

**hasel**<sup>®</sup>  
HASEL ÜTÜ MAKİNALARI  
SAN. VE TİC. LTD. ŞTİ



ENGLISH

**NARROW IRONING TABLE  
WITHIN BOILER, VACUUM,  
AIR-STEAM BLOWING AND LAMP**



**OPERATING MANUAL**



ISO 9001:2000



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# MANUFACTURER INFORMATION

Dear Customer,

Firstly, congratulations for your selection. Hasel have been manufactured industrial type ironing machines since 1985 in Turkey. In production stage Hasel concerns about high quality, low price with no compensation of quality and no harm to nature.

This manual contains information about usage of HSL-KBBJ-02. This information intended to help operator. Any problems/questions about this manual should be informed to our head office to obtain necessary information by e-mail or telephone.

**İMALATÇI:** HASEL ÜTÜ SAN. VE TİC.LTD. ŞTİ.

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## ***DEAR CUSTOMER,***

***To obtain the highest efficiency from this product please read this manual thoroughly before operating the product and retain it for future reference.***

# MEANING OF SAFETY SYMBOLS



**Read the manual  
before use**



**Repairs should be made  
by Qualified Person only**



**Electricity**



**High Temperature**



**Main Grounding**



**Internal Grounding**



**Stop the machine  
before maintenance**

# TARİF VE KULLANIM AMACI

**Product Name:** Narrow Ironing Table Within Boiler, Vacuum  
**Model No:**

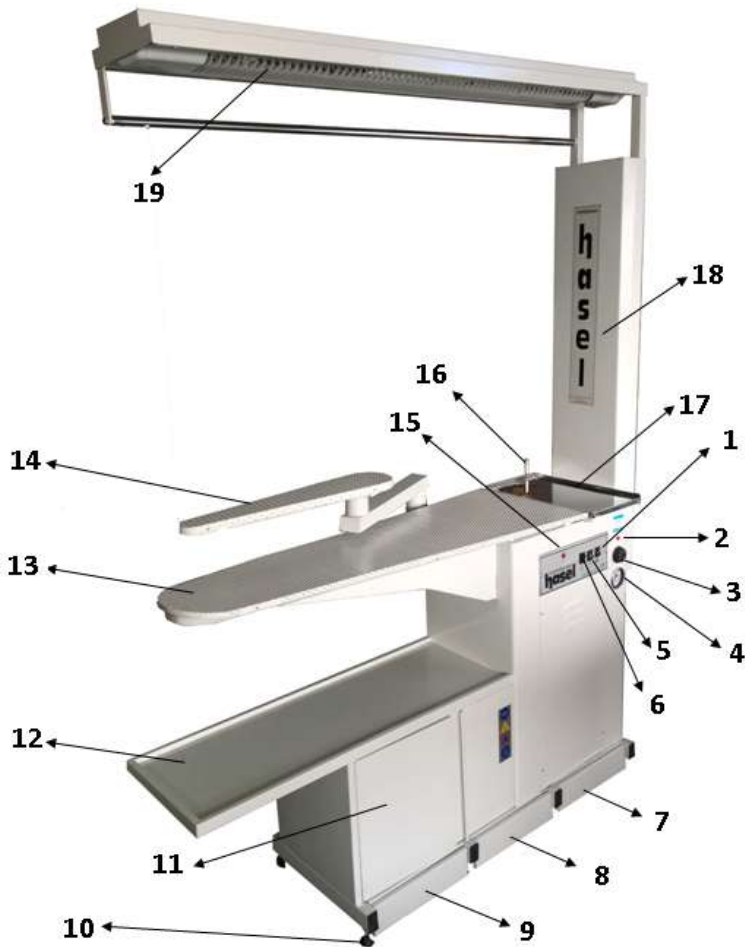
- **HSL-KBBJ-02:** Narrow Ironing Table Within Boiler, Vacuum, Air-steam Blowing, Lamp and Hand Iron

These machines are used for ironing all types of clothes. Models with arm make ironing easier and better for arms of clothes. Using machine with the exception of above determined condition eliminates manufacturer's responsible for damage and injury.

