



APIMAYE
INNOVATIVE BEEKEEPING EQUIPMENT

Bee researched **Bee** innovated **Bee** developed
Bee tested **Bee** refined **Bee** retested
Bee executed **Bee** delivered



www.apimaye.com



ApiMaye Beekeeping Equipment was established to closely follow the global technological trends and advancements in the apiculture industry and bring together everybody engaged in apiculture as a hobby or profession with the state-of-the-art and most suitable equipment. It introduced the "Thermo Bee Hive" system in association with Yıldırım Plastik, a company to which it provides consulting services in product development and marketing. It received innovation awards in a number of countries for the world's first Thermo Bee Hives and raised awareness in the importance of hive in productivity. Apart from the Thermo Bee Hives relying on quality, it manufactures a range of products to modernize its other hive models available across the globe, and carries on R&D studies considering the need for qualified equipment in the industry.

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AWARDS



2009



2010



2011



2012



2012



2013



2013



2014



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ApiMaye Next Generation Bee Hives

Thermo Bee Hive System

The multi-purpose ApiMaye 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 ApiMaye 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

ApiMaye 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, Apimaye 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 that also serves as a carrying handle. 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 to 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.

NO assembly and NO maintenance down the track!

Thermo Hives do not rot, warp or absorb moisture. Therefore there is no maintenance. All Thermo Hives come fully assembled and ready to use.



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

ApiMaye 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.



Alternating Covers

Are adjusted according to the type of feeding (solid or liquid).



Solid Feeding Position

The cover reading "Cake" should be the outermost cover when feeding cake.



Liquid Feeding Position

The cover reading "Syrup" should be the outermost cover when feeding syrup or giving water..

ApiMaye Handy Frames

The hive frames, the fundamental element where the colony performs all of its activities and production, were handled in parallel with the development of ApiMaye Thermo Hive type, resulting in a new frame design. Designed on the basis of studies intended to increase beekeeper productivity, the frame model incorporates hygienic and beekeeperfriendly features as a priority. Many characteristics of conventional frames cause the producer to unnecessarily spend a lot of time, where nailing the frame together, fastening and stretching the wires across the frame, embedding the wax into the frame and attaching it to the top bar result in high labour costs and loss of time. ApiMaye handy frames prevent such loss of time, making it possible to set up a much larger



number of frames in a shorter time and allowing the beekeeper to work with a larger number of colonies. These handy frames are composed of male and female components that can be separated into two. This not only enables the foundation sheet to be conveniently inserted, but also offers, thanks to the wax holders, an alternative to wire stretching and wax embedding. Depending on preference, the fixing rods can be easily removed and the holes for wire stretching can be used instead. Handy Frames can be easily cleaned in 60° warm water and used multiple times. They are also suitable for use with uncapping machines and honey harvesting machines.



Interchange of Frames

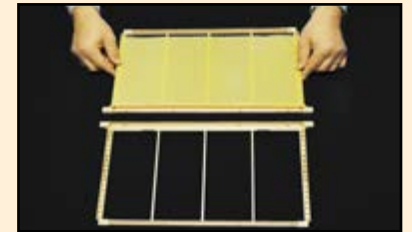
The design of handy frames provides ease of manipulation, permitting rapid usage and interchangeability. Produced in Langstroth and Dadant frame sizes.



Just in 10 Seconds

Handy Frames eliminate the operations of frame assembly, wire stretching and wax embedding; A novice beekeeper can insert the foundation in mere 10 seconds.

Handy Frames Assembly



Remove the connecting sockets to release the frame components, then place the foundation sheet onto the lower component.



Position the upper component on top, taking care to align the pins.



Hold the frame together in an upright position and manually press the two components together to make them snap into one another.



Finish the assembly by replacing the connecting sockets.

ApiMaye Bee Hives

Bees need a warm, secure and dry place to live. In the wild, bees make their nest in a variety of places such as hollow trees and holes in rocks. The beehive was developed to make it easier to manage a colony of bees and collect honey. There are lots of different hive designs throughout the world, which follow the same basic principles. The ApiMaye Hive systems are manufactured for worldwide distribution, using standard dimensions and assembly methods ensuring that the equipment will be interchangeable, strong and durable. The standard measurements are Langstroth and Dadant box sizes. ApiMaye hives design provides simplicity and ease of manipulation, permitting rapid inspection and interchange of frames. Well-constructed equipment pays off in ease of management, and retains its resale value. This information booklet explains general features, models and parts of ApiMaye Hives.

