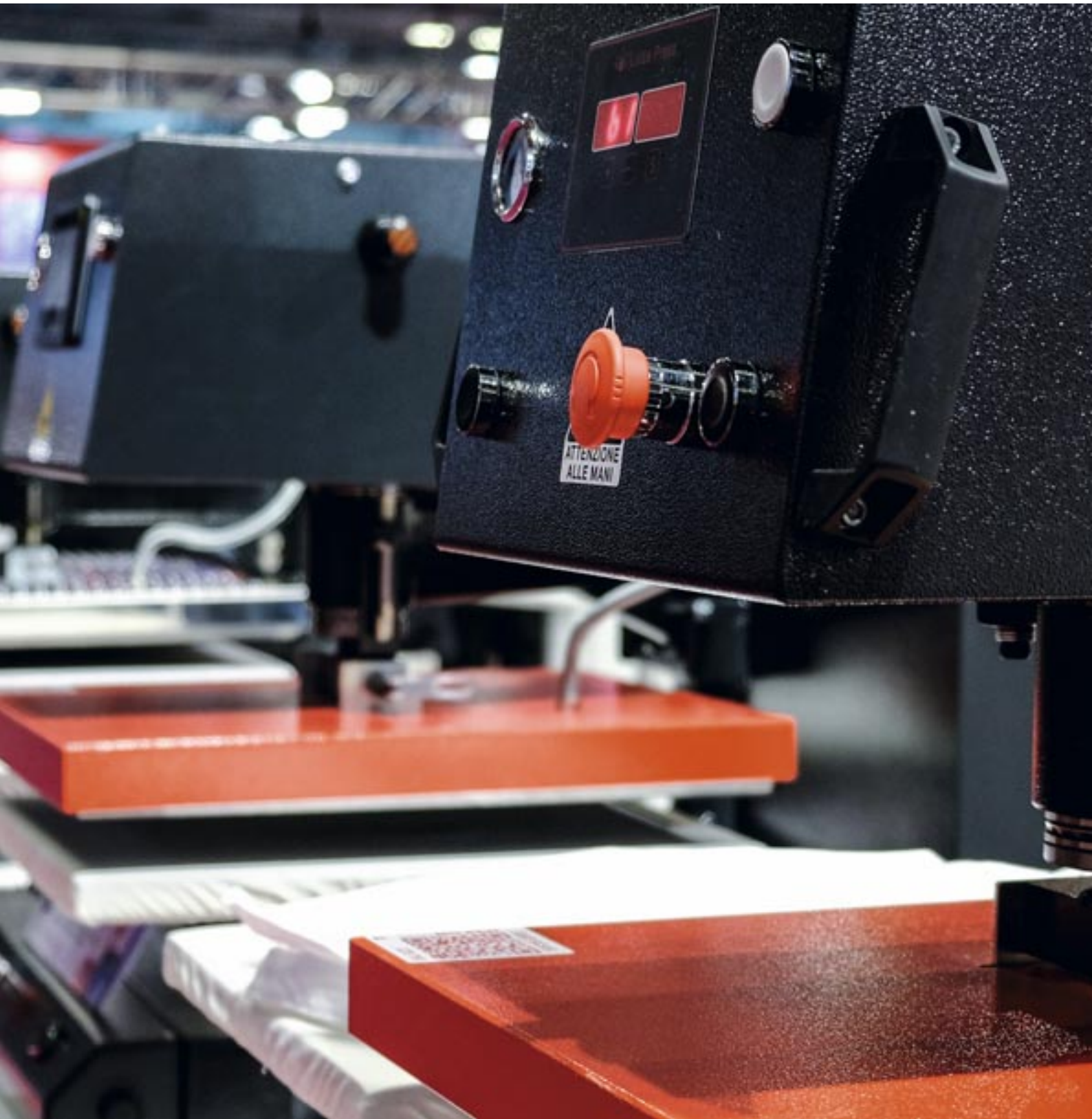
HEAT PRESSES

AND

CUSTOM SOLUTIONS



HEAT PRESS APPLICATIONS

PLEASE CONTACT US FOR MORE INFORMATION:

Photo copyrights see page 48

CUSTOM MADE SOLUTIONS

+49.(0)30.40 50 45 80 · INFO@LOTUSTRANSFERS.COM

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LOTUS ADVANTAGES

As a manufacturer of heat transfer presses for textile printing, we are delighted to present our current line of transfer presses in this catalog.

You can find additional models at our website.

www.lotustransfers.com

www.lotustransfers.com

EXPERIENCE

- We're been making textile printing presses for over 40 years.

TECHNICAL SUPPORT

- As the manufacturer, we know our presses inside and out. We provide comprehensive technical support – both before and after your purchase.

CUTTING-EDGE TECHNOLOGY – UTMOST RELIABILITY

- High-quality heating technology
- Guaranteed EU production – superior quality presses handmade in Italy
- CE certification – the EU requires all European manufacturers to comply with strict safety regulations. Compliance with these regulations is signified by the CE designation on each Lotus transfer press.

EXCEPTIONAL SERVICE

- All presses can be delivered from inventory in Berlin or Milan for immediate or short-term delivery
- Quick delivery service for replacement parts
- Product support and replacement part service direct from the manufacturer
- In-house repair service.

WIDE RANGE OF PRODUCTS

- Hand-operated, semiautomatic, and pneumatic presses
- For visual motifs of all sizes
- For textiles of all sizes
- For printing runs of all sizes
- Easily interchangeable plate sets in various sizes
- Virtually all models feature an additional cap set
- Custom press configuration and sizing possible for special orders
- Models to fulfill any requirements – from entry-level to industrial scale.

QUALITY YOU CAN TRUST

CE COMPLIANCE

CE compliance has been established to confirm compliance with the health and safety standards of the single European market. For your own safety, ask your distributor for a CE declaration of the units offered.

HANDMADE IN ITALY – EU ORIGIN GUARANTEED FOR ALL OF OUR HEAT TRANSFER PRESSES

This seal of quality guarantees that all our presses have been exclusively manufactured in Milan, Italy, made carefully by hand by specially trained technicians.

With this approach, we are contributing not only to maintaining jobs in Europe, we are also supporting the tradition and advancement of Europe as a center for technology and business – while maintaining exemplary European social standards.

QUICK DELIVERY SERVICE – REPLACEMENT PARTS

Our Lotus service ensures that you receive replacement parts promptly, minimizing production downtime. The service covers circuit boards, heating rods, and temperature sensors among other items.

SELF REPAIR SERVICE

Thanks to the modular system used by Lotus, you can often replace worn-out parts yourself. Video tutorials for assistance are available. If a more difficult repair is required, we take care of it at our own repair shops in Berlin or Milan.

PNEUMATIC POWER PRESSES

Apart from our hand operated and semiautomatic presses our pneumatic presses offer extra advantages, such as:

- super high pressure with 8 bar,
- high productivity due to fast and easy processing,
- extra working convenience and safety due to ergonomic design,
- flexibility in use, thanks to it's modular concept,
- longlasting and sustainable design.

HIGH-QUALITY 'MIKANIT' TECHNOLOGY

"Mikanit" surface heating elements are ideal whenever you need to heat a surface quickly and evenly.

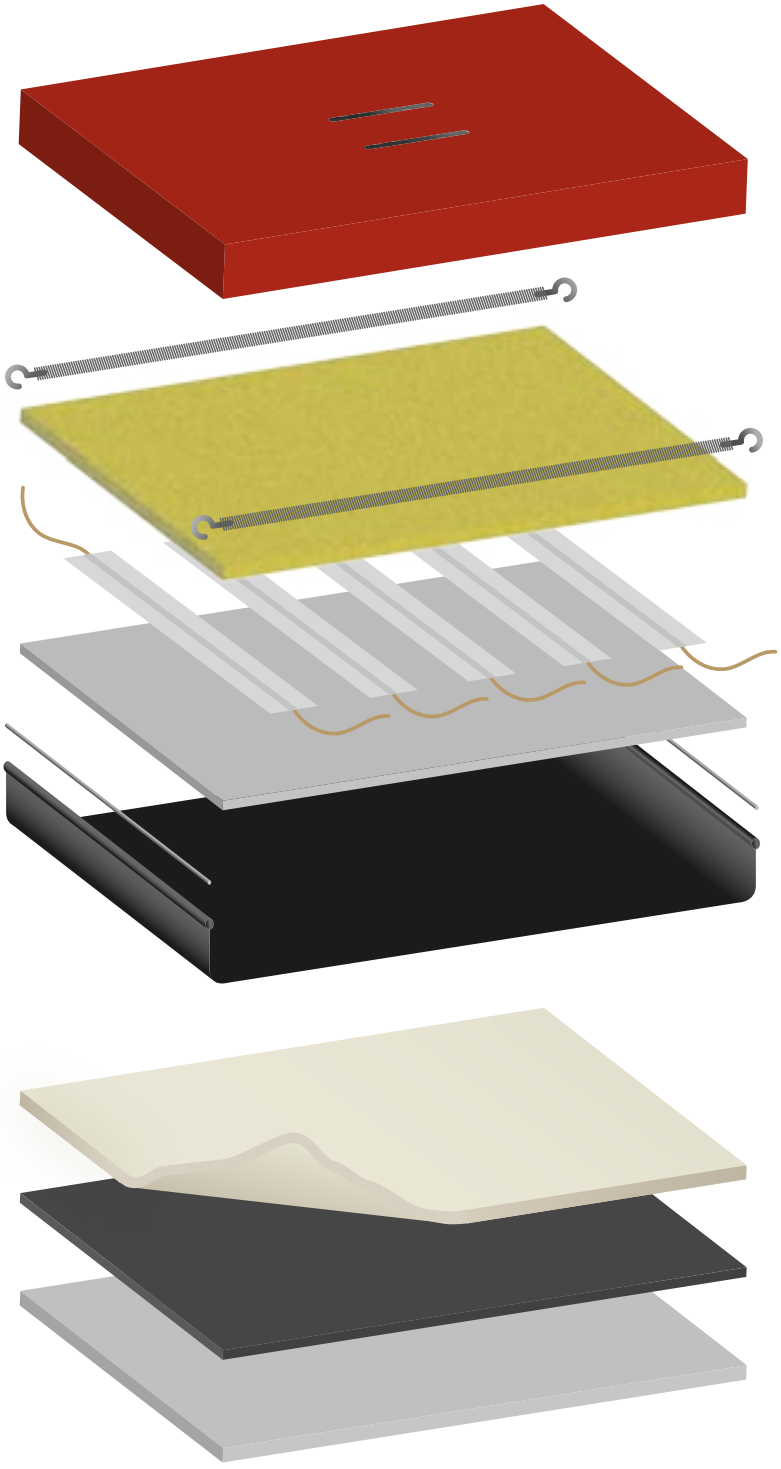
At the core of these heating elements is a high-quality mica-layer treated with a heat-resistant agent. After the treatment, heat and high pressure are used to press several layers into plates.