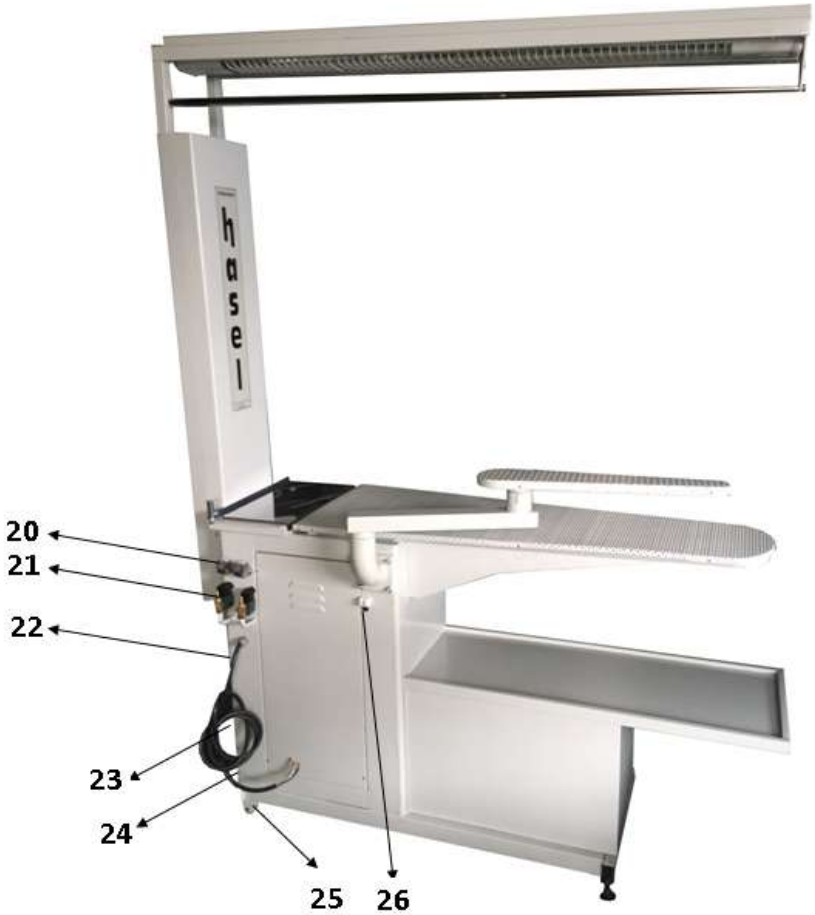
## TECHNICAL SPECIFICATIONS

TYPE	HSL-KBBJ-02
Voltage	380 V
Frequency	50 Hz
Total Power	11 kW
Power of Pump	0.37 kW
Vacuum Motor	0.55 kW
Blowing Motor	0.55 kW
Power of Boiler Resist.	7.5 kW
Power of Surface Resist.	1.5 kW
Power of Arm Resist.	0.5 kW
Working Pressure	3,5 bar
Water Tank Capa.	20 lt
Steam Capacity	10 kg/h
IP Code	Ip 54
Dimensions	160*50*102 cm
Gross Weight	124 kg

# TECHNIQUE DRAFTING



# TECHNIQUE DRAFTING



# PART LIST

<b>PART NAME</b>	<b>NO</b>
Hand Iron Switch	1
Thermostat Signal Lamp	2
Thermostat	3
Manometer	4
Arm Resistance Switch	5
Main Switch	6
Steam Blowing Pedal	7
Air Blowing Pedal	8
Vacuuming Pedal	9
Feet	10
Water Tank's Cover	11
Seat For Clothes	12
Table Plate	13
Swivel Arm	14
Water Signal Lamb	15
Spring Axis	16
Seat For Iron	17
Chimney	18
Lamp	19
Hand Iron Sockets	20
Solenoid Valves	21
Power Cable	22
Steam Discharge Valve	23
Water Discharge Valve	24
Wheels	25
Connector	26



# STORAGE

Store the packed machine in a appropriate place, protected and not subject to bad weather. For a temporary lack of usage, clean it carefully and cover it with a cloth. Discharge water inside the generator if it is not used for long time. Never subject to bad weather.

