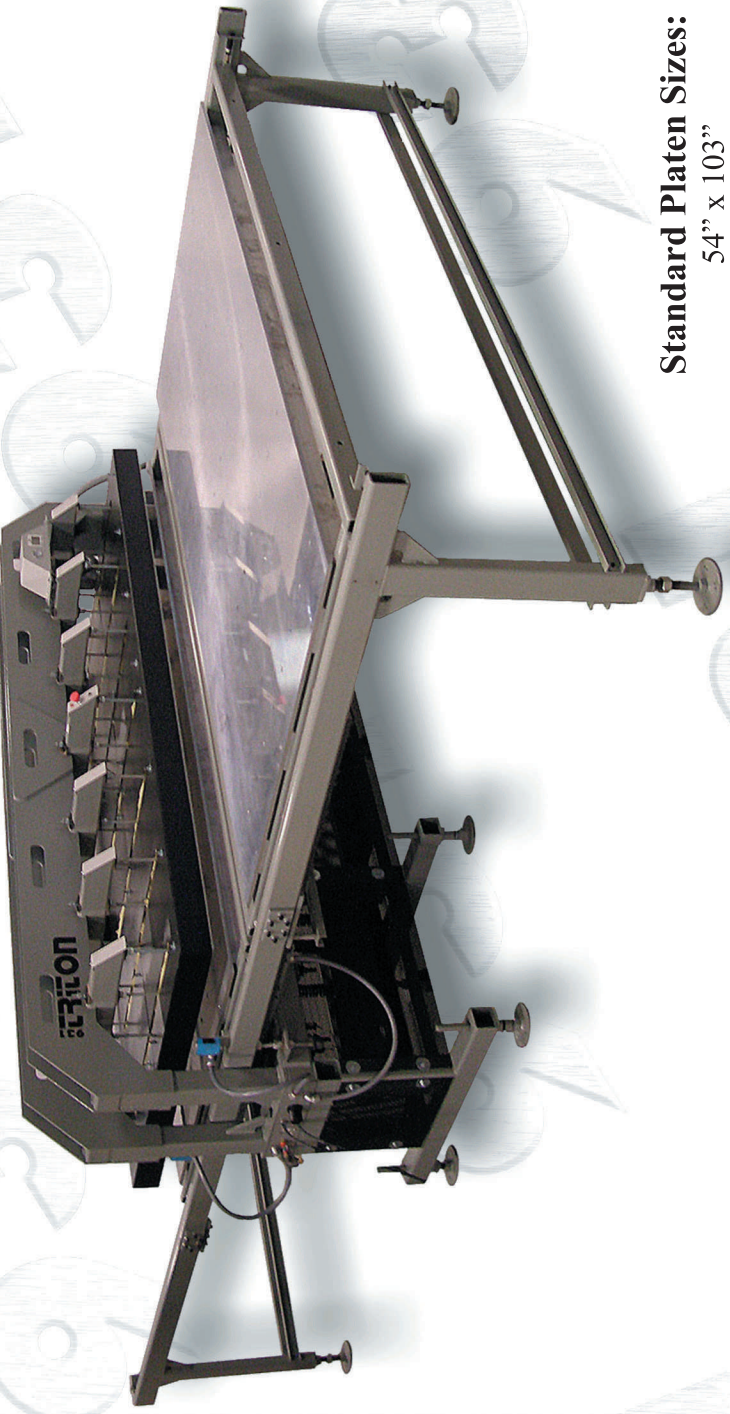
The 931 TRITON is a large format pneumatic heat transfer press built for pressing a wide variety of materials. It is geared towards high-production pressing of multiple piece goods as well as 4' x 8' sheet materials.

The 931 TRITON answers the demand for a more stable, solid work base along with the capability of pressing transfers in an oversized, large-area environment. Typical applications include heat transfer printing onto fabrics such as banners & garments, thicker materials such as carpets & mats, rigid goods like tile & ceramic, as well as wood, sheet metal, plastics, polyester coated synthetics and a vast range of other substrates. Typical processes used are sublimation printing, hot splits, foiling, embossing, laminating, hot-stamping, heat sealing and other applications requiring a massive size heat transfer press.

