

HASHIMA®

SUBLIMATION TRANSFER SYSTEM

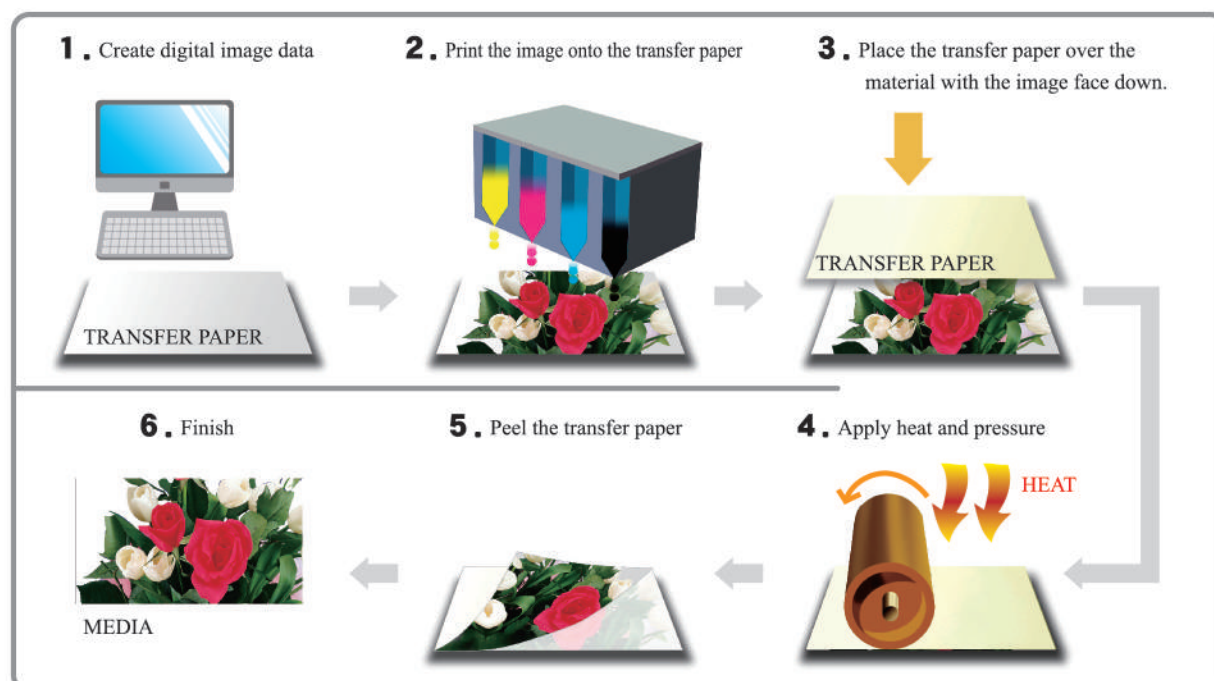


WHAT IS THE SUBLIMATION TRANSFER ?

Sublimation Transfer is printing out to the transfer paper with Disperse dye ink from a ink jet printer, and put this transfer paper and a fabrics into the Heat Transfer Press Machine and press both materials with heat around 200°C. This is a Technic of a dying that vaporized ink percolate into molecule of the fabric as known as “Digital dying” or “Waterless dying”.

Transferable material have to be polyester material. Sample materials: cloth, aluminum, steel or copper plates, plywood and polyester mixed fabrics.

Sublimation Transfer Process



Materials for Heat Transfer Press

PC



Software



Printer



Consumption items



Creating Visually Appealing Advertisement with Vibrant Full Color

When it was necessary, I enabled on-demand correspondence to supply only necessary amount by the short appointed date of delivery. Sublimation ink realized the full color print that a color was bright and enabled three D by superior color development and delicate gradation print. Furthermore, we succeeded in letting steel materials / ceramics such as cloth a tile / wood / aluminum diversify as well as paper in print object material. The creativeness and applying of print are extended in the various industries (an advertisement / interior, apparel) by this success.

Recently high-tech fabrics such as Quick Drying, Moisture permeability, elasticity are required for most sports wear and this is Heat Transferred .



Messages on Uniforms such as “Team Name”, “Player Name”, “Advertisements” used to be embroidered or stuck a labels. Embroidery makes fabrics stiff, and slightly heavy. By sticking a labels make fabric become less moisture permeable and less durable. Therefore technic of heat transfer keep texture of the fabric and moisture permeability durability and elasticity. Additionally it is never lost the color on the fabric by washing.

Infinite design possibility is available by only white plain cloth.



HSP-1300RU / 1600RU / 2000RU

Upper Feeding type Sublimation Heat Transfer Press Machine

- This machine is adopted upper position installation system. Installation of easy shrinking fabrics such as dual-layered fabrics to the machine is easy.

Printed page comes to surface makes regulating pattern easy.

- Size of Heating Drum is $\phi 405\text{mm}$.

And the temperature on the surface of the drum is uniformed.

- You can chose the size of table for material installation. (Option)



- Installation from above.