## TRANSPORT AND HANDLING

To avoid damages to machine, people and environment, take the maximum attention and care during handling of the machine. Comply with the precautions necessary and marked on the cards on the packing and follow chapters carefully.

### Unpacking And Handling

Machine is packed in two ways

- Wrapped by thick nylon or
- Placed in a wooden cage.

If the machine is wrapped by a nylon cover, by putting on transpalette or lifting up; carry it to where you want to place.

If the machine placed in a wooden cage, remove the straps and take it out of the wooden structure. By putting on transpalette or lifting up; carry it to where you want to place.

# GENERAL SAFETY PRECAUTIONS



**When using power tools, the following basic safety measures are to be observed to protect against electrical shock, personal injury and risk of fire.**

Safe operation is enable only if the operation manual is read entirely before attempting to operate the machine and all the content is conformed.

- Disorder in the working area increases risk of an accident.
- Provide good lighting.
- During any operation or fixing on the machine please take care and consider all the precautions which are pointed on warning signs and labels. All warning labels which are placed on machine, meanings were pointed above. Please pay attention.
- Do not use machine in the vicinity of combustible fluids or gases.
- Do not let people other than those who are sufficiently trained, to operate the machine.
- This machine is in accordance with the relevant safety regulations. Repairs must be performed only by an electrical specialist, otherwise accidents can result fort he operator.
- Do not work the machine when it is out of its usage limits.
- Use the identified spare parts and accessories in order to improve the security.
- If it is necessary change the damaged parts with the original ones. The manufacturer is not responsible any damage or injury because of using unoriginal parts.

# GENERAL SAFETY PRECAUTIONS

- Fix the machine to contact arm for protection earth. If the machine is not earthed manufacturer doesn't bear responsibility for any damage or injury occurred by lack of grounding.
- The power cable must be placed properly in order to prevent being stepped on or being put anything on it. Check the cable especially at out going points and connection points. Be careful not to allow any bending or bowing on the cable.
- If the cable is damaged turn off the main switch. Do not allow the machine to work with damaged cable. Let the authorized electrician shift the cable.
- User should not leave the machine alone while it is working.
- When machine Works do not touch base of hand iron.
- Before start maintenance turn off main switch.
- Do not touch hot places if the covers are removed at the maintenance. Electric and steam output must be off.
- Do not start to work until fix cover.
- The machine is under the acceptable noise merit. There is no vibration and radiation spreading.
- The machine can work in a closed area.
- The machine can work between +5-40 °C
- Do not work machine upper 100 ° C. Table cloths can be burned.

***IF THE USERS DO NOT FOLLOW THE CAUTIONS LISTED ABOVE MANUFACTURER WILL NOT BE RESPONSIBLE OF ANY ACCIDENT AND INJURIES***

# MOUNTING INSTRUCTIONS

1. **If the product is three phase:** Prepare a panel near to machine on the wall with 32A an automatic fuse, and earthed socket suitable for 400 V AC-50 Hz.

**If the product is single phase:** Prepare a panel near to machine on the wall with 32A a fuse, and earthed socket suitable for 230 V AC-50 Hz.



*Let a qualified electrician prepare the electric connections of the Machine. Your cable connection must be as it's written in the mounting instruction. Your machine can get trouble by low or high voltage, and this situation is not in guarantee. You can obviate the low or high voltage by using an automatic voltage regulator.*

2. Water discharge valve (24) will be connected to the canalization installation by the hose which can resist 120°C
3. Connect the power cable (22) to socket. Do not forget to earth the machine. Otherwise the manufacturer is not responsible for any damage or injury occurred by lack of grounding.
4. Mount the end of the iron hose to nipple of solenoid valve (21), mount the other end of iron hose to nipple of hand iron with hose clamps.
5. Put the hand iron's plugs to socket (20).

# USING INSTRUCTIONS

1. Fill the water tank with purified water. Not allow to overflow. If no water in the tank the machine does not work.
2. Turn off water discharge valve (24).
3. Turn on main switch (6) and hand iron switch(1).
4. When the manometer (4) reach to 3,7 bars you can start to work..