Hive Types & Standards

THERMO HIVES	LANGSTROTH			DADANT		
Series	Production Hive	Queen Hive	Swarm Hive	Production Hive	Queen Hive	Swarm Hive
DEFENDER	✓	✓	✓	✓	✓	✓
ERGO	✓	○	○	✓	*	*
ERGONUC	—	✓	✓	—	—	—
WOODEE	✓	○	○	R	R	R
WOODENUC	—	✓	✓	—	R	R

* Compatible with Defender Series Queen and Swarm Hive
 ○ Compatible with Langstroth 48x25 cm frames
 R Can be produced on request according to minimum quantities

Hive Types & Variations

THERMO HIVES	LANGSTROTH				DADANT		
Series	Deep Brood Box	Deep Super	Medium Super (LD16)	Shallow Super (LD14)	Deep Brood Box	Deep Super	Shallow Super (LD16)
DEFENDER	✓	✓	✓	—	✓	✓	✓
ERGO	✓	✓	✓	✓	✓	✓	✓
WOODEE	✓	✓	R	R	R	R	R

R Can be produced on request according to minimum quantities





DEFENDER SERIES



Inner Cover Type Top Feeder
Enables solid and liquid feeding
balance the hive temperature

Hive Top Cover
Cover and side walls provides thermal
insulation. Durable, noiseless and lends
itself to stacking.

Louvre Filters
On two sides enable air circulation
without admitting rain

**Insulated Brood Box
and Supers**
All-round double layer with a
special filling thermal
insulation keeps the colony
warm in the winter and cool
in the summer. Wintering
without losses.

Flight Holes
Flight Holes on Deep Supers offer an
extra hive entrance during the high
nectar flow. Also can be used for swarm
preventing method.

Queen Excluder
Built in spacers to prevent excluder
from sticking on the frames. Bees
move comfortably.

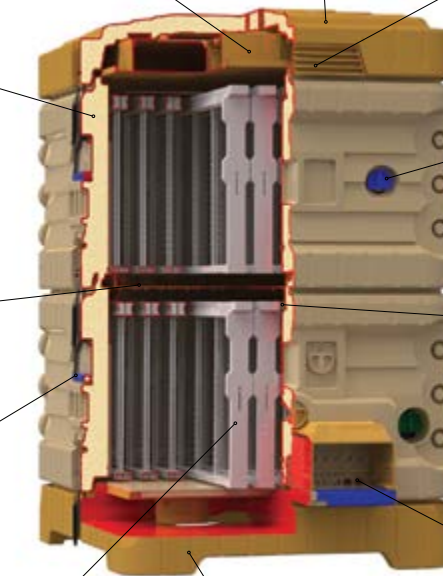
Frame Spacers
Upper and lower castellated
support for the frames can be
reversed if not required. No
need for pre-transport fixing
operations.

Lock and Latch Handles
Fix supers together also use
as a carrying handle

Hive Entrance
The entrance is sheltered from the
wind and rain. Flip over the entrance
reducer for summer and winter
entrance.

Handy Frames
Easy-to-clean material,
in accordance with the
Food Codex.
Insert wax foundation
and snap the frame in
only 10 seconds!

IPM Bottom Board
Equipped standard with
ventilation filters, varroa
excluder and inspection tray



DEFENDER SERIES THERMO HIVES



LN24-21851

The Defender Series is a complete Hive Management System with its own Swarm Rearing and Queen Breeding Hives. The unique design and standard components outperforms what was ever thought from a beehive. It's the premium line of ApiMaye Thermo Beehives.

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
- Frame Spacers & Stoppers
- 4 Lock and Latch Handles
- 2 Lock and Latches
- 1 Queen Excluder
- 1 Division and Uniting Board
- Reversible Bee Entrance
- Fly Board Sun Shield
- Queen Bee Condition Indicators
- IPM Bottom Board



Langstroth Hive Bodies and Supers



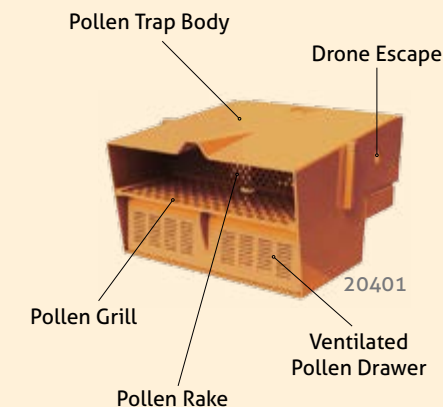
Dadant Hive Bodies and Supers



DEFENDER SERIES THERMO HIVE TYPES	LANGSTROTH		DADANT
	Frame Size LN-23 480 x 230 mm	Frame Size LN-25 478 x 250 mm	Frame Size DN-30 470 x 300 mm
Hive Type	Item no	Item no	Item no
Deep Brood Box	21001	21051	21101
Deep Super	21201	21251	21301
Medium Super (LD-16)	21401	21401	21401
2 Story Set (Deep Brood Box & Deep Super)	21801	21851	21901
2 Story Set (Deep Brood Box & Medium Super)	21601	21651	21701
Queen Breeding Hive	24301	24001	24101
Swarm Rearing Hive	25301	25001	25101

Pollen Trap

Fits over the flight board. The holes in the pollen rake are designed to suit bee physiology according to world standard sizes and do not harm the bees. There is a drone exit hole between the rake and the hive. The ventilated drawer prevents collected pollen from growing humid.