Our improved 'Mikanit' elements are produced using chemical etching, a technique that allows quick warmup times and extends the durability of heating plates even further.

For these reasons, Mika-Tech is superior to other technologies. In addition to high-pressure contact, the precision used at our factory to assemble them into the heating plates ensures effective transfer of visual imagery on many different substrates. Ranging from textiles, metal, wood, and more. This is an important factor when considering other heating plate technologies that do not deliver the same level of performance. They come now with a 10 years warranty.

STRUCTURE OF HEATING AND PRINTING PLATES

With Mikanit heating technology*



Cover of Heating Plate

Holding Devices
for Teflon Protective Cover

Insulating Mat

Mikanit Heating Rods

Heating Plate (Aluminium)

Teflon Protective Cover

Nomex Protective Cover

Silicone Rubber Mat

Printing Plate (Aluminium)

*10 Year warranty on the heating elements

STRIKING TRANSFERS

Compared to other textile printing technologies, heat transfer printing delivers excellent opacity and adhesion as well as resistance to light and washing. Thermoprinting has been firmly established in all areas of textile finishing. It is ideal for ice hockey, cycling, athletics, or winter sportswear.

Moreover, the technique is appealing because it is easy to use, quick, and clean. This means you can produce economically in small or large quantities and always with brilliant quality.

Find out how easy it is to give textiles a personal touch or a distinctive look by printing them with colored names, cyphers, logos, or fashionable motifs.

Explore the diverse, creative possibilities provided by heat transfer technology in textile printing:

FASHION

Among fashion designers, sublimation or transfer printing has become a popular design element. They enjoy using this simple and versatile printing process when designing customized and exclusive accessories.

SPORTSWEAR

Every team needs jerseys, jackets, trousers, tracksuits, caps, and more printed with cyphers, player names, or sponsor logos. This is why you find textiles printed using heat transfer techniques virtually everywhere, including in football, hockey, and basketball.

CASUAL

Not only do the pros enjoy wearing heat transfer-printed apparel. Casual sweatshirts, t-shirts, and baseball caps sporting the logo of your favorite team also look great on recreational athletes – whether jogging, walking, cycling, or skating.

WORKWEAR

From a coffee shop to logistics services, from carpentry to painting: customers should be able to easily identify employees. This is not a problem if a company logo is printed on caps, t-shirts, trousers, jackets, aprons, and uniforms.

PROMOTIONAL

You wear special clothes for special occasions. The same applies to promotional tours, trade shows, conventions, and other business events. The occasion takes center stage, which is why it should be boldly printed on promoter attire.

LEGEND

Cap set with bowed heating and support plates available

Smaller square alternate support plate available · 12 x 13 cm / 15 x 15 cm

Oblong alternate support plate available · 15 x 38 cm

Rectangular alternate 'girlie-t-shirt' support plate available · 25 x 38 cm

Trapezoidal alternate support plate for umbrellas available

We can also produce support plates with your customized dimensions

Manual function

Semiautomatic function with magnet

Pneumatic function

Single support plate

Double or two support plates

Membrane system

Touch Screen Optional

Print ready for Sublimation

LTS 12 · LTS 25

Big things come in small packages

LTS 12 and LTS 25 are the smallest manual presses in our range of products. Because of their strong pressure, which is concentrated into small plates, they are particularly suitable for transferring smaller motifs onto t-shirts, sweatshirts, trousers, bags, and more.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

During the transfer process, the smooth-running pressure arm automatically locks into place, so you don't have to hold it down continuously. The pressure can be continually adjusted by hand. To release the pressure arm, simply lift it approximately 2 cm. The built-in spring mechanism will then hoist the heating plate automatically. No strength is required to raise it.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. Thanks to the electronic heat control, an even and constant operating temperature is guaranteed.

The digital temperature control is accompanied by both audio and clear visual signals to indicate release time – making your work even easier.

Upon request, both LTS 12 and LTS 25 models can be supplied with double heating plates (top and bottom). These are the LTS 12 S and LTS 25 S models, which have been specially developed for textile applications using Swarovski stones or similar.

THE ORIGINAL FROM MILAN SINCE 1972

LTS 12

LTS 25

TECHNICAL DATA

Model	LTS 12	LTS 12s	LTS 25	LTS 25s
Transfer area	13 x 12 cm	13 x 12 cm	25 x 12 cm	25 x 12 cm
Digital timer	0–999 sec	0–99 sec	0–999 sec	0–99 sec
Temperature	0 – 250 °C	0 – 250 °C	0 – 250 °C	0 – 250 °C
Heating output	250 W	500 W	375 W	750 W
Voltage	220 – 240 V	220 – 240 V	220 – 240 V	220 – 240 V
Weight	14 kg	15 kg	18 kg	20 kg

LTS 14

Flexible cap press

THE ORIGINAL FROM MILAN SINCE 1972

The hand-operated LTS 14 is a special cap press that extremely convenient and easy to operate. The caps can be quickly and easily mounted, clamped, and printed.

During the transfer process, the smooth-running pressure arm automatically locks into place, so you don't have to hold it down continuously. The pressure can be continually adjusted by hand. To release the pressure arm, simply lift it approximately 2 cm. The built-in spring mechanism will then hoist the heating plate automatically. No strength is required to raise it.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

LTS 14 allows adjustment of the pressure shoe by moving the support plate back and forth. This makes it possible to compensate for different forehead heights of caps and ensure perfect positioning of the upper heating plate onto the bottom support plate.

TECHNICAL DATA

Model	LTS 14
Transfer area	14.5 x 9 cm
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Heating output	250 W
Voltage	220 – 240 V
Weight	18 kg

LOTUS TRANSFER MATERIALS

Please enquire about our range of transfer materials!

Whatever you require, we have the right transfer material for your textile printing needs!

- Materials suitable for cutting (cadcut)
- Materials suitable for digital printing
- Materials suitable for screenprinting

ADVANTAGES OF LOTUS MATERIALS:

PREMIUM MATERIALS

We offer exclusively high-quality transfer materials that are easy to use. Most comply with the strict Oeko Tex Standard.

WIDE RANGE OF MATERIALS

Our large inventory offers you more than 500 types of materials for plotting as well as more than 20 other plottable materials for digital or screen printing and a large range of transfer papers for digital printing.