Installation of the material from above makes the printed surface on the transfer paper to adjust with the materials.

- Table and Paper Guide



The Table and Paper guide assists to install the materials in to the machine

- Operation Panel



LCD Panel shows, Speed, Heating time, and production quantity.

Standard Equipment

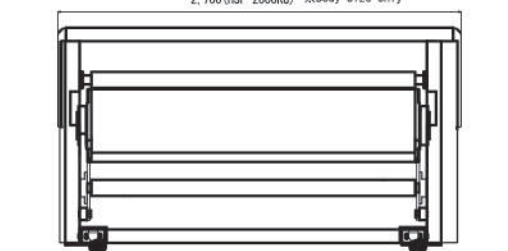
- *Table
- *Guide for materials
- *Foot switch to accelerate
- *Timer for length measurement
- *Winding device

Special Specification

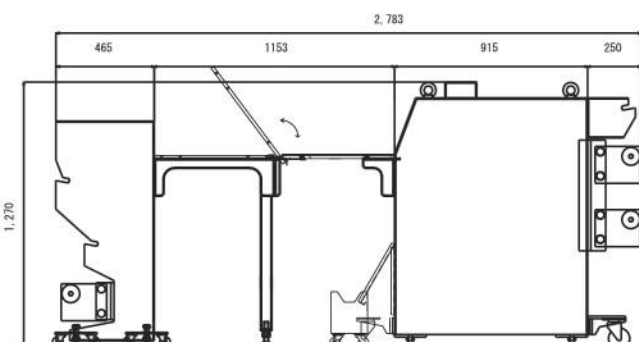
Hashima can prepare wider or smaller size of the machines as your demand.

Dimensions

1, 950 (HSP-1300RU)
2, 250 (HSP-1600RU)
2, 700 (HSP-2000RU) *Body Size only



MODEL	HSP-1300RU	HSP-1600RU	HSP-2000RU
VOLTAGE		3P380V	
RATED OUTPUT	17KW	19KW	21KW
TEMPERATURE MAX		230°C	
FUSING WIDTH	1,300mm	1,600mm	2,000mm
PRESSING SPEED		0~1.58M/min	
DIMENSIONS (W)	2,050mm	2,350mm	2,800mm
(D)		2,210mm	
(H)		1,270mm	
WEIGHT	apx1,050kg	apx1,280kg	apx1,600kg



HSP-1300RL / 1600RL / 2000RL

Lower Feeding type Sublimation Heat Transfer Press Machine

- The drum type special heater assures uniform temperature balance
 - Non-contact temperature sensor and non-contact relay control the actual temperature.
 - The temperature is controlled by a digital thermo which is very easy to read ,so that the actual and established temperature can be recognized at a glance.
 - The speed goes up instantly by a high-speed pedal, which is convenient to start winding.
 - The reverse switch helps returning the material fed in by mistake.
 - The feeding length of the cloth(material) can be shown on the measuring counter.
- * Require air compressor

MODEL	HSP-1300RL	HSP-1600RL	HSP-2000RL
POWER SUPPLY	3 PHASE	3PHASE	3PHASE
RATED OUTPUT	11.7KW	12.6KW	15KW
MAX PRESSURE	5.5kgs/cm ²	5kgs/cm ²	4kgs/cm ²
PRESSING METHOD	AIR	AIR	AIR
TEMPERATURE MAX	230°C	230°C	230°C
FUSING WIDTH	1300mm	1600mm	2000mm
DIMENSIONS (W)	1960mm	2265mm	2700mm
(D)	1635mm	1635mm	1635mm
(H)	1706mm	1706mm	1706mm
WEIGHT	820kgs	950kgs	1250kgs
COMPRESSOR	over 1HP	over 1HP	over 1HP



HSP-5400

- This heat transfer press machine is driven by motor , it doesn't require air system.
(Easy installation and simple maintenance)
- Lower pressure plate is set on plinth and can be changed easily.
- The electronic thermostat and solid state relay minimize thermal difference.
- The upper pressure plate adopts an anti-static electricity Teflon sheet, so that it can be cleaned easily.

MODEL	HSP-5400
POWER SUPPLY	SINGLE PHASE
RATED OUTPUT	1.1KW
MAX PRESSURE	300gs / cm ²
PRESSING METHOD	MOTOR
TEMPERATURE MAX	230°C
DIMENSIONS OF PLATE	500mm x 400mm , 20" x 16"
DIMENSIONS (W)	517mm , 20.6"
(D)	930mm , 37.2"
(H)	495mm , 19.8"
WEIGHT	106Kgs , 233bl



HSP-4536A

- Lower pressure plate can be changed easily and optional lower plates in different sizes are available.
 - The horizontal pressure system gives uniform pressure, assuring no slippage of the products.
 - Pressure, pressing time and temperature control can be made easily.
 - A Teflon sheet is used on the aluminum upper press plate, so that the plate doesn't soil and it can be cleaned easily.
 - A silicon mat is used on the lower aluminum press plate.
- * Require air compressor

