

B-25 Plastic beehive

PLASTIC THERMO BEE HIVE



CH-PTB2020R01

The Plastic Thermo Beehive with its universal fully interchangeable design offers a complete mix and match solution for various beekeeping practices and standards.

PLASTIC THERMO BEE HIVE (TYPE A)

Without frames



2 Story Set Includes All This

- Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 1 Thermo Super
- 1 Thermo Deep Brood Box
- 4 Frame Limiter
- 1 Queen excluder
- 1 Division board
- Sliding Entrance Reducer
- 4 Round Bee Entrances
- Ergonomic IPM Bottom Board



Robust structure with rich components is fully compatible with wooden beehives. It carries the traditional beekeeping in to a next stage.

PLASTIC THERMO BEE HIVE (TYPE B)

With 20 Plastic frames



2 Story Set Includes All This

- Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 1 Thermo Super
- 1 Thermo Deep Brood Box
- 20 Handy Frames
- 4 Frame Limiter
- 1 Queen excluder
- 1 Division board
- Sliding Entrance Reducer
- 4 Round Bee Entrances
- Ergonomic IPM Bottom Board



PLASTIC THERMO BEE HIVE (TYPE C)

With 20 Wooden frames



2 Story Set Includes All This

- Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 1 Thermo Super
- 1 Thermo Deep Brood Box
- 20 Wooden Frames
- 1 Division board
- 4 Frame Limiter
- 1 Queen excluder
- Sliding Entrance Reducer
- 4 Round Bee Entrances
- Ergonomic IPM Bottom Board



PLASTIC THERMO BEE HIVE (TYPE D)

Without frames



3 Story Set Includes All This

- Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 2 Thermo Super
- 1 Bee Escape
- 6 Frame Limiter
- 1 Queen excluder
- 1 Division board
- Sliding Entrance Reducer
- 6 Round Bee Entrances
- Ergonomic IPM Bottom Board



PLASTIC THERMO BEE HIVE

Thermo Bee Hive System

The multi-purpose Thermo Hive types were developed taking bee biology, physiology and behaviours together with beekeeper requests and different ecological characteristics into consideration in line with this perspective. A Colony Management System that enables rearing bees in a healthy environment, transporting them without causing any harm and preventing potential harms to them has been implemented with Thermo Hives.

Thermal Insulation

The innovative all-round double layer insulation helps keep the colony warm in the winter and cool in the summer. A special filling material used in the top cover and side walls of Thermo Hives provides thermal insulation, offering a suitable habitat for the colony in different climatic conditions and consequently enabling wintering without losses.

Active Ventilation

The design of the hives allows the incoming air from the hive bottom filters to rise all the way through the ventilation duct with the increasing temperature, and the exit through the air ducts on the feeders and then through the louvres on the hive top cover. This enables an affective draught free air circulation in the hive. The ventilation system is designed to work separately and independently for each hive model. The ventilation system prevents any rise of in hive humidity, preventing any yeast or mould formation in the hives.

Bee Friendly Plastic

Thermo Hives are manufactured from certified plastic (HDPE) in accordance with the Food Codex, directly coloured without employing external paint, using plastic blow molding and injection molding technologies. Manufactured to have antibacterial features, Thermo Hives support producers in controlling potential European and American Foul Brood diseases. The hives are manufactured with anti-static additives against dust formation and electrification. The raw materials with UV additives to protect the hives against harmful sun rays, thereby prolonging their service life.

Varroa Control without Chemicals

Thermo Hive bottom boards are equipped with an IPM system composed of a varroa excluder and drawer. Thanks to the design of the excluder, varroa falling off the bees cannot re-enter the hive. Regular cleaning of the drawer will lead the bees to the nectar instead of having to perform a nursing flight, providing a positive contribution to honey productivity.

High Productivity

The trouble-free working environment Thermo Hives provides for bees removes the unnecessary work that would otherwise be required, enabling both the bees and the beekeeper to concentrate their efforts on producing honey and other bee products. Colonies coming strong out of wintering work more productively during the season.

Ease of Transport

The rope-winding groove on top of Thermo Hives enables securing the hive on the vehicle for transport. The hive flight board is safely closed and locked, preventing the bees from entering or exiting the hive during transport. The brood box and supers are fixed together with a lock latch device. The latch can also be used to connect several hives together for transportation, unlike the traditional wood hives that just stack on top of each other. The ventilation filters on the bottom of stackable type Thermo hives keep letting air in during transport, eliminating losses and collapse.

Sterilisation

You can disinfect a Thermo Beehive to protect against diseases using common disinfectants. Parts soiled by bees can be washed by sponge or washing up brush, power washing of warm water high pressure (60°C, 60 Bars), bleach water with water (disinfection), or caustic soda with warm water (60°C).

Convenience of use

Thermo Hives are designed and include several accessories as standard such as queen excluder, varroa drawer, varroa trap (IPM bottom board), pollen trap, multifunctional hive entrance, top feeder, lock and latch handles, handy frames, division & uniting board to provide all beekeepers needs and increase productivity.

Long Economic Life

The Thermo Hives are impact proof. They are resistant of outside and external aggression and of all acids and chemical products. They offer an average economic life that is three times longer than that of other types of hives. Each year Thermo Hives prevent thousands of trees in our forests from being cut down for the purpose of making bee hives.