*If the steam pressure gets over 5 bars turn off the main switch at your electric panel and main switches at your machine, than call a service  
If the pump gets air during filling up water, rip out the screw onto the pump than tighten up the screw until water comes. Dry operating of pump will able to damage it after about 5 minutes.*

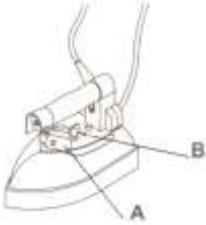
5. When the main switch is opened, turn the heater thermostat (3) on. Adjust the working temperature by using the table heater thermostat between 70-100°C. Do not forget if machine works upper 100°C long time, table cloth can be burned.
6. For vacuuming just press the vacuum pedal (9), as long as you pres pedal, you can get vacuuming.



***Do not forget vacuuming continuously. This situation causes to get upper table wet by cooling and break motor down by warming extremely.***

7. When need air blowing press pedal(8).
8. When need steam blowing press pedal(7).
9. If need the arm heating open switch (5)

# USING INSTRUCTIONS



1. Turn on hand iron switch (2).
2. Adjust hand iron thermostat (B) to your temperature reference.
3. Let steam go out by pressing hand iron switch (A). During you are pressing the switch it will continue.

## MAINTENANCE INSTRUCTIONS

Before reparation, turn the main switches absolutely off. If you take away the protective parts during the maintenance, you have to be careful hot places.

- End of work; turn off the main switches. Turn on discharge valve for evacuating steam.
- Bimonthly, fill the water tank with water and adequate lime preventive than turn on the machine. Allow the machine to idle 1 hour. After that turn on discharge valve (24) for evacuating dissolution lime.

## DISMANTLING AND DISPOSAL

The usage life of the steam tube in the machine is 10 years. (By 8 hours working per day). When machine is gotten out of run, all its spare parts can be waste away to a junk yard. No parts contain any harmful material for environment.

# CERTIFICATE



**for the management system  
according to ISO 9001:2008**

The proof of the conforming application with the regulation was furnished and in accordance with certification procedure it is certified for the company

**HASEL ÜTÜ SAN. VE TİC. LTD. ŞTİ.**

**İkitelli Org. San. Böl. Demirciler San. Sit. B2 Blok No:71-72  
Başakşehir - İstanbul / Turkey**

Scope

**Manufacturing and sales of textile and  
confection ironing machineries**

Certificate Registration No.: TIC 15 100 128158

Valid until: 2015-10-01

Valid from: 2012-10-02

Audit Report No.: 3330 2KKJ A0

This certification was conducted in accordance with the TIC auditing and certification procedures and is subject to regular surveillance audits.

TÜV Thüringen e.V.  
Certification body for  
systems and personnel



Jena, 2012-10-02



DGA-ZM-03-06-00



Original certificates  
are branded with a hologram.

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## MEYER INTERNATIONAL CONFORMITY ASSESSMENT SERVICES

### CERTIFICATE OF CONFORMITY



**EC Council Directive 98/37/EC Machinery Safety Directive**

**Certificate No.: 0806-MAK-011**

*This is to certify the product:*

**"COMBINE IRONING BOARDS"**

Models:

**HSL-KS-01**

Manufactured by

**HASEL ÜTÜ SANAYİ VE TİC.LTD.ŞTİ.**

at

**İkitelli Org. San. Böl. Demirciler San Sit. B5 Blok No: 116**

**Küçükçekmece - İstanbul / TÜRKİYE**

*Complies with the requirements of MEYER Product Certification Procedures*

**Hakan Esgin**

**Technical Manager-Product Service**



**11 June 2008**

**İSTANBUL-TÜRKİYE**

*The manufacturer's technical documentation and product has been reviewed and found to comply with the requirements of MEYER Product Certification Procedure. This certificate of conformity is based on the evaluation of mentioned product given above. Manufacturer/applicant is responsible for maintaining the responsibilities of the relevant regulations. Any significant changes on design or construction of the product or amendments to the relevant directives or standards referred above render this certificate invalid.*