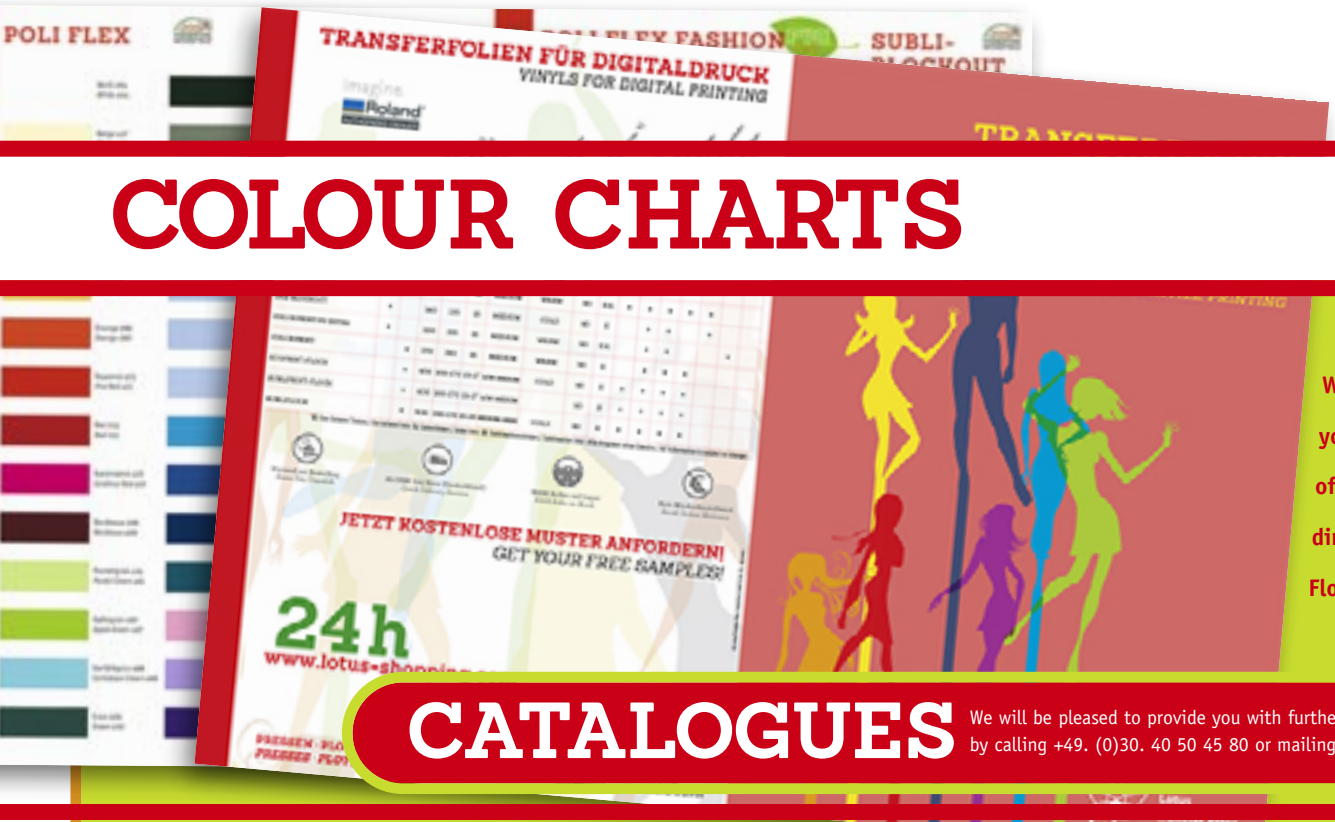
TECHNICAL SUPPORT

Professional and experienced advice on how to use all of our materials.

EXCEPTIONAL SERVICE

Same-day-out service!

Thanks to our extensive inventory, all transfer materials are deliverable from stock in Berlin or Milan. Should the manufacturer not be able to supply our stocks, we will deliver backordered goods as soon as possible.



COLOUR CHARTS

With your first order, you will receive a set of color charts including the most popular Flock and Flex materials.

CATALOGUES

We will be pleased to provide you with further information on request by calling +49. (0)30. 40 50 45 80 or mailing to: info@lotustransfers.com

LTS 38

The perfect entry-level press for t-shirts

LTS 38 is particularly suitable for printing on t-shirts, sweatshirts, and sportswear.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, or lanyard keychains: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of the press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 1), the oblong format for transferring onto sleeves and trouser legs (Fig. 2), and the rectangular format for girlie t-shirts (Fig. 3) as well as a format for umbrellas (Fig. 4).

We can also produce any customized dimensions to fulfill your requirements.

Pict. 1 · supporting plates for breast pockets

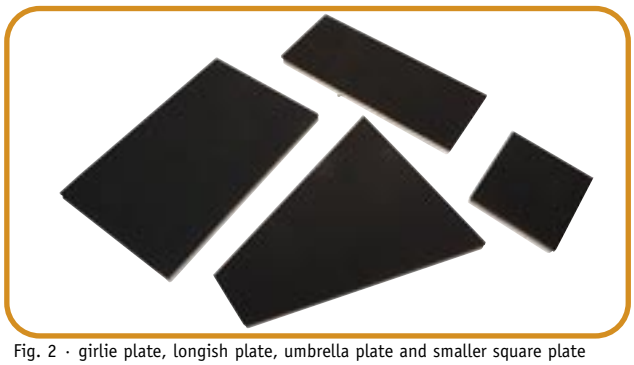


Fig. 2 · girlie plate, longish plate, umbrella plate and smaller square plate

TECHNICAL DATA

Model	LTS 38
Transfer area	38 x 45 cm
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Heating output	2000 W
Voltage	220 – 240 V
Weight	40 kg

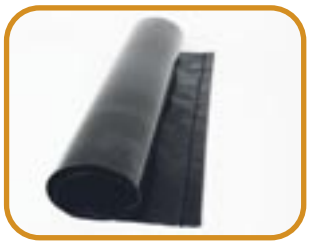
ACCESSORIES AND SPARE PARTS

NOMEX COVERS

Heat-resistant Nomex covers protect the pressure plate against discoloration. Covers are machine washable and slide easily onto plates thanks to an integrated elastic band.

TEFLON COVERS

Teflon covers protect heating plates against contamination and transfer material adhesive residue that can burn in. Covers are very easy to clean and can be quickly changed.



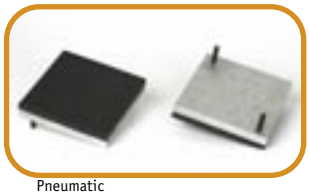
SILICONE RUBBER MATS

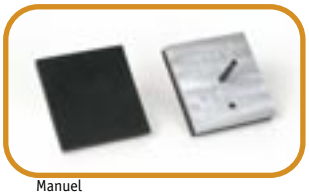
Heat and shape-retaining silicone rubber mats for printing plates facilitate even application of pressure during the transfer process. Unevenness resulting from seams, buttons, or zippers is offset, so that the transfer pad provides a smooth surface.

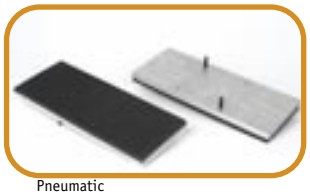
PRINTING PLATES

All convertible Lotus presses printing plate accessories can be easily and quickly interchanged. This adaptation to the size and shape of your transfer motif means a faster working process and maximum protection for your textile. Different printing plate configurations are available for pneumatic and manual heat presses. We are pleased to offer customized dimensions upon request.
The following printing plate sizes and shapes are available:

- Breast pocket in 12 x 13 cm (manual) or 15 x 15 cm (pneumatic)
- Sleeves or trouser leg in 15 x 38 cm
- Girlie shirt in 25 x 38 cm
- Trapezoidal shape for umbrellas
- All printing plates are vertically displaceable


Pneumatic


Manuel


Pneumatic

Manuel

Pneumatic

Manuel

Pneumatic

Manuel

CAP SETS

Most Lotus convertible presses can be equipped with an additional cap set. Different designs are available for pneumatic and manual presses. Standard size is approx. 13 x 9 cm.

Customized dimensions are available upon request.

HEATING PLATES

Even-distribution heating plates are available in customized dimensions. Thanks to an innovative quick-lock solution, heating plates can be interchanged in two minutes – without using any tools.

HEATING ELEMENTS

Exchanging a heating element is easy if necessary. Lotus presses feature very precise, effective, and longlasting Mikanit heating technology in all of our presses with heating plates larger than 25 x 38 cm.

TEMPERATURE INDICATOR

Self-adhesive temperature indicators are recommended for control if the displayed temperature and effective temperature of heating presses are identical. 10 pads from 143°C–193°C show if the desired temperature has been reached or not. You should check your heating plate every two years or if a problem with the adhesion of transfer material occurs.

MORE ACCESSORIES AND SPARE PARTS

We are pleased to fulfill customer requests for spare parts and accessories. Even if you need parts for machines that are no longer part of our current product line. If a replacement part is not available, we can produce it for you.

Thanks to this exceptional service, all important parts for your Lotus press will be available – for many years to come!

COMPRESSORS

PRIMUS 6002

Main features:

silent, air-cooled, one or two-stage compression. Direct drive. Versatile, easy to adapt, reliable at all times.

PRIMUS 5000

Advantages:

ideal for continuous operation, maximum economy and maximum efficiency. Proven thousands of times.

EKOM DK50 PLUS S

with noise reduction box

Main features:

oil-free, space-saving, clean and low-noise compressed air supply for demanding applications.

EKOM DK50 PLUS

Advantages:

for continuous operation, maximum economy and maximum efficiency designed. Proven thousands of times.

TECHNICAL DATA

Model	Primus 5000	Primus 6002	DK50 Plus	DK50 Plus S
Deplacement	310 l/min	475 l/min	105 l/min	105 l/min
Air delivery	190 l/min	311 l/min	75 l/min	75 l/min
Volume	50 l	50 l	25 l	25 l
Engine	1,5 kW	2,2 kW	0,55 kW	0,55 kW
Power	10 bar/67 dB(A)	10 bar /67 dB(A)	6–8 bar	6–8 bar

LTS 138 · LTS 140 · LTS 145 · LTS 150

Convenient all-rounders

All models in this group are genuine all-rounders.
Thanks to modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

During the transfer process, the smooth-running pressure arm automatically locks into place, so you don't have to hold it down continuously. To release the pressure arm, simply lift it approximately 2 cm. The built-in spring mechanism will then hoists the heating plate automatically. No strength is required to raise it. The pressure can be continually adjusted with an easily accessible dial.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Hotline +49. (0)30. 40 50 45 80

TECHNICAL DATA

Model	LTS 138	LTS 140	LTS 145	LTS 150
Transfer area	38 x 45 cm	40 x 37 cm	45 x 38 cm	50 x 40 cm
Digital timer	0–999 sec	0–999 sec	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C	0 – 250 ° C	0 – 250 ° C
Heating output	2000 W	2000 W	2000 W	2000 W
Voltage	220 – 240 V	220 – 240 V	220 – 240 V	220 – 240 V
Weight	40 kg	35 kg	40 kg	45 kg

THE ORIGINAL FROM MILAN SINCE 1972

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 2), the oblong format for transferring onto sleeves and trouser legs (Fig. 4), and the rectangular format for girlie t-shirts (Fig. 5) as well as a format for umbrellas (Fig. 6).