Product Size

Brand: Multi-Sweet
Model: B-25
Country of Origin: China

Top cover dimension:
L*H*W (53-55cm.8mm*9-10cm.4mm*43-45cm.6mm)

Inner cover:
505-510mm*405-410mm and 5 air circulators

Excluder Dimension:
L*W (49-51cm*17-19cm) and 2 air circular and 16 holes for air pass

Top Feeder Dimension:
W*L (40-42cm.6mm*50-51cm.6mm)

Frame total 22 that Dimension:
H*W (23-25cm*45-47cm) Top W (48-50cm)

Deep box top:
34-36cm (w)* 44-45cm. 6mm (L)* 4cm. 6mm (H)

Bee box bottom Dimension:
W*L*H (44cm*57cm.3mm*12cm)

Hygrometer:
Measuring temperature range: -50°C~70°C Temperature display resolution: $\pm 1^{\circ}\text{C}$ Measuring humidity range: 10% to 99% Humidity measurement accuracy: $\pm 5\%$ Humidity sampling period: 10 seconds (1 minute) Rated voltage: DC1.5V Shape Diameter: 45.2MM

Sensor:
Sensor is Easy to know current weather show in sensor Embedded opening size (1.81-1.90*1.06-1.10inch) with High Precision Display Sensor measurement accuracy: ± 2 , use Two battery. Dimension H*W*L (15-16mm*33-35mm*47-48mm)

Pollen traps plates Dimension:

L*W (49-51cm*17-18cm) 2 plates, square bee entrance dia 6.5mm, 6 pcs adjustable lock, pollen holder dimension L*W (46-47cm.2mm*36-38cm.6mm), Rota table axis long 7cm, PVC partition L*W (49-51cm*24-25cm) Thickness 5mm. Queen excluder long 51-52cm and W 41-43cm, hole 2-3cm

Total Bee box Dimension:
72-74cm*45-47cm*59-62cm suitable for length 500-510mm and 490-500mm



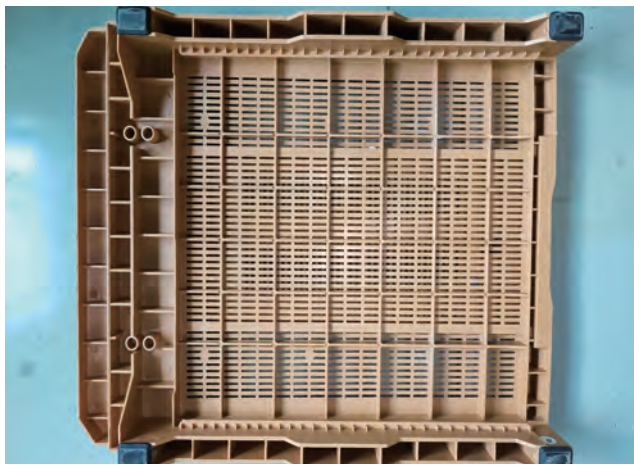
Year Round Insulation

Double walled structure and insulation infills helps bees to maintain a constant temperature in the hive.



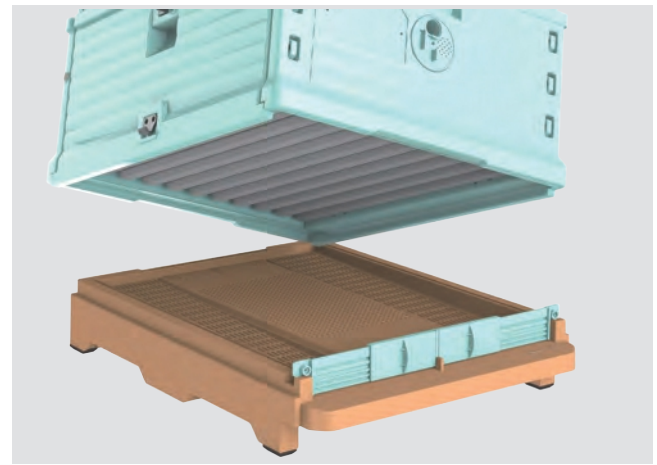
Food Grade Materials

The raw materials used in the manufacturing of the hives are in agreement with food, and constitute a hygienic living space, preventing formation of bee diseases.



Active Air Circulation

Bottom ventilation filter, ventilation holes on feeders, and ventilation louvres on hive top cover provide draught free active air circulation. This maintains in-hive moisture balance and prevents formation of humidity.



Integrated Pest Management (IPM)

The screened bottom increases brood production, reduces Varroa mite counts, enables you to better monitor your Varroa infestation levels, and enables bees to over winter better.



Migratory Beekeeping

The entire sections clips together with heavy duty fixed side clips, also fitted to the sides are lifting handles. All the sections are moulded to ensure correct fitting and slotting together.