MODEL	HSP-4536A
POWER SUPPLY	SINGLE PHASE
RATED OUTPUT	2KW
MAX PRESSURE	570gs / cm ²
PRESSING METHOD	AIR
TEMPERATURE MAX	230°C
DIMENSIONS OF PLATE	450mm x 360mm , 18" x 14.4"
DIMENSIONS (W)	485mm , 19.4"
(D)	820mm , 32.8"
(H)	1020mm , 40.8"
WEIGHT	106Kgs , 233bl
COMPRESSOR	OVER 2HP



HSP-126FA

- The upper plate is coated with an anti-static Teflon sheet for soil-free operation.
(In case adhesives and other impurities stick to the plate, they can be removed easily.)
- The special heater assures excellent thermal efficiency and a long service life.
- Aluminum is used for the upper plate, and the electronic thermostat and SSR control the temperature range.

MODEL	HSP-126FA
POWER SUPPLY	3 PHASE
RATED OUTPUT	5.8KW
MAX PRESSURE	315gs / cm ²
PRESSING METHOD	MOTOR
TEMPERATURE MAX	230°C
DIMENSIONS OF PLATE	1200mm x 660mm , 8" x 24"
DIMENSIONS (W)	1200mm , 48"
(D)	1550mm , 62"
(H)	1570mm , 62.8"
WEIGHT	400Kgs , 881bl



HSP-2412PV-AT / 1713PV-AT / 1513PV-AT

- The temperature on the heating plate is uniform as the temperature is controlled by 5 sections
- By making vacuum space at pressing point, Uniform and high pressing is assured.
- Double tray system increase your productivity
- It is useful to transfer pressing, bonding, or smoothing out the wrinkles for Sublimation transfer, Leather

* Require air compressor



MODEL	HSP-2412PV-AT	HSP-1713PV-AT	HSP-1513PV-AT
POWER SUPPLY	3PHASE	3PHASE	3PHASE
RATED OUTPUT	22KW	18.75KW	16KW
PRESSING METHOD	Vacuum Transfer Press	Vacuum Transfer Press	Vacuum Transfer Press
TEMPERATURE MAX	230°C	230°C	230°C
FUSING WIDTH	2400 X 1200mm	1700 X 1300mm	1500 X 1300mm
DIMENSIONS (W)	2746mm	2586mm	2386mm
(D)	3485mm	3390mm	3390mm
(H)	1590mm	1440mm	1440mm
WEIGHT	2300kgs	2000kgs	1800kgs
COMPRESSOR	over 3HP	over 3HP	over 3HP

HSP-2210 / 1310 / 1010

- The temperature on the heating plate is uniform as the temperature is controlled by 3 sections.
- The wide plate (2,200×1,000) allows pressing for large size materials.
- The lower plate air pressing system with a special mat assures uniform pressure.
- As the tray system which protrudes the work table to the operator's side is adopted, working efficiency has been improved.

* Require air compressor



MODEL	HSP-2210	HSP-1310	HSP-1010
POWER SUPPLY	3PHASE	3PHASE	3PHASE
RATED OUTPUT	16.8KW	9.4KW	9.4KW
PRESSING METHOD	AIR	AIR	AIR
TEMPERATURE MAX	230°C	230°C	230°C
DIMENSIONS OF PLATE	2200mm X 1000mm	1300mm X 1000mm	1000mm X 1000mm
DIMENSIONS (W)	2470mm	1964mm	1604mm
(D)	2753mm	2566mm	2566mm
(H)	1613mm	1297mm	1297mm
WEIGHT	1600kgs	800kgs	700kgs
COMPRESSOR	over 3HP	over 3HP	over 3HP

Custom-made machine

Special change can be made at your request.



HSP-1010



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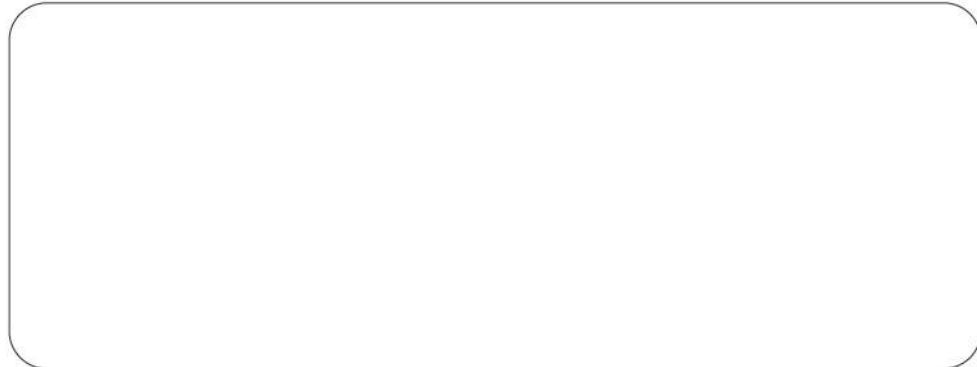
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Specifications contained in this catalogue are subject to change without prior notice.