We can also produce any customized dimensions to fulfill your requirements.

All cap sets (Fig. 1) allow you to move the pressure shoe back and forth with the support plate. This essential functionality makes it possible to print on the various forehead heights of caps: The adjustable shoe makes optimum positioning possible for transfer under the bent heating plate.

Fig. 1 · Support plate for caps

Fig. 2 · Support plate for breast pockets

Fig.3 · support plate for balls

Fig. 4 · Support plate for sleeves or trouser legs crosswise

Fig. 5 · Support plate for girlie t-shirts, lengthwise

Fig. 6 · Support plate for umbrellas

LTS 138 B · LTS 140 B · LTS 150 B

All-in-one swivel presses

THE ORIGINAL FROM MILAN SINCE 1972

LTS 138 B, LTS 140 B, and LTS 150 B are ideal for transfer jobs onto both large and small textiles, including t-shirts, sweatshirts, and sportswear.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided. Pressure can be continually adjusted with an easily accessible dial.

With swivel presses, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Fig. 1 + 2
Wide swivel range for easy positioning of textiles

TECHNICAL DATA

Model	LTS 138 B	LTS 140 B	LTS 150 B
Transfer area	38 x 45 cm	40 x 37 cm	40 x 50 cm
Digital timer	0–999 sec	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C	0 – 250 ° C
Heating aoutput	2000 W	2000 W	2000 W
Voltage	220 – 240 V	220 – 240 V	220 – 240 V
Weight	45 kg	45 kg	50 kg

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 4), the oblong format for transferring onto sleeves and trouser legs (Fig. 5), and the rectangular format for girlie t-shirts (Fig. 6) as well as a format for umbrellas (Fig. 7).

We can also produce any customized dimensions to fulfill your requirements.

All cap sets (Fig. 3) allow adjustment of the pressure shoe by moving support plate back and forth. This indispensible feature makes it possible to compensate for different forehead heights of caps: adjustment of the shoe allows optimum positioning under the bent heating plate.

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Fig. 3 · Support plate for caps

Fig. 4 · Support plate for breast pockets

Fig. 5 · Support plate for sleeves or trouser legs crosswise

Fig. 6 · Support plate for girlie t-shirts, lengthwise

Fig. 7 · Support plate for umbrellas

LTS 138 SLIDE · LTS 140 SLIDE LTS 150 SLIDE

Opens and swings automatically

LTS 138 Slide LTS 140 Slide and LTS 150 Slide are ideal for transfer jobs onto both large and small textiles, including t-shirts, sweatshirts, and sportswear.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided. Pressure can be continuously adjusted by turning an easily accessible set dial.

With semiautomatic swivel presses, the heating plate opens and swivels to one side, so that the support plate is no longer covered by it. This simplifies your work process in several respects: first of all, it's safer for the transfer and textile, because the press opens automatically. Secondly, mounting the textile is even more convenient. In addition, you have a clear view of the entire textile, allowing easy positioning of the transfer.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The transfer process starts by pulling hand lever.

The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Fig. 1
Pre and post-pressing button

TECHNICAL DATA

Model	LTS 138 Slide	LTS 140 Slide	LTS 150 Slide
Transfer area	38 x 45 cm	40 x 37 cm	40 x 50 cm
Digital Timer	0–999 sec	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C	0 – 250 ° C
Heating aoutput	2000 W	2000 W	2000 W
Voltage	220 – 240 V	220 – 240 V	220 – 240 V
Weight	55 kg	52 kg	60 kg

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 3), the oblong format for transferring onto sleeves and trouser legs (Fig. 4), and the rectangular format for girlie t-shirts (Fig. 5) as well as a format for umbrellas (Fig. 6).

We can also produce any customized dimensions to fulfill your requirements.

All cap sets (Fig. 2) allow adjustment of the pressure shoe by moving support plate back and forth. This indispensible feature makes it possible to compensate for different forehead heights of caps: adjustment of the shoe allows optimum positioning under the bent heating plate.

THE ORIGINAL FROM MILAN SINCE 1972

Fig. 2 · Optional cap set

Fig. 3 · Breast pocket printing plate

Fig. 4 · Support plate for sleeves or trouser legs crosswise

Fig. 5 · Support plate for girlie t-shirts, lengthwise

Fig. 6 · Support plate for umbrellas

LTS 238 · LTS 250

Manual nonstop press for fast work processes

These two models are among the best high-performance manual heat transfer presses. Its double support plate allows you to work fast. While one textile is being printed you can already prepare the next one on the other plate.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

With swivel presses, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 2) , the oblong format for transferring onto sleeves and trouser legs (Fig. 3), and the rectangular format for girlie t-shirts (Fig. 2) as well as a format for umbrellas (Fig. 2).

We can also produce any customized dimensions to fulfill your requirements.

All cap sets (Fig. 1) allow adjustment of the pressure shoe by moving support plate back and forth. This indispensible feature makes it possible to compensate for different forehead heights of caps: adjustment of the shoe allows optimum positioning under the bent heating plate.

Fig. 1 · cap set

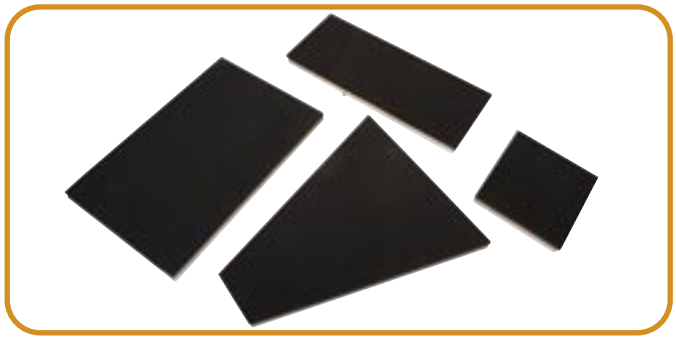

Fig. 2 · girlie plate, longish plate, umbrella plate and smaller square plate

TECHNICAL DATA

Model	LTS 238	LTS 250
Transfer area	[2x] 38 x 45 cm	[2x] 40 x 50 cm
Digital timer	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C
Heating output	2000 W	2000 W
Voltage	220 – 240 V	220 – 240 V
Weight	75 kg	85 kg

CAD-CUT-PLOTTER GS-24

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ROLAND GS-24

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LTS 138 SAC · LTS 150 SAC

opens automatically

THE ORIGINAL FROM MILAN SINCE 1972

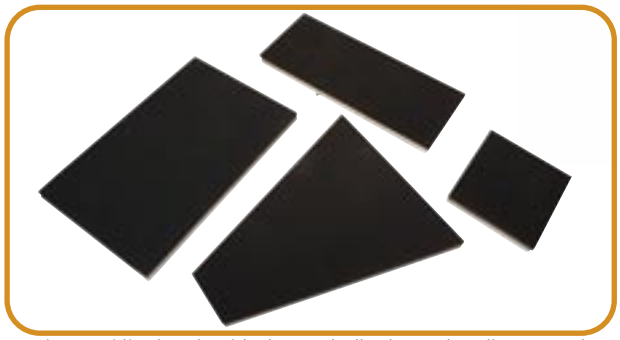

Fig. 2 · girlie plate, longish plate, umbrella plate and smaller square plate

Fig. 3 · Cap set

TECHNICAL DATA

Model	LTS 138 SAC	LTS 150 SAC
Transfer area	38 x 45 cm	40 x 50 cm
Digital timer	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C
Watt	2000 W	2000 W
Power	220 – 240 V	220 – 240 V
Weight	60 kg	65 kg

LTS 138 SAC (Fig. 1) and LTS 150 SAC are ideal for transfer jobs onto both, large and small textiles, including t-shirts, sweatshirts, and sportswear. The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided. Pressure can be continuously adjusted by turning an easily accessible set dial.

The semiautomatic function will ensure an automatically opening after the timer releases. This simplifies your work process in several respects: first of all, it's safer for the transfer and textile, because the press opens automatically. Secondly, mounting the textile is even more convenient.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged. The extractable lower printing plate allows a quick and easy positioning of the textiles and printing motifs.
The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature.

High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements. The transfer process starts by pulling hand lever. The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format, the oblong format for transferring onto sleeves and trouser legs, and the rectangular format for girlie t-shirts as well as a format for umbrellas (Fig. 2).
We can also produce any customized dimensions to fulfill your requirements.
All cap sets (Fig. 3) allow adjustment of the pressure shoe by moving support plate back and forth. This indispensible feature makes it possible to compensate for different forehead heights of caps: adjustment of the shoe allows optimum positioning under the bent heating plate.