Durable and Effective

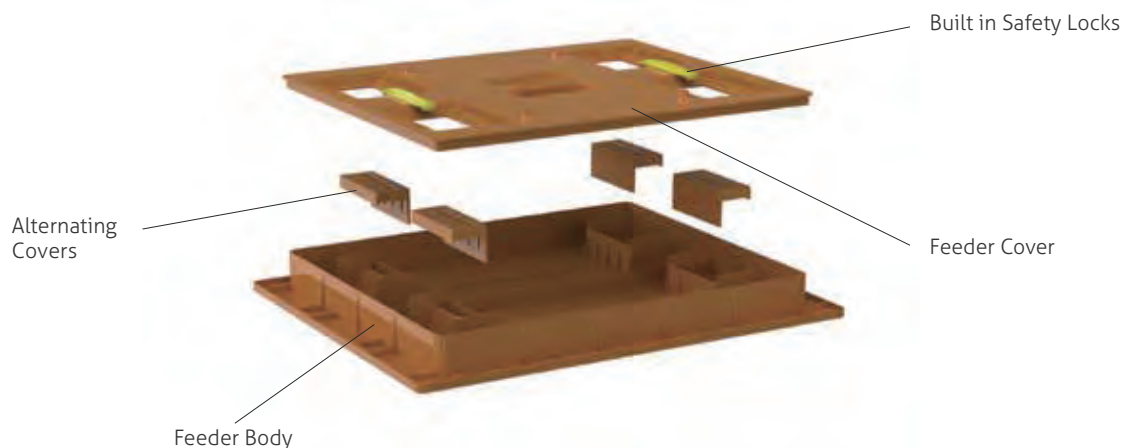
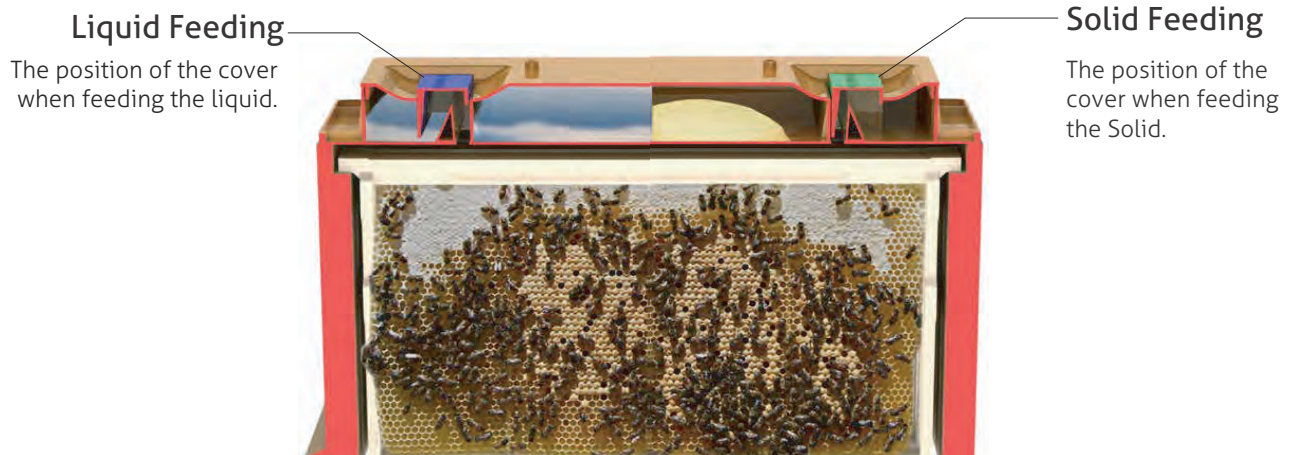
The Thermo Hives Hives are impact proof, they are made from robust, tough and high quality food grade plastic. Their durable structure is suitable for all kinds of climatic conditions.

INNER COVER TYPE TOP FEEDER

The inner board, which can also be used as a feeding element, is one of the important components of in-hive ventilation, together with the air ducts on it. It allows feeding solids and liquids without disturbing the hive temperature balance or the bees. The full feeder model as a standard component of the hive can be used also as two half feeders, depending on preference or need. Ventilation holes are provided around the feeders. Bees can cover some of these holes with propolis when they need to; however, they do not cover all of the holes as the hive walls feature adequate insulation. Thanks to the feeder type inner board, there will be no need for such additional elements as sacking, cloth or plywood to cover the hive top, and any organisms that might pose a threat to bee health will be kept from entering the hive.

The feeder type inner board allows feeding liquids and solids, where each alternating cover fitted on the feeders can be adjusted to the intended position for feeding cake, syrup or water. The hive-top feeder is easy and safe to use, it sits directly on top of the upper deep brood box and under the outer cover (no inner cover is used when a hive-top feeder is in place). It has a reservoir that can hold one to four liters of syrup. Bees enter the feeder from below by means of a covered access. Inner Cover Type Top Feeders are compatible to use with any type of beehives.

Built-in feeders of the inner cover enable solid and liquid feeding without having to open the hive, while both the hive temperature balance and the bees remain undisturbed.



The ventilation through the bottom drawer improves the wintering results. Not even dead bees and other debris can block the air circulation during winter. The hives survive even in situations where the entrance is blocked by ice. During wintering condensed water will run down through the screen bottom. Bee loss and collapse during transport are prevented.

The bee entryways in the bottom board feature extremely convenient opening and closing. Bee flight entrances can be narrowed or enlarged depending on seasonal conditions. The boards are equipped with an IPM system composed of an excluder and a drawer for preventing varroa. Varroa falling into the drawer cannot re-enter the hive.

Ergonomic bottom boards allow varroa control without chemicals. Multiplies the service life of wooden. No assembly. Just position under the hive body and tighten the screws. No maintenance. They can be cleaned easily and conveniently.

The Ultimate Hive Top Cover is a self-ventilating, insulated, telescoping cover. No assembly or painting required. The impact proof thermoplastic polymer construction will not rot, warp or absorb moisture. They are resistant to outside and external aggression and of all acids and chemical products.

Double walled structure and insulation infills helps keep the colony warm in the winter and cool in the summer. During heavy rains sound does not propagate so the colony remains undisturbed. Draught free ventilation system improves airflow and eliminates moisture in the hive. Fits all 10 frame equipment.



Ergonomic Hive Top Cover

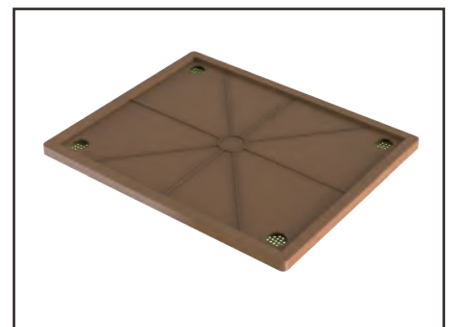


Queen Excluder

The special "spacers" included in the design provide the bees with enough space to move by keeping the excluder from covering the frames.



Round Bee Entrance



Bee Escape

Bee escape, 4 exits, assembled on framed board with release gate.

BOTTOM BOARDS

The varroa mite and the concept of "integrated pest management" (IPM) the "screened" bottom board has become more important.