Features:

- Digital Integrated Temperature & Time control
- Available in 240V 3-Phase or 480V 3-Phase Power
- 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 8ft x 12ft available on request ****



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.

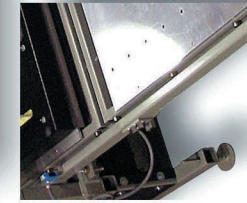


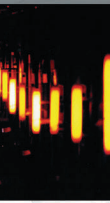
Photo Eye safety circuitry provides safety protection around the heat platen.



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 platen to the heart of the heat platen for the most even heat distribution possible over the entire heat platen surface.

DC

DIGITAL COMBO

The *Digital Combo* is a multipurpose swing-away heat press. This fully digital 14"x16" swing-away press boasts all of the digital features of the DK20S digital swinger. This includes Digital Temperature, Time, and a Digital Pressure Bar Graph, as well as programmable presets, dual prepress timer, adjustable alarms and a host of other digital features. The construction is a solid steel welded framework, the press features SuperCoil-Microwinding™ heater technology, and carries the same warranties as the Digital Knight line of presses. However, the popular success of the Digital Combo lies in its instantly interchangeable (*under 1 minute change-out time and hot swappable!*) system of heat platens and tables.

Available for this one press is every attachment necessary to professionally imprint T-Shirts, Caps, Plates, Tiles, Mugs, Memo Cubes, Miscellaneous Plastics, Woods, Metals, Fabrics and much more. The interchangeability is performed quickly and safely... and YES! the attachments work as good as or better than stand-alone presses! If your products range beyond just flat & fabric items, the Digital Combo is the most versatile machinery solution.



The Full-Wrap mug attachment uses the exact same DK3 heater band that has proven to be the most reliable and longest lasting flexible mug heater element in the industry. No need to detach any heat platens or tables from the Combo press, just plug this mug attachment into the heat platen connector and your Combo press is now ready to print on a stand-alone DK3!

Caps are flawlessly printed with a curved heater block and curved bottom form with a special cap stretching device. Plug in the heater & drop on the table and you have a heavy duty swing-away cap press. Optional bottom forms available.

Due to its swing-away design and wide adjustment range, The Digital Combo excels at handling extremely thick items such as plaques, tile, woods, plastics, and other impritable items that can not be pressed in clamshell presses.

Specifications:
DC14 120V/1300W/10A / 220V/1500W-5A
DC16 120V/1500W-11A / 220V/1500W-7A
Dimensions (body) 18"W x 24"D x 20"H - 135 lbs

DC

Twin Station Attachment

Adding a twin shuttle upgrade allows the operator to unload and load materials while a cycle is pressing. It also negates heat platen idle time while the operator prepares the table. Production is maximized with no additional labor cost. This shuttle is solid aluminum, holding any heavy or rigid impritable products as well as fabrics without concern.

For almost double the productivity per single operator, the Digital Combo Twin Shuttle Attachment is an unbeatable value. The Twin Attachment will also work with the DC16AP Air Operated press, for an automatic, twin station small footprint production solution.



DC16AP

Automatic Air Swinger

The DC16AP is an automatic air operated multipurpose swing away press. It uses the same exact frame and interchangeable design as the manual Digital Combo press. It has the same multipurpose functionality, but is a push-button air operated automatic press.

For users who desire the tabletop footprint of the Digital Combo, and need its versatility, but desire a more productive automatic pressing and automatic release action, the DC16AP is the perfect machine. This press is also used heavily for large quantity small label application, with the smaller 6"x8" label press head and bottom tables. All attachments used on the manual Digital Combo press including the Mug, Cap, Plate, Tile, Cube, Twin-Shuttle, and even bottom heat are fully compatible with the Air Operated Automatic Digital Combo press.