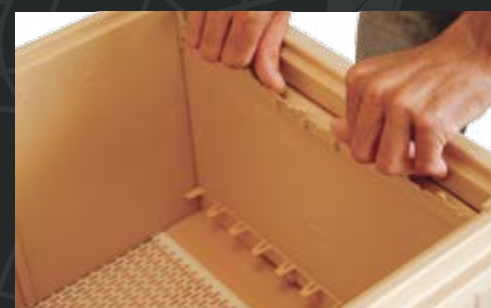
IPM Bottom Board

Consists of four ventilation filters, bottom drawer and an excluder. This ensures your bees always have fresh air and allows debris and mites to fall out of the hive. The drawer is located under the excluder and serves to facilitate control of varroa and cleaning of the bottom board.



Division and Uniting Board

Used for shrinking the hive interior during wintering, the division board has round ducts in its design which can be used in merging as well as uniting colonies.



Frame Spacers and Immobilization

Upper and Lower Fixing Elements By inserting each frame into a slot, potential damages during transport will be prevented, eliminating also the need for pre-transport fixing operations. If not needed can be reversed to a flat side without grooves. The elements comes standard in the brood chamber and supers of Defender Series



Lock-latch Handles

Used to fasten together the bottom board, the brood chamber, the super and the top cover. As the excluder, when inserted, increases the distance in between, a second stage has been added for the latch to lock safely. The handles allow easy handling of the hive.



Bee Entryway Separator

Both sides of the separator can be used by reversing. The three-notched side is used when wintering as an entrance reducer. The opposite side with larger number of notches is for the bees to work and defend their hive easily.



DEFENDERSERIES THERMO HIVES

A complete colony management system

Thermo Swarm Rearing and Queen Breeding Hives are an important part of apiary management and should be used imaginatively. An apiary should be a fairly fluid thing with possibly a fairly stable number of honey producing colonies, and a varying number of support colonies, mainly nuclei that service them. Numbers can be reduced by selling or uniting.

Swarm Rearing Hive

Thermo Swarm Rearing Nucleus with 2 Compartments allows you to winter two relatively weak colonies together in one single hive, smoothly unite a queenless colony with a queenright colony, rear queens without having to perform any extra work on the frames, prevent bee losses by means of the sunshade and the colour sockets intended to keep the bees from mistaking their colony for another, control varroa through the varroa drawer, and use this Nucleus also as a Thermo Production Hive.



LN24-25001

INCLUDES ALL THIS:

- Hive Top Cover
- 2 Inner Cover Type Half Feeders
- 1 Thermo Deep Brood Box
- 16 Queen Frames
- 8 Frame Adapters
- Frame spacers & stoppers
- 2 Lock and Latch Handles
- 2 Lock and Latches
- 2 Division & uniting board (full size)
- 2 Reversible bee entrance
- 2 Mating gates
- 1 Fly Board sun shield
- Queen bee condition indicators
- IPM Bottom Board



Queen Breeding Hive

Queen Breeding Nucleus with 4 Compartments allows, by its very design, to simultaneously rear and feed four independent colonies in any region or climate. The living space available per colony not only enhances queen quality and enables her to lead a larger colony population, but also serves to increase productivity. With 4 Compartments was designed to lend itself to be converted into a Thermo Swarm Rearing Nucleus with 2 Compartments or a Thermo Production Hive, by means of accessories, if needed.

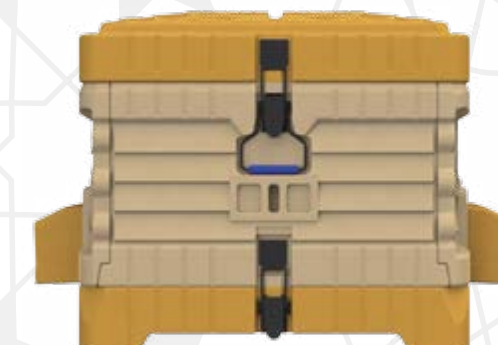


INCLUDES ALL THIS:

- Hive Top Cover
- 4 Inner Cover Type Queen Feeder
- 1 Thermo Deep Brood Box
- 16 Queen Frames
- 8 Frame Adapters
- Frame spacers & stoppers
- 2 Lock and Latch Handles
- 2 Lock and Latches
- 2 Division & uniting board (full size)
- 2 Division & uniting board (half size)
- 4 Mating gates
- 2 Reversible bee entrance
- 2 Fly Board sun shields
- Queen bee condition indicators
- IPM Bottom Board

Queen Status Indicators Sign Meanings

	No Queen In Hive	⊖
	Virgin Queen In Hive	♀
	Queen Cup Given	○
	Queen Laying Eggs	♀

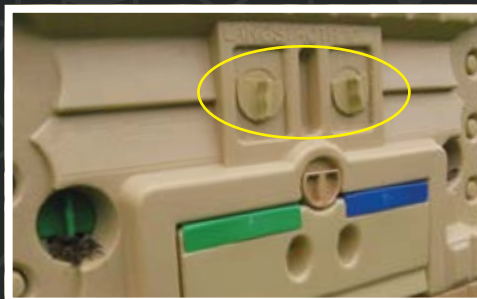


LN24-24001



Queen Frame

Half the size of a normal frame, it is used for rearing queens. Queen frames can also be converted into a normal frame, if so desired, by linking them together via a special socket to obtain the size of a standard honey frame.