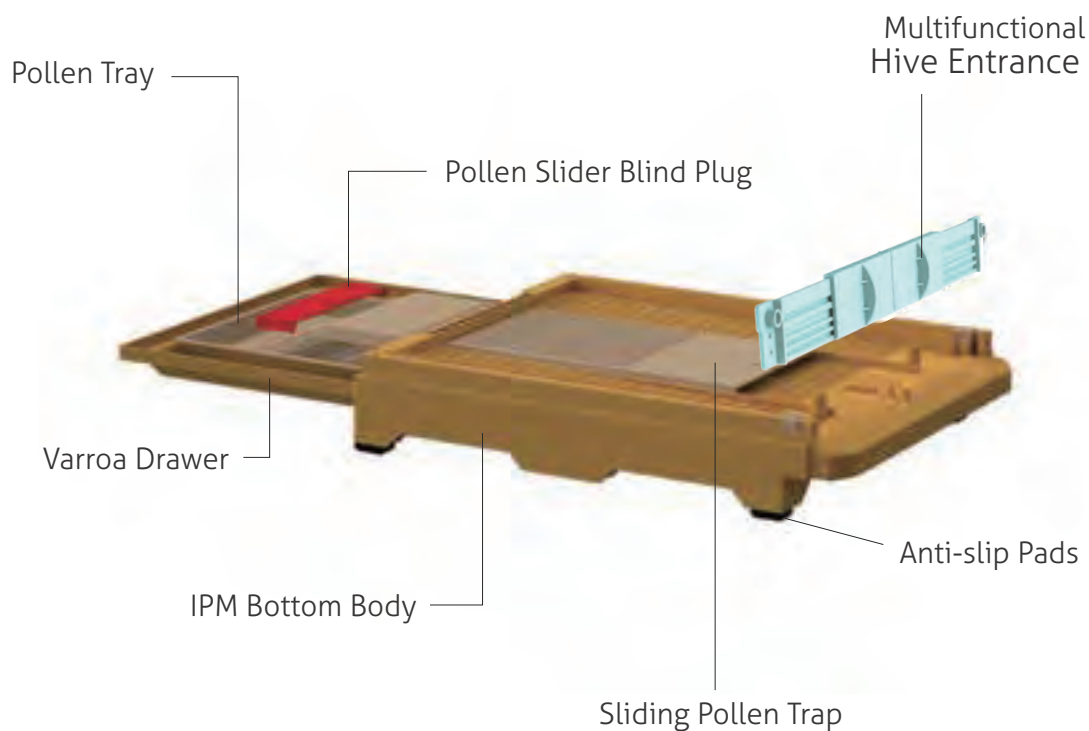
Research has found that a certain number of mites fall to the bottom of the hive as a result of the normal hustle and bustle of the bees above. On solid boards, the mites apparently hitch a ride on passing bees and return to the nest. With a screened bottom, the mites fall through and away from the comings and goings of the passing bees; the mites perish. Using a screened bottom board is a good way to control a certain number of mites in a non-chemical way. The Ergonomic Bottom Board, the complete plastic screen structure and bottom drawer ensures the bees always have controlled fresh air and allows debris and mites to fall out of the hive which you can then examine to learn about the health of your bees.

Ergonomic Bottom Boards With Integrated Pollen Trap

Ergonomic bottom boards fits all 10 frame equipment. These boards can be used under any climatic condition. They are impact-resistant and have a long service life. They are manufactured from recyclable technology polymer materials that are in accordance with the Food Codex.

The bottom boards equipped with pollen trap and drawer enable collection of pollen from the hive on demand. The special design of the pollen trap prevents any harm to worker bees. An additional pollen tray is provided for hygienic collection of pollen inside the drawer.

The ventilation system provides a balanced in-hive humidity rate, early ripening of honey and increased productivity.



Pollen Collecting with Ergonomic Bottom Boards



To collect pollen push the sliding pollen trap all the way front towards the entrance. And place the pollen basket in the bottom drawer

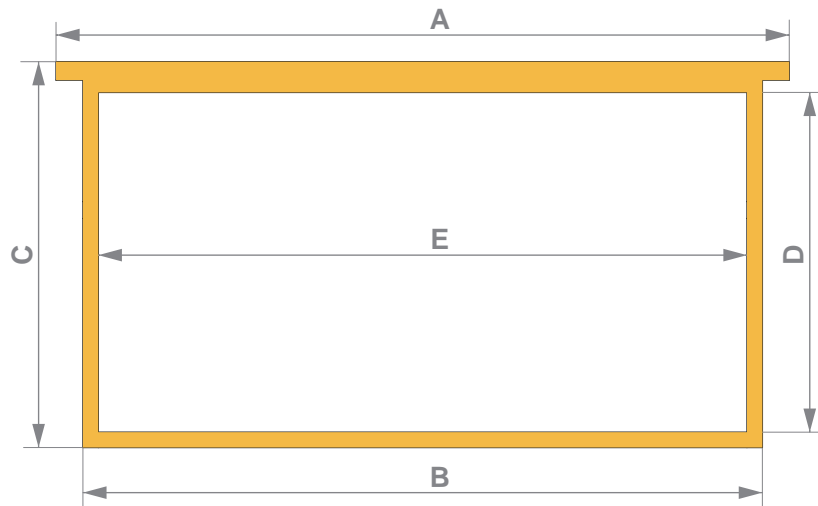


To release, pull the the sliding pollen ap 10 cm back to safety tabs. Replace the pollen basket daily for fresh pollen.



When pollen collecting season is over slide out the pollen trap and replace the red blind plug in its place.