394 Shuttle Press (8055 Embossing Press)

The 394 Shuttle Press is a high production, industrial factory grade twin station heat transfer press. Available in platen sizes of 16"x20" and 20"x23", the 394 Shuttle Press removes operator inefficiency and pressing delays with its automatic pressing system, twin shuttle table assembly and low maintenance industrial design.

Coupled with the Digital Knight control and a solid steel structure, the 394 provides extended dependable service in high-demand, constant production environments. The 394 exerts up to 12,000 pounds of force, the capacity necessary for Embossing. The extra high wattage heater will keep up with any heat demand, ensuring no heat recovery concerns.



DK3

DIGITAL KNIGHT Digital Mug Press

The DK3 Digital Mug Press is a full wrap-around, handle to handle, top-to-bottom printing mug press. It can press images up to 5" high and as close as 1/2" to 3/4" from the handle, depending on the mug size. The DK3 is fully adjustable, accommodating all mugs available on the market. The solid steel framework and die-cast heavy pressure clamp assembly provides an industrial grade framework for full bleed transfers on even the most demanding mugs.

As with all Digital Knight presses, the DK3 utilizes a state of the art digital control system with an unprecedented 3-year warranty on the heat-control electronics. With digital temperature, time and programmable presets, cycle counter and many other features, the consistency and productivity of mug printing is maximized.

At the heart of the DK3 is the SuperCoil Microwinding™ heater technology. This patented stainless steel mug heater band technology winds tightly and closely together throughout the entire platen for extremely even heat, fast recovery & fast heat up times. The DK3 will heat up in only a few minutes and runs constantly at the set temperature. Unlike other mug presses that use silicone blankets with short life-spans and even shorter warranties, the DK3 boasts an amazing 3-Year / 3,000 mug warranty.

For the absolute best, at a competitive price, there is no better solution for pressing mugs than the DK3 Digital Mug Press.



Features & Specifications

- Fully digital temperature control
- Automatic digital timer
- Programmable presets
- SuperCoil-Microwinding™ heater
- Accommodates all standard mug sizes
- Records number of pressing cycles done
- 3-year/3,000 cycle warranty on heat platen
- 3-year warranty on control
- 1 year warranty on entire press
- Elec: 120V-450W-4A / 220V-450W-2A
- Dims: 13"L x 15"W x 15"H - 30 lbs

JP

JETPRESS

Low Cost Presses with Professional Results

The JetPress machines are a heavy duty line of low-cost, economical swing away heat presses. Intended for start-ups, home use and non-commercial, hobby-oriented transfer printing, the JetPress machines are ideal for ink-jet, bubble-jet, laser copier & sublimation iron-on transfer paper users seeking professional quality imprinting results, without the costs associated with commercial press equipment.

The JP12 and JP14 feature a Digital Countdown Timer, adjustable Temperature Control and Temperature Readout and adjustable Pressure. These presses apply several hundred pounds of clamping force with little operator effort, at much better pressure and temperature than a hand iron can deliver, at a fraction of the time.

For light usage & portability, the JetPress line is the perfect answer... professional results for a fraction of the cost of commercial heat press equipment!



JetPress 12

- 9" x 12" Heat Platen
- Digital Countdown Timer w/ alarm
- Adjustable height for items over 1" thick
- Accurate Temperature control (over 400°F)
- Accurate Temperature gauge
- Smooth swing away action
- Solid steel welded frame
- Silicone pad pressing surface
- Heating indicator light
- Modular cord & plug
- One Year Warranty

Weight: 30 Lbs
Electrical: 650W/5.4A/120V
Dimensions: 16"D x 18"W x 10"H



JetPress 14

- 12" x 14" Heat Platen
- Digital Countdown Timer w/ alarm
- Adjustable height for items over 1" thick
- Adjustable Temperature control (over 400°F)
- Accurate Temperature gauge
- Smooth swing away action
- Solid steel welded frame
- Silicone pad pressing surface
- Heating indicator light
- Modular cord & plug
- One Year Warranty

Weight: 60 Lbs
Electrical: 1200W/10A/120V
Dimensions: 23"D x 16"W x 24"H