Queen Bee Status Indicator

Provide convenience to the beekeeper in checking the condition of the queen(s) if any in the hive without having to open the top cover thereby saving time. No more stones on the hives!



Mating Gate

There is a queen entrance towards the top of the brood box; this reduces the production of castes as virgin queens leave by the highest exit and if she leaves, it is with a very small retinue.



Flight Board

Located on two sides of the hive body for queens, each flight board has two color sockets on it for bees to identify their own colony. The boards provide independent entry & exit for two or four colonies, and they can be easily closed and locked during transporting queens.



Division and Uniting Board Half Size

Used in dividing the Queen Hive compartment in to two smaller compartments, it has a uniting element which is opened to accustom the colonies to one another when uniting the colonies afterwards the board is removed from the hive.



Bee Space

System allows queen bee breeding in any region and under any climatic condition. Adequate working space provided in each compartment for worker bees and queen bees helps avoid colony migration and losses.



ERGO SERIES



Hive Top Cover
Provides thermal insulation. Durable, noiseless and lends itself to stacking.

Insulated Brood Box and Supers
All-round double layer with a special filling thermal insulation keeps the colony warm in the winter and cool in the summer. They are fully interchangeable with wooden beehives.

Queen Excluder
Built in spacers to prevent excluder from sticking on the frames. Bees move comfortably.

Lock and Latch
Fix supers together. As the excluder, when inserted, increases the distance in between, a second stage has been added to the lock. Made from food grade stainless steel.

Inner Cover Type Top Feeder
Enables solid and liquid feeding balance the hive temperature

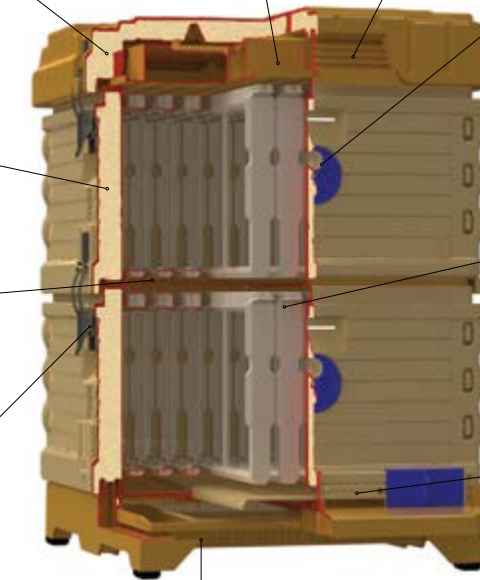
Louvre Filters
Provides a high On two sides enable air circulation without admitting rain

Round Bee Entrance
Rotating disc used for controlling access to the entrance of beehives. Four access options: Fully open, queen exclusion, closed with ventilation and fully closed.

Handy Frames
Easy-to-clean material, in accordance with the Food Codex. Insert wax foundation and snap the frame in only 10 seconds!

Entrance Reducer
The colored sliding gates on the entrance reducer feature extremely convenient opening and closing. Bee flight entrances can be narrowed or enlarged depending on seasonal conditions. Easily sealed of for any journey.

Ergonomic IPM Bottom Board with Pollen Trap
Trap Equipped standard with varroa excluder grill and inspection tray. Integrated pollen trap and pollen collection tray enable collection of clean pollen from the hive.



ERGOSERIES THERMO HIVES

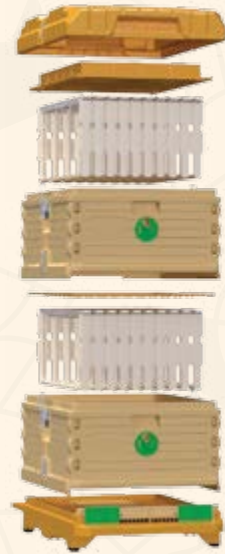
The Ergo Series Thermo Beehive with its universal fully interchangeable design offers a complete mix and match solution for various beekeeping practices and standards. Robust structure with rich components is fully compatible with wooden beehives. It carries the traditional beekeeping in to a next stage.



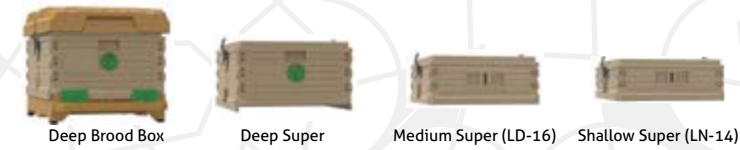
LN24-22851

2 STORY SET INCLUDES ALL THIS

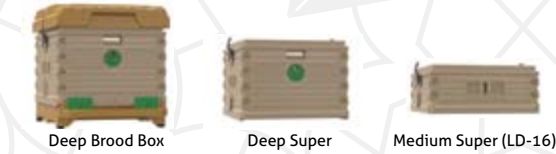
- Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 1 Thermo Super
- 1 Thermo Deep Brood Box
- 20 Handy Frames
- 4 Lock and Latch Handles
- 4 Frame Stoppers
- 1 Queen excluder
- 1 Division board
- Sliding Entrance Reducer
- 2 Round Bee Entrances
- Ergonomic IPM Bottom Board with Pollen Trap