FRAMES TYPES, SIZES AND OPTIONS



LANGSTROTH LN23	ITEM NO	A Top Bar	B Bottom Bar	C Overall Height	D Inner Length	E Inner Width
Deep Handy Frame	20302	480 mm	440 mm	230 mm	200 mm	420 mm
Medium Handy Frame	20304	478 mm	440 mm	160 mm	130 mm	420 mm
Shallow Handy Frame	-	-	-	-	-	-
Comb Honey Frame	20308	473 mm	440 mm	238 mm	φ200 mm x 2	φ200 mm x 2

LANGSTROTH LN25	ITEM NO	A Top Bar	B Bottom Bar	C Overall Height	D Inner Length	E Inner Width
Deep Handy Frame	20301	478 mm	440 mm	250 mm	220 mm	420 mm
Medium Handy Frame	20304	478 mm	440 mm	160 mm	130 mm	420 mm
Shallow Handy Frame	-	-	-	-	-	-
Comb Honey Frame	20307	479 mm	442 mm	248 mm	200 mm x 2	200 mm x 2
Plastic Foundation Frame	20309	480 mm	442 mm	247 mm	237 mm	440 mm
Drone Comb Frame	20310	480 mm	442 mm	247 mm	237 mm	440 mm
Plastic Foundation Sheet	20316	421 mm	421 mm	224 mm	208 mm	405 mm
Queen Frame	20314	234 mm	200 mm	250 mm	220 mm	180 mm

DADANT DN30	ITEM NO	A Top Bar	B Bottom Bar	C Overall Height	D Inner Length	E Inner Width
Deep Handy Frame	20305	480 mm	440 mm	300 mm	270 mm	415 mm
Medium Handy Frame	20304	478 mm	440 mm	160 mm	130 mm	420 mm
Shallow Handy Frame	-	-	-	-	-	-
Queen Frame	20315	242 mm	200 mm	300 mm	270 mm	180 mm

Instructions for Maintenance, Cleaning and Use

1. Hive covers and equipment should be protected from strong blows.
2. Hive equipment and accessories should be periodically cleaned.
3. Cutting, piercing or heat-releasing tools should never be used in cleaning the hive or its components.
4. Hive cleaning should be performed using water (max. 60°C) and a brush. Hive disinfection requires appropriate agents.

Instructions for Transport

1. Any extra or liquid honey in combs should be taken out prior to transport.
2. The flight board(s) should be closed, and secured in place via the latch, prior to transport.
3. The sunshade(s) of the flight board(s) should be removed, and packaged against damage, prior to transport.
4. The upper and lower fixing elements should be fitted in place in order to prevent the frames from shaking during transport.
5. The latches of the handles should be kept locked during transport.
6. The varroa drawer and the bottom ventilation elements should be cleaned and checked prior to transport.

Notice concerning Potential Hazard or Harm to Human or Environmental Health

1. Hives and related equipment do not pose any threat to human or animal health as they are manufactured using plastic raw materials in conformity with the Turkish Food Codex.
2. Hives and related equipment do not pose any threat to environmental health as they are manufactured from recyclable raw materials.

Guidelines against Incorrect Use

1. Never use nails, hammers, adhesives, silicon etc. in the event the hives or hive components become worn out, or unusable after having taken a blow.
2. As the hives and their components are manufactured using the direct-colouring technique, there is no need to apply any coating by paint or solvent-containing protective substances.
3. When placing the frames into the hive, pay attention to the lower fixing element and insert the frames properly, taking care to avoid breaking the locking members of the element.
4. One single type of feed (cake or syrup) should be chosen when feeding by means of a full-size inner board feeder, while both types of feed can be given separately (cake, water – cake, syrup) through multi-piece feeders.

Guidelines for Periodic Maintenance or Cleaning by User

1. Certain hive components and accessories such as feeder-type inner board, queen excluder, varroa excluder, varroa drawer and bottom ventilation channel should be periodically cleaned every 15 days during production season for the beekeeper.
2. Cleaning of the bottom ventilation channel should be performed in spring and autumn, and, in the case of migratory beekeepers, the day before transport.

Material Safety Data Sheet(MSDS) for Plastic beehive

Manufacturer's Name		Henan Multi-sweet Beekeeping Technology Co.,Ltd	
Manufacturer's Address		11F, Building 16B, University Science Park, Dianchang Rd, Zhengzhou, 450007, China	
Contact Telephone		+86- 371 67002231	
Email		Micway2012@beesequipment.com	
Product name: Plastic Beehive MSDS Serial Number: 20220210HDPE Executive standard :GB T1040		NO.: 20220210HDPE Batch (pcs) : 50 pcs Inspection time: 15-February-2021	
Composition information(HDPE)		High Density Polyethylene, contains antioxidants and tougheners, High-density polyethylene is an opaque white wax-like material with a specific gravity lighter than water,soft and tough, and also slightly stretchable, non-toxic and tasteless..	
Analysis items	Quality index	Inspection result	Experiment method
Melt mass flow rate(2.16kg), 190℃,g/10 min	0.1-0.22	0.18	ASTM D-1238
Tensile yield stress, Mpa	≥21.0	26	ASTM D-638
Elongation at break %	≥500	650	ASTM D-638
Pellets Ash, %	≤0.05	0.0206	GB/T 9345-1988
Melting point: 130℃			
Heat distortion temperature: ≥85℃			
Embrittlement temperature: ≤-70℃			
Density :0.941~0.965g/cm ³			
Judgment conclusion: qualified, food grade .			



BEEKEEPING /HONEY PROCESSING EQUIPMENT

Contacts:

Factory: Team 6,Qiuzhuang , Guanting Town, Changge City, Henan
province, China

Marketing office: 11th Floor, Block B, Building 16, University Science
Park, Qinling Road, Zhongyuan District, Zhengzhou City, China

Tel/Fax: +86 371 67002231 Postal code : 450007

Email: micway2012@beesequipment.com

WhatsApp /Phone :+86 18248713956

Website:www.multi-sweet.com

Produced by Multi-SweetGroup



Multi-Sweet Group

Company Information

Group Introduction

Multi-sweet Group is professional beekeeping equipment manufacturer that has 19 years of production experience from China since 2003. It has integrated with the beekeeper management, beekeeping and honey processing machines development and outdoor products.