LTS 238 SA · LTS 250 SA

THE ORIGINAL FROM MILAN SINCE 1972

opens automatically

TECHNICAL DATA

Model	LTS 238 SA	LTS 250 SA
Transfer area	[2 x] 38 x 45 cm	[2 x] 40 x 50 cm
Digital timer	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C
Watt	2000 W	2000 W
Power	220 – 240 V	220 – 240 V
Weight	90 kg	100 kg

This models are high-performance semiautomatic heat transfer presses. Their double support plate allow you to work fast. While one textile is being printed you can already prepare the next one on the other plate.
LTS 238 SA and LTS 250 SA (Fig. 1) are ideal for transfer jobs onto both, large and small textiles, including t-shirts, sweatshirts, and sportswear. The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided. Pressure can be continuously adjusted by turning an easily accessible set dial.

With swivel presses, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The semiautomatic function will ensure an automatically opening after the timer releases. This helps in further respects: it's safer for the transfer and textile, because the press opens automatically. In addition this press is being equipped with a pre- and post-pressing button.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.
The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature.

High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements. The transfer process starts by pulling hand lever. The digital temperature control includes both audio and clear visual signals to indicate release time – making your work even easier.

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format, the oblong format for transferring onto sleeves and trouser legs, and the rectangular format for girlie t-shirts as well as a format for umbrellas (Fig. 2).

We can also produce any customized dimensions to fulfill your requirements.

All cap sets (Fig. 3) allow adjustment of the pressure shoe by moving support plate back and forth. This indispensible feature makes it possible to compensate for different forehead heights of caps: adjustment of the shoe allows optimum positioning under the bent heating plate.

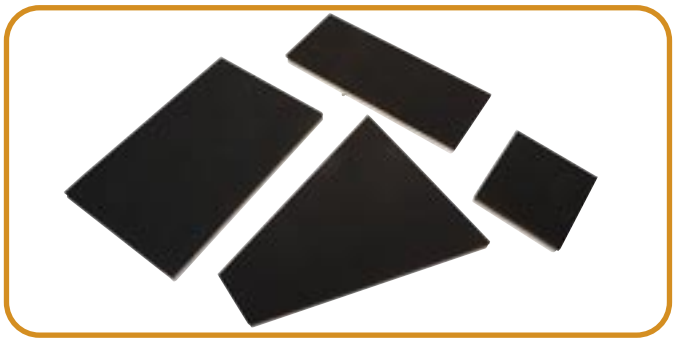

Fig. 2 · girlie plate, longish plate, umbrella plate and smaller square plate

Fig. 3 · Cap set

LTS 550 · LTS 560

The convenient high-capacity press

THE ORIGINAL FROM MILAN SINCE 1972

LTS 550 and LTS 560 are perfect heat transfer presses for manufacturers of sporting goods, team suppliers, and workwear garment manufacturers.

The pneumatic model LTS 550 and the model LTS 560 provide swivel heating plates (LTS 550 · 40 x 50 cm / LTS 560 · 45 x 60 cm) and have been specially developed for digital printing and sublimation techniques. This models offer indispensible advantages over hand-operated presses.

Their most noteworthy characteristics include extremely high contact pressure (2.5–8 bar) and – because it is an automatic press – ease of use. The transfer process is conveniently initiated by pushing two control buttons. After completion, the heating plate lifts automatically.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

With swivel presses, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

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TECHNICAL DATA

Model	**LTS 550**	**LTS 560**
Transfer area	40 x 50 cm	45 x 60 cm
Press size	55 x 70 x 80 cm [b x h x d]	95 x 70 x 105 cm [b x h x d]
Cubic measure	90 x 120 cm [b x d]	123 x 150 cm [b x d]
Support size	60 x 60 cm [b x d]	95 x 105 cm [b x d]
Weight	90 kg	130 kg
Time · Temperature		
Digital timer	0–999 sec	0–999 sec
Temperature	0 – 250 ° C	0 – 250 ° C
Pneumatic function		
Contact pressure	1,2–1,5 kg/cm² · 2,5–8 bar	1,2–1,5 kg/cm² · 2,5–8 bar
Connection · consumption		
Heating output	2000 W	2500 W
Voltage	220 V · 50 Hz one-phase	220 V · 50 Hz one-phase

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 4 + 5 + 6), the oblong format for transferring onto sleeves and trouser legs (Fig. 2 + 5), and the rectangular format for girlie t-shirts (Fig. 5).

Special cap sets (Fig. 1 + 3) are available for pneumatic presses.

We can also produce any customized dimensions to fulfill your requirements.

The unit is also available with two support plates (Mod. LTS 750). LTS 750 PA additionally offers an automatic side swivel.

The performance of this press is optimally supported by our large volume compressors.

Fig. 1 · Cap set

Fig. 2 · Support plates for sleeves or trouser legs · crosswise

THE ORIGINAL FROM MILAN SINCE 1972

Fig. 3 · Cap set

Fig. 4 · Support plates for breast pockets

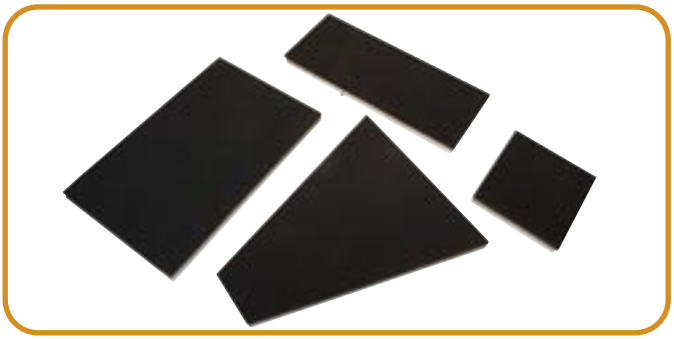


Fig. 5 · Girlie plate, oblong plate, umbrella plate, and smaller square plate

Fig. 6 · Support plate for breast pockets

LTS 550M

Membrane technology

THE ORIGINAL FROM MILAN SINCE 1972

- Ideal for textile printing, technical textiles and dye sublimation on hard and soft substrates
- Compensates unevenness such as buttons, seams, zippers etc.
- Less press marks on textiles
- Transfer area: 38 x 48 cm/14.9 x 18.9 inch (heating plate 40 x 50 cm/15.7 x 19.7 inch)
- Swivelling heating plate for clear view and easy positioning of the transfers
- Fast, even and stable heating system
- Opens automatically
- High contact pressure (2.5-8 bar), precisely adjustable
- Freestanding print plate for comfortable workings
- Clear digital heat and time display

TECHNICAL DATA

Model	LTS 550M
Transfer area	38 x 48 cm · 14.9 x 18.9 inch
Press size	40 x 50 cm · 15.7 x 19.7 inch
Cubic measure	90 x 120 cm · 35.3 x 47.2 inch
Support size	60 x 60 cm · 23.6 x 23.6 inch
Weight	110 kg · 243 lbs
Time · Temperature	
Digital timer	0–999 sec
Temperature	0–250 °C · 0–480f max.
Pneumatic function	
Contact pressure	1,2–1,5 kg/cm² · 2–10 bar
Connection · consumption	
Heating output	2000 W
Voltage	220 V · 50 Hz 110V/60Hz-US, 240V/50Hz-UK

30

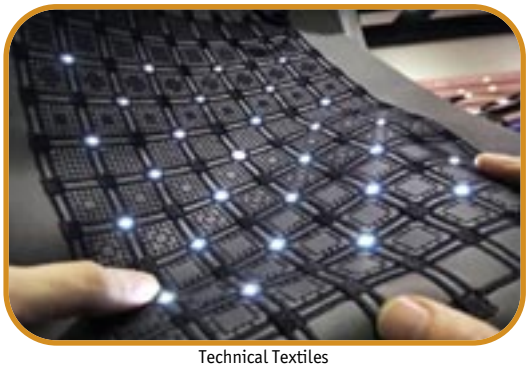
This pneumatic membrane heat press has an inflatable working plate which fills with compressed air. This technology allows a almost perfect compensation of unevennes such as thick seams, buttons, zips, polo strips etc. It is also ideal for applications on technical textiles and dye sublimation on hard substrates.

The membrane function can be easily deactivated and the machine can also be equipped with standard plates to offer you a high flexibility.

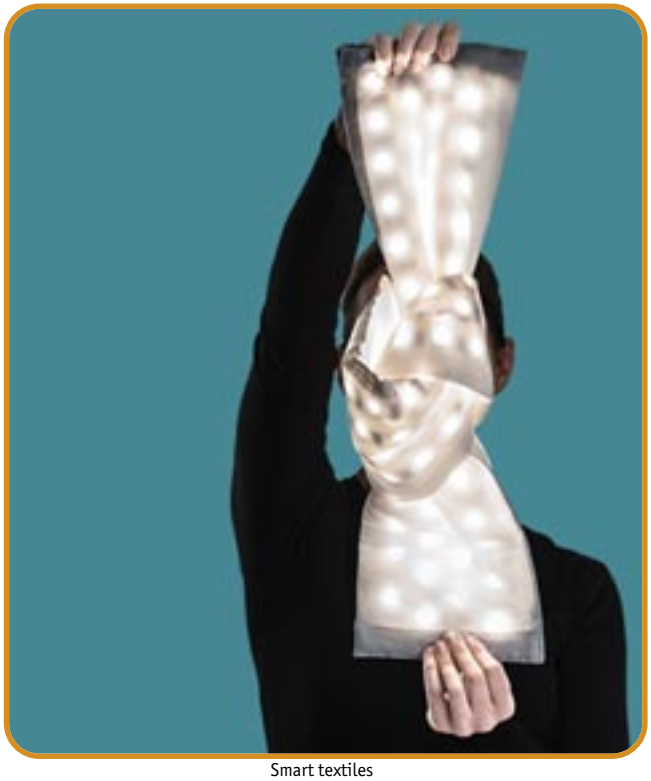
The heating plate can be swiveled to one side, so that the printing plate is no longer covered by simplifying your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer. Only the fabric segment to be printed rests on the freestanding printing plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

Dye Sublimation



Technical Textiles



Smart textiles

31

LTS 575

The convenient high-capacity press for big formats

LTS 575 is a perfect heat transfer press for manufacturers of big format goods.