Langstroth Hive Bodies and Supers



Dadant Hive Bodies and Supers



ERGOSERIES THERMO HIVE TYPES	LANGSTROTH		DADANT
	Frame Size LN-23 480 x 230 mm	Frame Size LN-25 478 x 250 mm	Frame Size DN-30 470 x 300 mm
Hive Type	Item no	Item no	Item no
Deep Brood Box	22001	22051	22101
Deep Super	22201	22251	22301
Medium Super (LD-16)	22401	22401	22401
Shallow Super (LN-14)	22501	22501	22501
2 Story Set (Deep Brood Box & Deep Super)	21801	22851	22901
2 Story Set (Deep Brood Box & Medium Super)	21601	22651	22701
Queen Breeding Hive (DEFENDER SERIES)	24301	24001	24101
Swarm Rearing Hive (DEFENDER SERIES)	25301	25001	25101

Wintering without losses...

A major challenge to the beekeeper is helping the bees survive winter weather. Starvation, cold, dampness, mites and nosema all make winter survival within the hive difficult. Colonies in Thermo Hives eat less food during the winter and are better able to move their clusters to new areas of honey within the hive. With the insulated Thermo Hive bodies and top cover the bees cluster loosely or not at all and do not fall victim to "cold starvation" when they move to reach it because of lack of food.

ERGOSERIES Thermo Beehives parts are designed to be suitable for use with wooden supers. The great mix and match solution allows beekeeper to overwinter colonies in the insulated bodies and use the present wooden supers when needed.





WOODEE SERIES



Hive Top Cover
Provides thermal insulation.
Durable, noiseless and lends itself to stacking.

Wooden Hive Bodies
Hive bodies and hive supers are four-sided wooden boxes with standardized inside dimensions.

Queen Excluder
Built in spacers to prevent excluder from sticking on the frames. Bees move comfortably..

Lock and Latch
Fix supers together. As the excluder, when inserted, increases the distance in between, a second stage has been added to the lock. Made from food grade stainless steel.

Inner Cover Type Top Feeder
Enables solid and liquid feeding balance the hive temperature

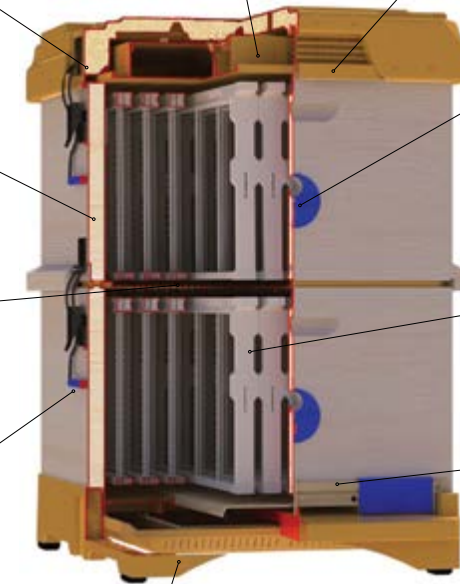
Louvre Filters
On two sides enable air circulation without admitting rain

Round Bee Entrance
Rotating disc used for controlling access to the entrance of beehives. Four access options: Fully open, queen exclusion, closed with ventilation and fully closed.

Handy Frames
Easy-to-clean material, in accordance with the Food Codex. Insert wax foundation and snap the frame in only 10 seconds!

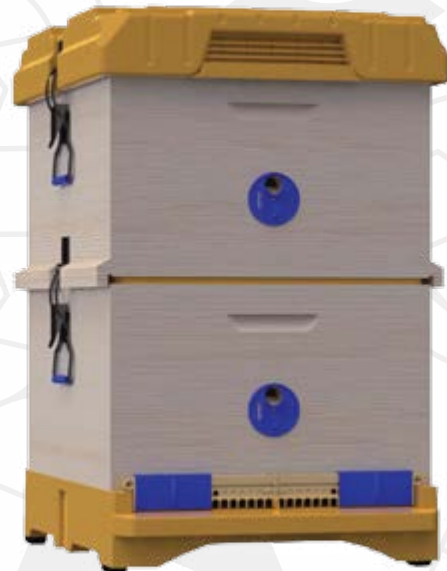
Entrance Reducer
The colored sliding gates on the entrance reducer feature extremely convenient opening and closing. Bee flight entrances can be narrowed or enlarged depending on seasonal conditions. Easily sealed of for any journey, accordance with the Food Codex. Insert wax foundation and snap the frame in only 10 seconds!

Ergonomic IPM Bottom Board with Pollen Trap
Equipped standard with varroa excluder grill and inspection tray. Integrated pollen trap and pollen collection tray enable collection of clean pollen from the hive. The special design of the pollen trap prevents any harm to worker bees.



WOODEE SERIES BEE HIVES

The Woodee Series is a modified wooden hive, possessing the futures of Thermo Bee Hives in its body. The combination of modern and classic brings out the best solution for durable value added beehive and healthy colonies.