We reach 100,000 grade GMP purification standard and QS native intelligence. Our products are warmly welcomed of our stable quality, reasonable price and good service by our clients. Multi-sweet has worked in partnership with its customers to accomplish an endless variety new bee products and beekeeping equipment. We strive to make our products in the way of efficient and cost effective as possible by outstanding technology and excellent service, we heartily hope to create a brilliant future with our worldwide friends.

Multi-sweet Group Main Products:

Change Multi-sweet Biotech: Honey extractor, Honey processing machine, Bee smoker, Bee pollen.

Change Sweet Beekeeping: Plastic beekeeping tools, Queen excluder, beekeeping tools.

Change Huakai Beekeeping Equipment: Beehive, Frame, Frame excluder, Beehive accessories.

Henan Multi-sweet Beekeeping Technology: Beeswax machines, Outdoor products, Honey filling/packing machines.



Multi-Sweet Group





Quality Management System Certificate

Henan Multi-sweet Beekeeping Technology Co.,LTD

Registered/Production/Business/Office Address: Room 1101, 11 / F, Block B, Building 16, No. 283,
West Sanhuan Road, Zhengzhou Hi-tech Industrial Development Zone

Quality Management System complies with
GB/T 19001-2016/ISO 9001:2015 Requirements

The certificate is valid for the following scope:

The Sales and Research and Development of beekeeping tools (beehive, bee frames, bee suit, bee foundations, smokers, feeders); The Sales and Research and Development of bee products production equipment (honey extractor, honey filtering and concentration machine, honey filling machine, wax press, wax foundation machine, uncapping machine); The Sales of bee products

Certificate No.: 05320Q30765R0S

Certificate Date: 18-06-2020

Certificate Valid Date: 18-06-2020~17-06-2023

Date of initial Certification: 18-06-2020

Unified Social Credit Code of the Certified Organization: 9141010033009365XC

This certificate is valid only if it is used within the scope of approval administrative permission and competence certificate. This certificate information can be found on the official website of the Certification and Accreditation Administration of the People's Republic of China (www.cnca.gov.cn).
After the expiration of the date of supervision, no laser anti-counterfeit mark affixed, this certificate is invalid.

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中国认可
国际互认
管理体系
MANAGEMENT SYSTEM
CNAS C053-M

General Manager:

Zhaotang

Registered Address :2-77, 10th Floor, Building 2, No. 8 North Chaoyangmen Street, Dongcheng District, Beijing.

Mailing Address: Room 10A, Building F, Fuhua Building, No.8 North Chaoyangmen Street, Dongcheng District, Beijing.

Tel: 010-50981300 P.C.:100708 Website: <http://www.ngv.org.cn>

Certificate of Compliance



No. 3Z200115.HMSOT16

Technical Construction File no. MS2020-01-16

Certificate's
Holder:

Henan Multi-Sweet Beekeeping
Technology Co., Ltd.

Room 1101, 16B Building 16, Xisanhuan Road 283,
High-tech District, Zhengzhou, Henan, China

Certification ECM
Mark:



Product:
Model(s):

Manual Honey Extractor

EX-04S, EX-02S, EX-03S, EX-06S, EX-08S,
EX-10S, EX-12S, EX-14S, EX-16S, EX-18S,
EX-20S, EX-22S, EX-24S, EX-26S, EX-28S,
EX-30S, EX-32S, EX-34S, EX-36S, EX-38S, EX-40S

Verification to:

Standard:
EN ISO 12100:2010

related to CE Directive(s):
2006/42/EC (Machinery)

Remark: The product(s) has been verified on a voluntary basis. The product(s) satisfies the requirements of the Certification Mark of ECM, in reference to the above listed Standard(s). The above Compliance Mark can be affixed on the product(s) accordingly to the ECM regulation about its release and its use. The regulation can be found at www.entecerma.it. This Certificate of Compliance can be checked for validity at www.entecerma.it.

This verification doesn't imply assessment of the production of the product(s).

Additional information, clarification about the CE Marking:



We attest that a TCF for the CE Marking process is in place. Whereas the Manufacturer is Responsible to start the CE Marking Certification Procedure and to perform all the necessary activities, as required by the Directive before placing the CE Mark on the product(s).

Date of issue 15 January 2020

Expiry date 14 January 2025

Chief Manager
Marta Morino

Deputy Manager
Amanda Payne

Ente Certificazione Macchine Srl

Via Ca' Bella, 243 - Loc. Castello di Serravalle - 40053 Valsamoggia (BO) - ITALY
☎ +39 051 6705141 📠 +39 051 6705156 ✉ info@entecerma.it 🌐 www.entecerma.it

Certificate of Compliance



No. 3Z200326.HMSDD55

Technical Construction File no. MS2020-03-08, Test Reports no. B-E200328201

Certificate's
Holder:

Henan Multi-Sweet Beekeeping
Technology Co., Ltd.

Room 1101, 16B Building, Xisanhuan Road 283, High-
tech District, Zhengzhou, Henan, China

Certification ECM
Mark:



Product:
Model(s):

Electric Honey Extractor
(see the following annex)

Verification to:

Standard:
EN 60204-1:2006+A1:2009+AC:2010,
EN ISO 12100:2010,
EN 61000-6-2:2005/AC:2005,
EN 61000-6-4:2007+A1:2011

related to CE Directive(s):
2006/42/EC (Machinery)
2014/35/EU (Low Voltage)
2014/30/EU (Electromagnetic Compatibility)

Remark: This document has been issued on a voluntary basis and upon request of the manufacturer. It is our opinion that the technical documentation received from the manufacturer is satisfactory for the requirements of the ECM Certification Mark. The conformity mark above can be affixed on the products accordingly to the ECM regulation about its release and its use.