The pneumatic model LTS 575 provides a swivelling heating plate (75 x 50 cm) and has been particularly developed for digital printing and sublimation techniques.

Compared to hand operated presses, this model offers vital advantages. Its most striking characteristics are a particularly high contact pressure (2.5–8 bar) and – as it is an automatic press – its ease of use. The transfer process is comfortably initiated by pushing two control buttons. After proceeding the heating plate lifts up automatically, or by pushing a release button.

The freestanding supporting plate of each press allows you to mount textiles easily. With a swivelling press, the heating plate can be swivelled to the side, so that the supporting plate is no longer covered by it.

This eases your work process in two respects: First, the mounting of the textile becomes even more comfortable and secondly, you have a free view on the complete textile, easing the positioning of the transfer considerably.

The clearly arranged digital display allows you to comfortably set and control transfer time and operating temperature.

Thanks to the high quality heating technology, not only a fast heating-up and an even and constant operating temperature are guaranteed, but also a long endurance of the heating elements.

Customized heating- and supprting plates can be manufactured on request.

The unit is also available with two supporting plates (Mod. LTS 575).

The performance of this press is optimally supportedby our large volume compressors.

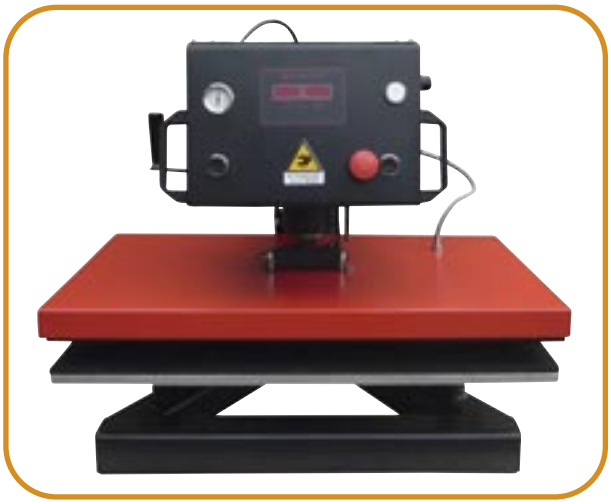


Fig. 1 · comfortable and safe processing

Fig. 2 · freestanding supporting plate

TECHNICAL DATA

Model	**LTS 575**
Transfer area	75 x 50 cm
Press size	100 x 70 x 80 cm [b x h x d]
Cubic measure	100 x 80 cm [b x d]
Support size	100 x 80 cm [b x d]
Weight	150 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	1,2–1,5 kg/cm² · 2,5–8 bar
Connection · consumption	
Heating output	2800 W
Voltage	220 V · 50 Hz one-phase

LTS 750 · LTS 760

Faster, stronger, and more convenient

THE ORIGINAL FROM MILAN SINCE 1972

LTS 750 is a perfect heat transfer press for manufacturers of sporting goods, team suppliers, and workwear garment manufacturers.

The pneumatic model LTS 750 provides a swivel heating plate (40 x 50 cm) and two support plates. It has been specially developed for digital printing and sublimation techniques. This model offers indispensible advantages over hand-operated presses.

Its most noteworthy characteristics include extremely high contact pressure (2.5–8 bar) and – because it is an automatic press – ease of use. No weary arm when producing high numbers! Its double support plate allows you to work fast. While one textile is being printed you can already prepare the next one on the other plate.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

With a swivel press, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

Fig. 1 · Support plates standard

Fig. 2 · Support plates for breast pockets

TECHNICAL DATA

Model	**LTS 750 · LTS 760**
Transfer area	LTS 750: [2 x] 40 x 50 cm · LTS 760: [2 x] 45 x 60 cm
Press size	LTS 750: 100 x 70 x 80 cm [b x h x d]
	LTS 760: 110 x 70 x 85 cm [b x h x d]
Cubic measure	LTS 750 + LTS 760: 100 x 80 cm [b x d]
Support size	LTS 750 + LTS 760: 100 x 80 cm [b x d]
Weight	LTS 750: 110 kg · LTS 760: 130 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic funktion	
Contact pressure	1,2–1,5 kg/cm² · 2,5–8 bar
Connection · consumption	
Watt	LTS 750: 2000 W · LTS 760: 2500 W
Power	220 V · 50 Hz one-phase

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 2 + 7 + 8), the oblong format for transferring onto sleeves and trouser legs (Fig. 3 + 4 + 8), and the rectangular format for girlie t-shirts (Fig. 8).

Special cap sets (Fig. 5 + 6) for pneumatic presses are also available.

We can produce any customized dimensions to fulfill your requirements.

The unit is also available with one support plate (Mod. LTS 550). Our model LTS 750 PA additionally offers an automatic side swivel.

The performance of this press is optimally supported by our large volume compressors.

THE ORIGINAL FROM MILAN SINCE 1972

Fig. 3 · Support plates for sleeves or trouser legs · crosswise

Fig. 4 · Support plates for sleeves or trouser legs · lengthwise

Fig. 5 · Cap set

Fig. 6 · Cap set

Fig. 7 · Support plates for breast pockets

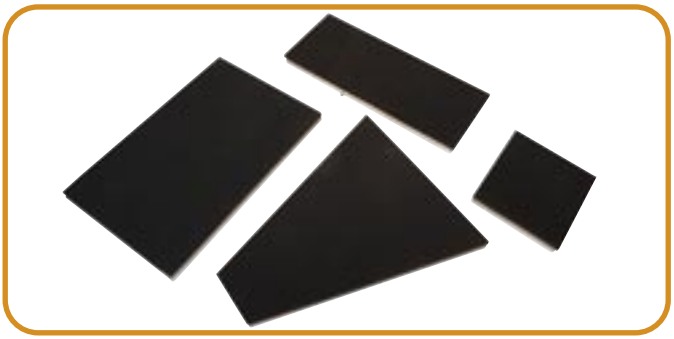


Fig. 8 · Girlie plate, oblong plate, umbrella plate, and smaller square plate

LOTUS TOUCH SCREEN

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LTS 750 PA · LTS 760 PA

Faster, stronger, and even more convenient

THE ORIGINAL FROM MILAN SINCE 1972

LTS 750 PA is a perfect heat transfer press for manufacturers of sporting goods, team suppliers, and workwear garment manufacturers. The pneumatic model LTS 750 PA provides an automatically swiveling heating plate and two support plates. It has been specially developed for digital printing and sublimation techniques. This model offers indispensible advantages over hand-operated presses.

Its most noteworthy characteristics include extremely high contact pressure (2.5–8 bar) and – because it is an automatic press – ease of use. The transfer process is conveniently initiated by pushing two control buttons. After completion, the heating plate lifts automatically.

Its double support plate allows you to work fast. While one textile is being printed you can already prepare the next one on the other plate.
Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

With swivel presses, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

Fig. 1 · Support plates standard · [2 x] 40 x 50 cm

Fig. 2 · Support plates for breast pockets

TECHNICAL DATA

Model	**LTS 750 PA · LTS 760 PA**
Transfer area	LTS 750 PA: [2 x] 40 x 50 cm · LTS 760 PA: [2 x] 45 x 60 cm
Press size	LTS 750 PA: 100 x 70 x 80 cm [b x h x d]
	LTS 760 PA: 110 x 70 x 85 cm [b x h x d]
Cubic measure	LTS 750 PA + LTS 760 PA: 100 x 80 cm [b x d]
Support size	LTS 750 PA + LTS 760 PA: 100 x 80 cm [b x d]
Weight	LTS 750 PA: 140 kg · LTS 760 PA: 145 kg

Time · Temperature

Digital timer	0–999 sec
Temperature	0 – 250 ° C

Pneumatic funktion

Contact pressure	1,2–1,5 kg/cm² · 2,5–8 bar

Connection · consumption

Watt	LTS 750 PA: 2000 W · LTS 760 PA: 2500 W
Power	220 V · 50 Hz one-phase

THE ORIGINAL FROM MILAN SINCE 1972

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 2 + 6 + 7), the oblong format for transferring onto sleeves and trouser legs (Fig. 3 + 7), and the rectangular format for girlie t-shirts (Fig. 7).

Special cap sets (Fig. 4 + 5) are available for pneumatic presses.

We can also produce any customized dimensions to fulfill your requirements.

The unit is also available with one support plate (Mod. LTS 550) or with a hand operated swiveling heating plate and two support plates (Mod. LTS 750).

The performance of this press is optimally supported by our large volume compressors.