LN24-23851

2 STORY SET INCLUDES ALL THIS

- Thermo Hive Top Cover
- Inner Cover Type Feeder 4 lt
- 1 Wooden Super
- 1 Wooden Deep Brood Box
- 20 Handy Frames
- 4 Lock and Latch Handles
- 1 Queen excluder
- 1 Division board
- Sliding Entrance Reducer
- 2 Round Bee Entrances
- Ergonomic IPM Bottom Board with Pollen Trap



Langstroth Hive Bodies and Supers



Deep Brood Box



Deep Super



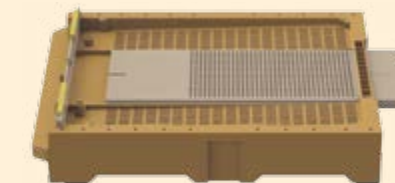
Medium Super (LD-16)

WOODEE SERIES HIVE TYPES	LANGSTROTH		DADANT
	Frame Size LN-23 480 x 230 mm	Frame Size LN-25 478 x 250 mm	Frame Size DN-30 470x300 mm
Hive Type	Item no	Item no	Item no
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Queen Breeding Hive (DEFENDER SERIES)	24301	24001	24101
Swarm Rearing Hive (DEFENDER SERIES)	25301	25001	25101

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 trap 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.



ERGONUC NUC SERIES

Ultimate ApiMaye **NUCSERIES** have all the features of a standard 10 frame Langstroth ApiMaye hive except with a reduced width. Apart from the typical 5 frame nucleus hives ApiMaye Nucs offer various layouts of 2-7 frames for building a nuclei colony including a queen, workers, brood in all stages, and honey stores if needed. Enables bees to control the temperature and humidity of the colony, which is vital for brood rearing. ApiMaye **NUCSERIES** nucleus hives consist of 2 variations; **ERGONUC** with isolated thermo body and **WOODEENUC** with wooden body. Apart from **WOODEENUC** models wooden body structure, **ERGONUC** by its unique design and insulated body intended for overwintering, provides a colony capable of surviving winter possessing a large



22011

ERGONUC INCLUDES ALL THIS;

- Thermo Hive Top Cover (Nuc Size)
- Inner Cover Type Feeder (Nuc Size)
- 1 Ergo Nuc Body
- 6 Handy Frames
- 2 Lock and Latches
- 1 Division & Uniting board
- Sliding Entrance Reducer (Nuc Size)
- 2 Round Bee Entrances
- Ergonomic IPM Bottom Board R type



enough winter cluster to survive winter in harsher climates. ApiMaye **NUCSERIES** nucleus hives are equipped with IPM Bottom Board with inspection tray, Feeders, Mating Gates and Dividing Uniting board that can be used to stop overcrowding in a larger, healthy colony by splitting some of the population off to a new colony and can also be used to care for spare queens. A nucleus colony can be combined with the larger colony to re-queen it with a much smaller break in brood rearing. Beekeepers can combine nucs together in the fall to produce a single, strong colony OR nuc colony can also grow into a full-sized colony, given proper time, favorable weather, and appropriate resources.

WOODEENUC NUC SERIES



23061

WOODEENUC INCLUDES ALL THIS;

- Thermo Hive Top Cover (Nuc Size)
- Inner Cover Type Feeder (Nuc Size)
- 1 Wooden Nuc Body
- 6 Handy Frames
- 2 Lock and Latches
- 1 Division & Uniting board
- Sliding Entrance Reducer (Nuc Size)
- Ergonomic IPM Bottom Board R type



NUCSERIES ACCESSORIES

- 20103** Thermo Hive Top Cover (Nuc Size)
- 20212** Inner Cover Type Feeder (Nuc Size)
- 20455** Division & Uniting board (Nuc Size)
- 20093** Ergonomic IPM Bottom Board (Nuc Size)
- 20525** Sliding Entrance Reducer (Side Entry)
- 20526** Sliding Entrance Reducer (Center Entry)