Additional information and clarification about the Marking:



The manufacturer is responsible for the CE Marking process. This document has been issued on the basis of the regulation on ECM Voluntary Mark for the certification of products. RG01_ECM rev.3 available at: www.entecerma.it

Issuance date: 26 March 2020

Expiry date: 25 March 2025

Reviewer
Technical expert
Amanda Payne

Approver
ECM Service Director
Luca Bedonni

Ente Certificazione Macchine Srl

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Annex I



No. 3Z200326.HMSDD55

Technical Construction File no. MS2020-03-08, Test Reports no. B-E200328201

Model(s):

EX-04A, EX-02A, EX-03A, EX-06A, EX-07A, EX-08A, EX-10A, EX-12A, EX-14A,
EX-16A, EX-18A, EX-20A, EX-22A, EX-24A, EX-40A, EX-72A, EX-02SE, EX-04SE,
EX-06SE, EX-08SE, EX-10SE, EX-12SE, EX-14SE, EX-16SE, EX-18SE, EX-20SE,
EX-22SE, EX-24SE, EX-40SE, EX-72SE

Ente Certificazione Macchine Srl

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CERTIFICATE

ATTESTATION CERTIFICATE OF MACHINERY DIRECTIVE

Technical file of the company mentioned below has been observed
2006/42/EC Machinery Directive has been taken as references for these processes

Company Name : **Henan Multi-Sweet Beekeeping Technology Co., Ltd.**

Company Address : Room 1101, 16B Building 16, Xisanhuan Road 283, High-tech District, Zhengzhou, Henan, China

Manufacturer Name : **Henan XTM Intelligent Technology Co., Ltd.**

Manufacturer Address : No. 16, Jinzhan Street, High-tech Industrial Development District, Zhengzhou City, Henan Province, China

Related Directives and Annex : **Machinery Directive 2006/42/EC**

Related Standards : **EN 60204-1:2018, EN ISO 12100:2010, EN ISO 19085-1:2021
EN ISO 19085-12:2021**

Product Name : **Beehive Processing Machine Joint Machine**

Report No and Date : MTS-2022-03-18

Product Brand/Model/Type : **MXK3416x7B, QZD1500, MXK3112x5A, MXK3112x6A,
MXK3112x8A, MXK3112x10A**

Certificate Number : **M.2022.206.C72444**

Initial Assessment Date : 31.03.2022

Registration Date : 01.04.2022

Reissue Date/No : -

Expiry Date : **31.03.2027**

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be noticed in case of any changes on the product(s)

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CERTIFICATE

ATTESTATION CERTIFICATE OF MACHINERY DIRECTIVE

Technical file of the company mentioned below has been observed
2006/42/EC Machinery Directive has been taken as references for these processes

Company Name : **Henan Multi-Sweet Beekeeping Technology Co., Ltd.**

Company Address : Room 1101, 16B Building 16, Xisanhuan Road 283, High-tech District, Zhengzhou, Henan, China

Manufacturer Name : **Henan XTM Intelligent Technology Co., Ltd.**

Manufacturer Address : No. 16, Jinzhan Street, High-tech Industrial Development District, Zhengzhou City, Henan Province, China

Related Directives and Annex : **Machinery Directive 2006/42/EC**

Related Standards : **EN 60204-1:2018, EN ISO 12100:2010, EN 415-10:2014
EN 415-3:2021, EN 1672-2:2020**

Product Name : **Mini Honey Filling Machine**

Report No and Date : MTS-2022-04-03

Product Brand/Model/Type : 5-X, 3-X, 4-X, 6-X, 7-X, 8-X, 9-X, 3-Y, 4-Y, 5-Y, 6-Y, 7-Y, 8-Y,
9-Y, 3-Z, 4-Z, 5-Z, 6-Z, 7-Z, 8-Z, 9-Z

Certificate Number : **M.2022.206.C72690**

Initial Assessment Date : 11.04.2022

Registration Date : 12.04.2022

Reissue Date/No : -

Expiry Date : **11.04.2027**


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The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s)

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CERTIFICATE

ATTESTATION CERTIFICATE OF ELECTROMAGNETIC COMPATIBILITY AND LOW VOLTAGE DIRECTIVES

Technical file of the company mentioned below has been observed and audit has been completed successfully.

2014/30/EU Electromagnetic Compatibility Directive and

2014/35/EU Low Voltage Directives have been taken as references for these processes

Company Name : **Henan Multi-Sweet Beekeeping Technology Co., Ltd.**

Company Address : Room 1101, 16B Building, Xisanhuan Road 283, High-tech District, Zhengzhou, Henan, China

Related Directives and Annex : **2014/35/EU Low Voltage Directive**
2014/30/EU Electromagnetic Compatibility Directive

Related Standards : **EN 60335-1:2012+A11:2014+A13:2017+A1:2019+A2:2019+A14:2019**
EN 55014-1:2017+A11:2020, EN 55014-2:2015
EN IEC 61000-3-2:2019, EN 61000-3-3:2013+A1:2019

Product Name : **Beekeeping Tools**

Report No and Date : **BTTCF0608-LVD/EMC**

Product Brand/Model/Type : **WE-1; WE-2; WE-3; WE-4; WE-5; WE-6; WE-7; WE-9; WE-10;**
WE-11; WE-12; AVD-1; OAV-1; OAV-2; VJ-1; VK-2; BT-1; BT-2;
BT-3; BT-4; BT-5; BT-6; BT-7; BT-8

Certificate Number : **M.2021.206.C65385**

Initial Assessment Date : **09.06.2021**

Registration Date : **10.06.2021**

Reissue Date/No : **-**

Expiry Date : **09.06.2026**

The validity of the certificate can be checked through www.udem.com.tr. The CE mark shown on the right can only be used under the responsibility of the manufacturer with the completion of EC Declaration of Conformity for all the relevant Directives. This certificate remains the property of UDEM International Certification Auditing Training Centre Industry and Trade Inc. Co. to whom it must be returned upon request. The above named firm must keep a copy of this certificate for 15 years from the registration of certificate. This certificate only covers the product(s) stated above and UDEM must be notified in case of any changes on the product(s)