Fig. 3 · Support plates for sleeves or trouser legs · lengthwise

Fig. 4 · Cap set

Fig. 5 · Cap set

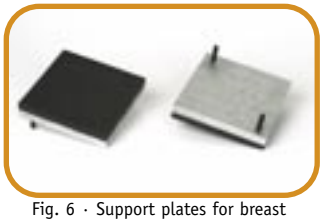

Fig. 6 · Support plates for breast pockets

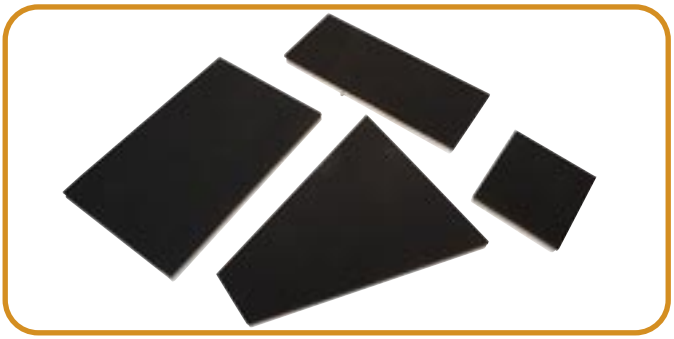

Fig. 7 · Girlie plate, oblong plate, umbrella plate, and smaller square plate

LTS 550 PSA · *ideal for DTG*

With Vacuum System

The LTS 550 PSA is a professional pneumatic heat press with 1 printing plates, equipped with a vacuum system beneath the press.

First of all the vacuum system helps to remove humidity from the fabrics to print on. Furthermore it ensures that very thin fabrics like silk stay even on the lower plate without creating wrinkles during the transfer process.

This is a perfect system for the application of rhinestones such as Svarowski stones, which thanks to the vacuum remain well positioned on fabrics without getting out of place.

Also it is ideal for the fixation in dtg (direct to garment) since heating- and printing plates are perforated and the silicone mats are permeable to air. Therefore the fixation steam emissions can easily escape with this system.
All presses are equipped with an electronic board. Its display enables to control the requested time and temperature. When the pressing time is over, the upper heating plate removes automatically and can be moved to the side with 2 handgrips positioned on the machine's head. The vacuum system can be activated or switched-off at any time, depending on the application needed.

Optional accessories

In addition to the original printing plates, such in other sizes are also available.
Customized sizes on request.
This system is also available with 2 printing plates in 40 x 50 cm (LTS 750 PSA) or 75 x 50 cm (LTS 575 PSA).

The performance of this press is optimally supported by our large volume compressors.

VACUUM SYSTEM

Model	**AT 208**
Voltage	380 V
Rotation	3400/min
Consumption	0,55 W
Frequency	50/60 Hz
Amperage	2,1 Amp

TECHNICAL DATA

Model	**LTS 550 PSA**
Transfer area	40 x 50 cm
Press size	100 x 70 x 80 cm [b x h x d]
Cubic measure	100 x 80 cm [b x d]
Support size	100 x 80 cm [b x d]
Weight	150 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic funktion	
Contact pressure	1,2–1,5 kg/cm² · 2,5–10 bar
Connection · consumption	
Heating output	2000 W
Power	380 V · 50 Hz one-phase
Consumption	ca 2 kW

LTS 750 PSA · *ideal for DTG*

With Vacuum System

The LTS 750 PSA is a professional pneumatic heat press with 2 printing plates, equipped with a vacuum system beneath the press.

First of all the vacuum system helps to remove humidity from the fabrics to print on. Furthermore it ensures that very thin fabrics like silk stay even on the lower plate without creating wrinkles during the transfer process.

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Optional accessories

In addition to the original printing plates, such in other sizes are also available.

Customized sizes on request.

This system is also available with a single printing plate in 40 x 50 cm (LTS 550 PSA) or 2 printing plates 75 x 50 cm (LTS 575 PSA).

The performance of this press is optimally supported by our large volume compressors.

VACUUM SYSTEM

Model	**AT 208**
Voltage	380 V
Rotation	3400/min
Consumption	0,55 W
Frequency	50/60 Hz
Amperage	2,1 Amp

TECHNICAL DATA

Model	**LTS 750 PSA**
Transfer area	[2 x] 40 x 50 cm
Press size	100 x 70 x 80 cm [b x h x d]
Cubic measure	100 x 80 cm [b x d]
Support size	100 x 80 cm [b x d]
Weight	190 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic funktion	
Contact pressure	1,2–1,5 kg/cm² · 2,5–10 bar
Connection · consumption	
Heating output	2000 W
Power	380 V · 50 Hz one-phase
Consumption	ca 2 kW

LTS 750 · 760 PERFOR · *ideal for DTG*

DThe optimal transfer press for DTG fixation, sublimation applications and much more. · Also available with touch screen

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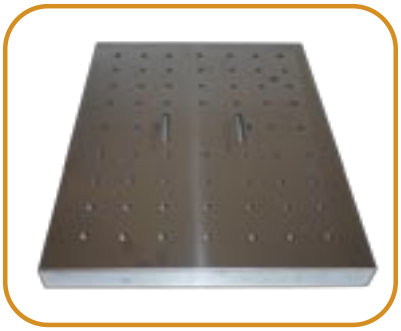

Fig. 1 · perforated heating plate cover in high quality steel

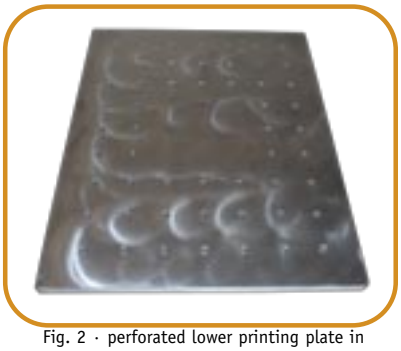

Fig. 2 · perforated lower printing plate in aluminium

Fig. 3 · air permeable silicone mat

TECHNICAL DATA

Model	**LTS 750 Perfor · LTS 760 Perfor**
Transfer area	LTS 750: [2 x] 40 x 50 cm · LTS 760: [2 x] 45 x 60 cm
Press size	LTS 750: 100 x 70 x 80 cm [B x H x T]
	LTS 760: 110 x 70 x 85 cm [B x H x T]
Cubic measure	LTS 750 + LTS 760: 100 x 80 cm [B x T]
Support size	LTS 750 + LTS 760: 100 x 80 cm [B x T]
Weight	LTS 750: 130 kg · LTS 760: 135 kg

Time · Temperature

Digital timer	0–999 sec
Temperature	0 – 250 ° C

Pneumatic funktion

Contact pressure	1,2–1,5 kg/cm² · 2,5–8 bar

Connection · consumption

Heating output	2000 W
Power	220 V · 50 Hz einphasig

The pneumatic LTS 750/760 Perfor with swiveling heating plate and two pressure plates is particularly good for DTG fixation (direct to garments).

The perforated cover of the heating plate, the perforated lower printing plate and the air permeable silicone mat allow the vapors released during the fixation to escape better.

This device is also ideal for sublimation applications and all transfer applications. Compared to manual or semi-automatic heat presses this pneumatic power press offers several benefits.

Its most noteworthy characteristics include extremely high contact pressure (2.5–8 bar) and – because it is an automatic press – ease of use. No weary arm when producing high numbers! Its double support plate allows you to work fast. While one textile is being printed you can already prepare the next one on the other plate.

Thanks to its modular design, only a single press is required to print shirts, jackets, bags, lanyard keychains, and even caps: a variety of support plates can be quickly and conveniently interchanged.

The freestanding support plate of each press allows you to mount textiles easily in a single layer; only the fabric segment to be printed rests on the support plate. Prints previously applied to the textile remain unaffected, and creases impairing the printing result (usually caused by two layers) are easily avoided.

With a swivel press, the heating plate can be swiveled to one side, so that the support plate is no longer covered by it. This simplifies your work process in two respects: first, mounting the textile is even more convenient, and secondly, you have a clear view of the entire textile, allowing easy positioning of the transfer.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

Optional accessories

In addition to the original support plate, support plates in other sizes are also available. Popular sizes include breast pocket format (Fig. 2 + 7 + 8), the oblong format for transferring onto sleeves and trouser legs (Fig. 3 + 4 + 8), and the rectangular format for girlie t-shirts (Fig. 8).

Special cap sets (Fig. 5 + 6) for pneumatic presses are also available.

We can produce any customized dimensions to fulfill your requirements.

The unit is also available with one support plate (Mod. LTS 550). Our model LTS 750 PA additionally offers an automatic side swivel. The performance of this press is optimally supported by our large volume compressors.

LTS 609 · LTS 630 · LTS 640 · LTS 660 · LTS 690

automatic heat transfer press for larger formats

LTS 609 is an automatic press with a pneumatic function.

It is particularly suitable for applying transfer materials and sublimation onto larger textiles. The extricable lower plate allows an easy positioning of the fabrics and logos to print.

The clearly arranged digital display allows you to conveniently set and control transfer time and operating temperature. High-quality heating technology provides quick warmup. Even and constant operating temperature is guaranteed as well as extended durability of the heating elements.

The automatic release of the upper heating plate and the precise adjustability of operating temperature, pressure, and time facilitate fast and safe work on all kinds of textiles.

The lower plate of this model features a special silicone overlay and the upper heating plate has a teflon cover.