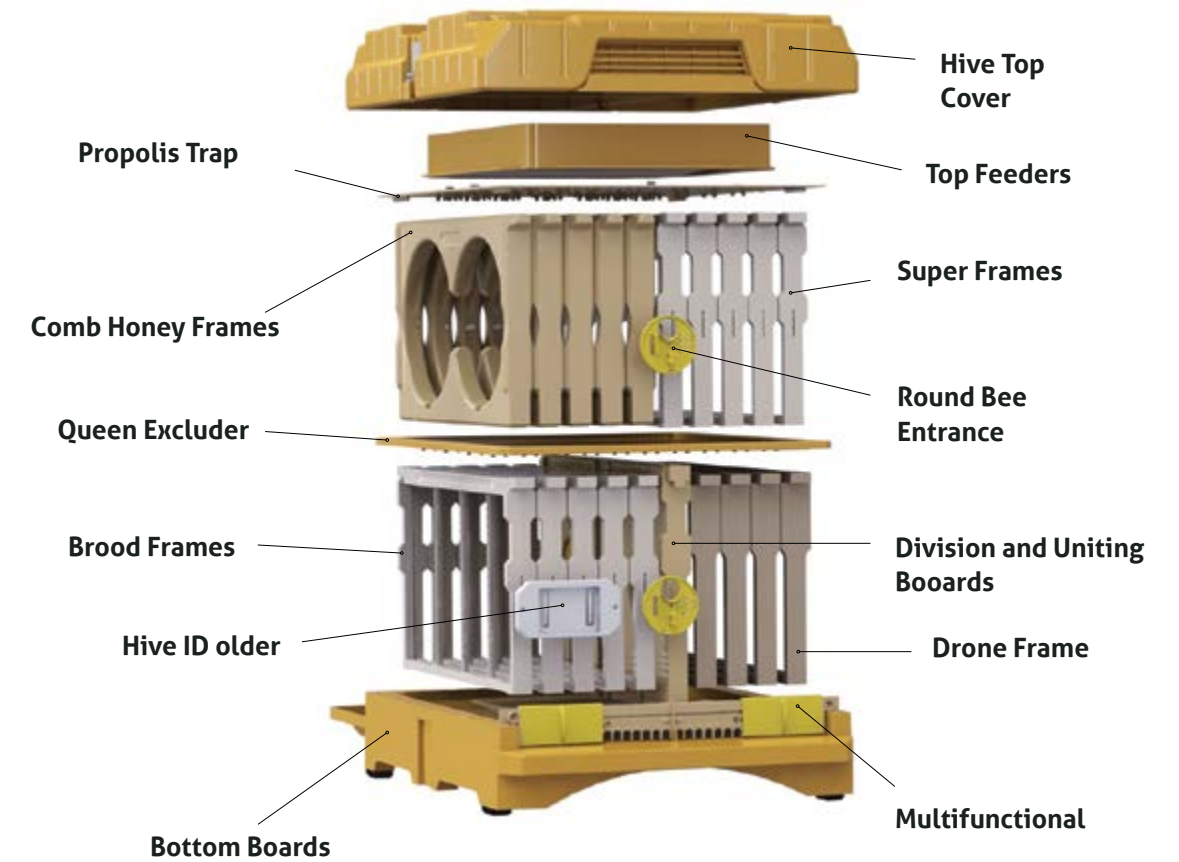




ERGONOMIC HIVE COMPONENTS



The Ergonomic Hive Parts are wide range of common standardized equipment for modernization of classic wooden beehives. All parts are compatible with ErgoSeries, Wooden Series and fits all 10 frame equipment.



Hive Top Covers

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

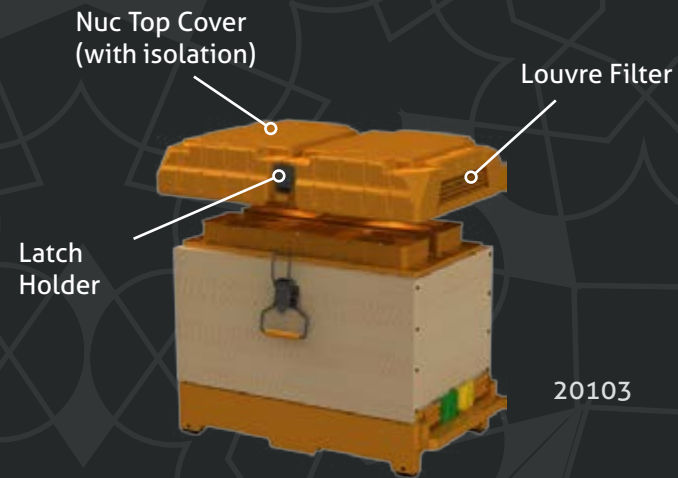
summer. During heavy rains sound does not propagate so the colony remains undisturbed. Draught free ventilation system improves airflow and eliminates moisture in the hive. Fits all 10 frame equipment.

ERGOTOPCOVER



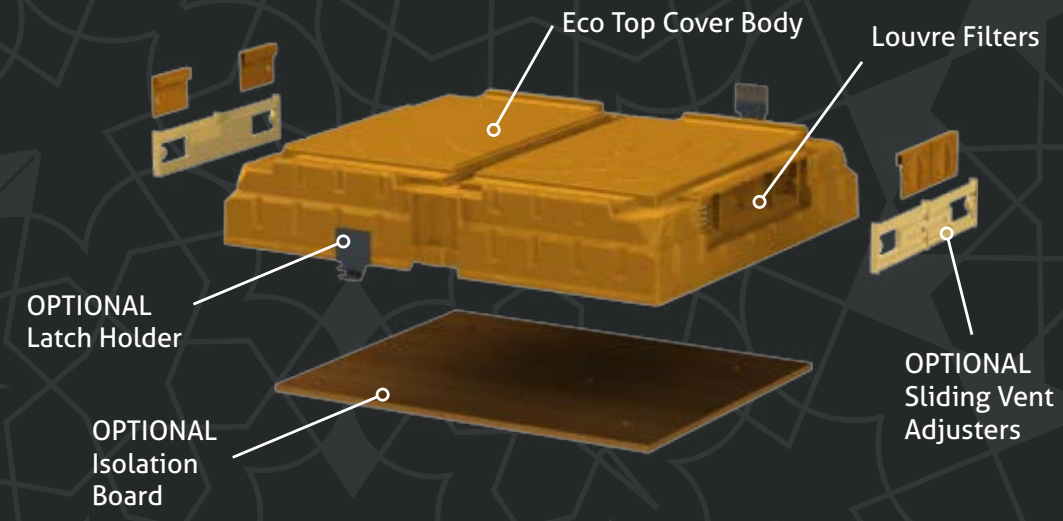
Compatible with all 10 frame hive types.