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Cod. Fisc. e P.IVA Reg. Imprese 02 332 750 369
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CERTIFICATE

Certificat - Certificado- Сертификат - Zertifikat - 證書

- 1) **APPLICANT:** (who finally puts the product on the market)
Henan Multi-Sweet Beekeeping Technology Co., Ltd.
Room 1101, 16B Building, Xisanhuan Road 283, High-tech District, Zhengzhou, Henan, China
- 2) **CERTIFICATE NO.:** ISETC.000720200622
TECHNICAL REFERENCE: B-E200630019, B-S200630020 (Beide (Shenzhen) Product Service Limited)
- 3) **ISET MARK:**



- 4) **CAUTION ABOUT CE MARKING** (Instruction for the Applicant who puts the product on the EU market):



The label of the CE Marking on the left side should be not less than 5mm height. CE Marking and EC Declaration of Conformity are duties for the manufacturer or its applicant who puts the product on the market. This one is responsible to start the CE marking and certification procedure as required by the legislation in force. Only for the products which are compulsorily included into specific Directives or Regulations will be necessary to appoint a Notified Body.

- 5) **TYPE OF PRODUCT:** Electric Uncapping Knife

MODEL(S): HS-6, HS-6T, HS-14, HS-20, HS-21, HS-22, HS-23, HS-24, HS-25, HS-26, HS-27, HS-28, HS-29, HS-30, HS-31, HS-32, HS-33, HS-34, HS-35, HS-36, HS-37, HS-38, HS-39, HS-40, HS-41, HS-42, HS-43, HS-44, HS-45, HS-46, HS-47

- 6) **LIST OF DIRECTIVES / REGULATIONS / STANDARDS** (as declared by the manufacturer itself)

Low Voltage Directive 2014/35/EU, Electromagnetic Compatibility 2014/30/EU
EN 55014-1:2017, EN 55014-2:2015, EN 61000-3-2:2014, EN 61000-3-3:2013,
EN 60335-1:2012+A11:2014+A13:2017, EN 60335-2-45:2002+A1:2008+A2:2012, EN 62233:2008

- 7) **NOTE:** This document is not referred to any evaluation that could be considered as included in the scope of the activities covered by the standard BS EN ISO/IEC 17065:2012 or European Regulation 765/2008.

- 8) **REMARK:** Certificate is issued on voluntary application from the Client and it gives to the applicant the right to use and affix the ISET Mark on their products, even if it doesn't imply any assessment on the safety and compliance of the product. ISET declares that the only scope of the assessment is to verify the existence of the declaration issued by the manufacturer or an applicant under its own responsibilities.

- 9) **DATE OF ISSUE:** 22/06/2020

EXPIRY DATE: 21/06/2025

- 10) **SIGNATURE:** Xiao Ming

(On behalf of the Legal representative)



Verified

Gold Plus Supplier Assessment Certificate

Certification No.: 21530389_P+T

Henan Multi-Sweet Beekeeping Technology Co., Ltd.

河南多甜蜜养蜂科技有限公司

<http://hnmultisweet.en.alibaba.com>

Onsite assessment was conducted for Changge Multi-Sweet Biotech Co., Ltd. by SGS
(Henan Multi-Sweet Beekeeping Technology Co., Ltd. is a shareholder of Changge Multi-Sweet Biotech Co., Ltd.)

Valid: 21 Jan., 2021 to 20 Jan., 2022

Issued by :

 **Alibaba.com®**

Assessed by :

SGS

Signature: _____



Title: _____
Director of SGS eCommerce, Government & Institution Services, SGS CHK



VERIFICATION OF CONFORMITY

S/N: 002224

No.: **ICR Polska/VC/HX211207**

Name and address of Applicant

Henan Multi-Sweet Beekeeping Technology Co., Ltd.
Room 1101, 16B Building, Xisanhuan Road 283, High-tech District, Zhengzhou,
Henan, China

Name and address of manufacturer:

Henan XTM Intelligent Technology Co., Ltd.
No. 16, Jinzhan Street, High-tech Industrial Development District, Zhengzhou City,
Henan Province, China

Product name:

Beeswax Foundation Machine

Product types:

E310E, M195E, M250E, M310E, M350E, M450E, M310F, M450F,
E195E, E250E, E450E, E310FE, E450FE,
CM-1, CM-2, CM-3, CM-4, CM-5, CM-6

Product trademark:

n/a

This document confirms that the product sample meets the requirements of the following standards:

- Related with Directive 2006/42/EC:
EN 60204-1:2018
EN ISO 12100:2010

The assessment process has been carried out in accordance with individual rules and conditions agreed with the applicant. Evaluation has been carried out in accordance with:

Test reports:

MS2021-12-08

Tests conducted by:

Henan Multi-Sweet Beekeeping Technology Co., Ltd.

Issue date:

16.12.2021

Expiration date:

15.12.2026

Remarks:

Document refers to the above mentioned product and its conformity in regards of above mentioned standard(s) was proven on test sample
Document was issued on voluntary basis and does not imply meeting all essential requirements, assessment of the series-production or any other restricted Notified Bodies conformity assessment procedure appropriate for the product
Document status can be checked: <https://cert.icrpolska.com/>

CE marking remarks:

CE mark is not sanctioned by the following document
CE mark given here as reference, can be only use by the manufacturer after applying all essential requirements from relevant directives



ICR Polska Co. Ltd.
www.icrpolska.com
icrpolska@icrq.com

Director: Rafał Kalinowski
Warsaw, 16.12.2021



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