LTS 609 is also available in 100 x 90 cm (LTS 630), in 130 x 90 cm (LTS 630), in 160 x 90 (LTS 660) and in 160 x 100 cm (LTS 690).

The perfect solution for heat transfers and sublimation printing on XXL-formats.

TECHNICAL DATA

Model	**LTS 609**
Transfer area	100 x 90 cm
Press size	closed 155 x 110 x 150 cm [d x w x h]
	open 250 x 110 x 150 cm [b x h x d]
Weight	480 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	6000 W
Voltage	380 V

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TECHNICAL DATA

Model	**LTS 630**
Transfer area	130 x 90 cm
Press size	closed 155 x 140 x 150 cm [d x w x h]
	open 250 x 140 x 150 cm [d x w x h]
Weight	550 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	8100 W
Voltage	380 V

TECHNICAL DATA

Model	**LTS 640**
Transfer area	130 x 100 cm
Press size	closed 160 x 140 x 150 cm [d x w x h]
	open 255 x 140 x 150 cm [d x w x h]
Weight	600 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	8100 W
Voltage	380 V

TECHNICAL DATA

Model	**LTS 660**
Transfer area	160 x 90 cm
Press size	closed 155 x 170 x 150 cm [d x w x h]
	open 250 x 170 x 150 cm [d x w x h]
Weight	650 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	11100 W
Voltage	380 V

TECHNICAL DATA

Model	**LTS 690**
Transfer area	160 x 100 cm
Press size	closed 160 x 170 x 150 cm [d x w x h]
	open 255 x 170 x 150 cm [d x w x h]
Weight	700 kg
Time · Temperature	
Digital timer	0–999 sec
Temperature	0 – 250 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	11100 W
Voltage	380 V

XXL-PRESSE LTS 1600 M

with patented membrane technology

The Lotus M-Press series is innovative and unique on the market. It has been specifically designed for sublimation and high pressure applications.

Thanks to the patented membrane technology, the M-Press series offers a constant pressure all the way to the corners. An with compressed air inflated caoutchouc membrane provides an uniform pressure in each square centimetre of the printing plate. Even when you are pressing materials with different thickness at the same time.

The pressure can be regulated in steps of 0,1 bar starting from 0,1 to 4,5 bar*.

The alphanumeric touch screen display offers the possibility to enter the transfer time and the pressure alternatively in kg/cm² or bar.

The transfer temperature is displayed separately. The particularly high-quality ceramic heating elements are integrated in the heating plate. They ensure an equal temperature on the whole printing plate and are individually interchangeable.

Since this press has two pressure feeds, one can be prepared for printing while another is already pressed.

The illustrated LTS 1600 M has a print area of 160 x 100 cm. However, other printing surface variants and individual customer-specific formats are also available.

*4,5 bar are equivalent to 8 bar on a conventional pneumatic heat press

TECHNICAL DATA

Model	LTS 1575	LTS 1675	LTS 1600 M	LTS 1800 M
Transfer area	2 x [150 x 75 cm]	2 x [160 x 75 cm]	2 x [160 x 100 cm]	2 x [180 x 100 cm]
Printing Pressure	0,1–4,5 bar	0,1–4,5 bar	0,1–4,5 bar	0,1–4,5 bar
Digital timer	0–120 sec	0–120 sec	0–120 sec	0–120 sec
Temperature	0 – 230 ° C	0 – 230 ° C	0 – 230 ° C	0 – 230 ° C
Heating output	9 kW	9 kW	12 kW	14 kW
Voltage	380 V	380 V	380 V	380 V
Weight	800 kg	900 kg	1000 kg	1400 kg

YOU CAN FIND THE FOLLOWING AT OUR WEBSITE

as well as other special models described in detail: www.lotustransfers.com.

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LTS 512 N · LTS 514 N · LTS 518 N

These are our largest presses!

In this model group, you will find automatic heat transfer presses with pneumatic functionality for very large formats. They are distinguished by their high capacity and ease of use. Each of these presses features a double carriage, allowing you to prepare one textile while the other is being printed.

These pneumatic large-format presses are especially suitable for heat transfer printing as well as for thermofixing and sublimation on large textiles.

TECHNICAL DATA

Model	LTS 512 N	LTS 514 N	LTS 518 N
Supporting Plate	120 x 80 cm	130 x 90 cm	160 x 80 cm
Digital Timer	0–99 sec	0–99 sec	0–99 sec
max. Temperature	250 ° C	250 ° C	250 ° C
Power Consumption	8100 W	9600 W	11100 W
Mains Voltage	380 V · 50/60 Hz	380 V · 50/60 Hz	380 V · 50/60 Hz
Weight	1200 kg	1250 kg	1300 kg
Printing Pressure	0–650 g/cm³ · 2,5–10 bar		

LTS 15 B

A reel-to-reel label press

LTS 15 B is a pneumatic transfer press specially developed for transferring small logos, emblems, or labels onto textiles. This model provides very efficient automatic positioning of labels using a reel-to-reel function. Safety sensors interrupt the work process if irregularities occur, for example if the operator comes into contact with the transfer area. LTS 15 B features double heating plate with an electronic temperature control and an automatic counter.

LTS 15 B is your maximum efficiency press for printing textile labels in large numbers.

Hotline +49. (0)30. 40 50 45 80

LTS 500 C · LTS 510 C

semiautomatic heat transfer press for lar

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LTS 500 C is a semiautomatic press with a magnet lock which doesn't need a compressor.

It is particularly suitable for applying transfer materials and sublimation onto larger textiles.

The extricable lower plate allows an easy positioning of the fabrics and logos to print. The lower plate of this model features a special silicone overlay and the upper heating plate has a teflon cover.

The automatic release of the upper heating plate and the precise adjustability of operating temperature, pressure, and time facilitate fast and safe work on all kinds of textiles.

The LTS 500 C is also available in 100 x 80 cm (LTS 510 C).

TECHNICAL DATA

Modello	**LTS 500 C · LTS 510 C**
Transfer area	LTS 500 C: 100 x 70 cm · LTS 510 C: 100 x 80 cm
Press size closed	LTS 500 C: 153 x 100 x 160 cm [b x h x d]
	LTS 510 C: 153 x 100 x 160 cm [b x h x d]
Press size with	LTS 500 C: 218 x 100 x 160 cm [b x h x d]
extracted lower plate	LTS 510 C: 223 x 100 x 160 cm [b x h x d]
Weight	LTS 500 C: 180 kg · LTS 510 C: 210 kg
Time · Temperature	
Digital timer	0–99 sec
Temperature	0 – 230 ° C
Pneumatic function	
Contact pressure	0–400 g/cm² · 2,5–8 bar
Connection · Consumption	
Heating output	5400 W
Voltage	380 V

LTS 470 · LTS 480 · LTS 500 · LTS 510

Semiautomatic heat transfer press for larger formats

LTS 500 is a semiautomatic press with a magnet lock. It is particularly suitable for applying transfer materials and sublimation onto larger textiles. The support plate of this model features a special silicone overlay and a heat resistant Nomex cover.

The automatic release of the upper heating plate and the precise adjustability of operating temperature, pressure, and time facilitate fast and safe work on all kinds of textiles. The heating plate is covered with a teflon overlay.

LTS 500 is suitable for heat transfer printing and sublimation transfers onto larger textiles.

LPS 70 · LPS 80 · LPS 100

The fusing specialists

The models LPS 70, LPS 80 and LPS 100 are semiautomatic fusing presses with magnet lock. These units are particularly effective at fusing larger textiles for the clothing industry. The support plates of these fusing presses are equipped with a felt overlay and a heat resistant Nomex cover.

The automatic release of the upper heating plate and the precise adjustability of operating temperature, pressure, and time facilitate a fast and safe work process on all kinds of textiles. All heating plates feature a teflon cover.

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LTS 500

LPS 100

TECHNICAL DATA

Model	LTS 470/LPS 70	LTS 480/LPS 80	LTS500/LPS 100	LTS 510
Transfer area	90 x 50 cm	120 x 50 cm	100 x 70 cm	100 x 80 cm
Timer	0–999 sec	0–999 sec	0–999 sec	0–999 sec
Temperature	0 – 250 °C	0 – 250 °C	0 – 250 °C	0 – 250 °C
Heating energy	4800 W	5400 W	5400 W	5400 W
Voltage	220–380 V	220 – 380 V	220 – 380 V	220 – 380 V
Weight	150 kg	180 kg	180 kg	200 kg

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LTS 205 · LTS 209 · LTS 207 · LTS 220

These units are hand-operated heat transfer presses. They are particularly suitable for the application of transfer materials as well as for thermofixing and sublimation on larger textiles. The presses feature convenient functions for temperature setting, a contact pressure controller, an electronic timer, and more.

This model line has been specially developed for the use in the clothing industry.

LTS 220

TECHNICAL DATA

Model	LTS 205	LTS 209	LTS 207	LTS 220
Transfer area	90 x 40 cm	90 x 50 cm	110 x 40 cm	120 x 50 cm
Timer	0–99 sec	0–99 sec	0–99 sec	0–99 sec
Temperature	0 – 250 °C	0 – 230 °C	0 – 230 °C	0 – 230 °C
Heating energy	3200 W	4800 W	3600 W	5400 W
Voltage	220 – 380 V	220 – 380 V	220 – 380 V	220 – 380 V
Weight	80 kg	95 kg	100 kg	120 kg

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