NUCTOPCOVER



Compatible with 6-7 frame hive types.

ECOTOPCOVER



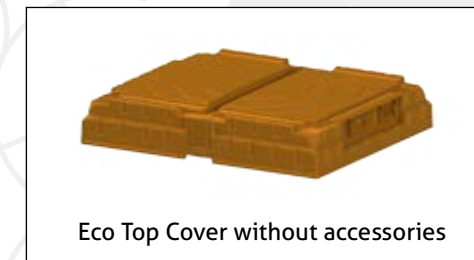
Compatible with all 10 frame hive types.

ECO TOP COVER ACCESSORIES

- 20105**
• ECO TOP COVER BODY
- 20105-04**
• ISOLATION BOARD
- 20731**
• SLIDING VENT ADJUSTERS
- 20635**
• LATCH HOLDER

VARIATIONS	VENTILATION	ISOLATION	ADJUSTABLE LOUVRE FILTER	LATCH HOLDER	STRAP GUIDE
ERGO TOP COVER	S	S	—	S	S
ECO TOP COVER	S	O	O	O	S
NUC TOP COVER	S	S	—	S	S

S= Standard O= Optional



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

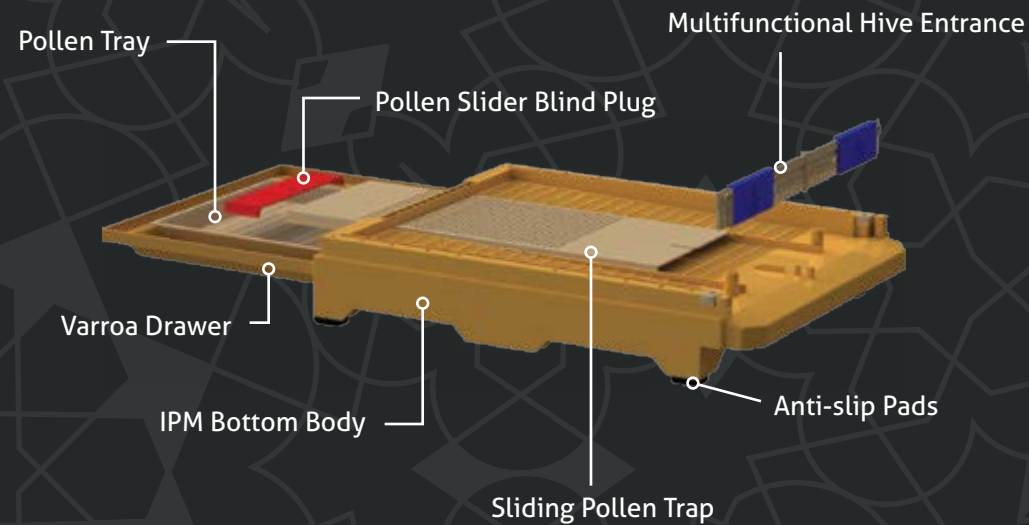
Integrated Pollen Trap

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 technopolymer 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. 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 hive bodies. No assembly. Just position under the hive body and tighten the screws. No maintenance. They can be cleaned easily and conveniently.



ERGONOMIC BOTTOM BOARD TYPES, SIZES AND OPTIONS

TYPE	OUTER DIMENSIONS of compatible hive bodies	POLLEN TRAP		POLLEN TRAY collecting tray	EXTRA FLIGHT BOARD		VARROA DRAWER inspection tray
		back slide	front slide*		short	long	
A	435 x 515 mm	●	-	●	○	○	●
B	425 x 515 mm	●	-	●	○	○	●
C	425 x 505 mm	●	-	●	-	-	●
D	440 x 510 mm	-	●	●	●	○	●
E	440 x 515 mm	●	-	●	●	○	●
F	425 x 500 mm	●	-	●	●	-	●
G	410 x 510 mm	●	-	●	●	●	●
R	307 x 512 mm	-	-	●	-	●	●

* Front Slide pollen trap is only suitable to use with slider type multifunctional hive entrance.

● Standard ○ Optional

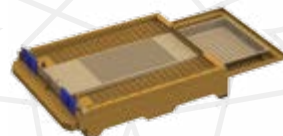
Type A (20000)



Type A-1 (20003)



Type B (20021)



Type B1 (20023)



Type C (20034)



Type D (20047)



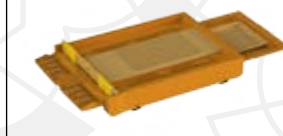
Type E (20059)



Type F (20077)



Type G (20079)



Type R (20080)



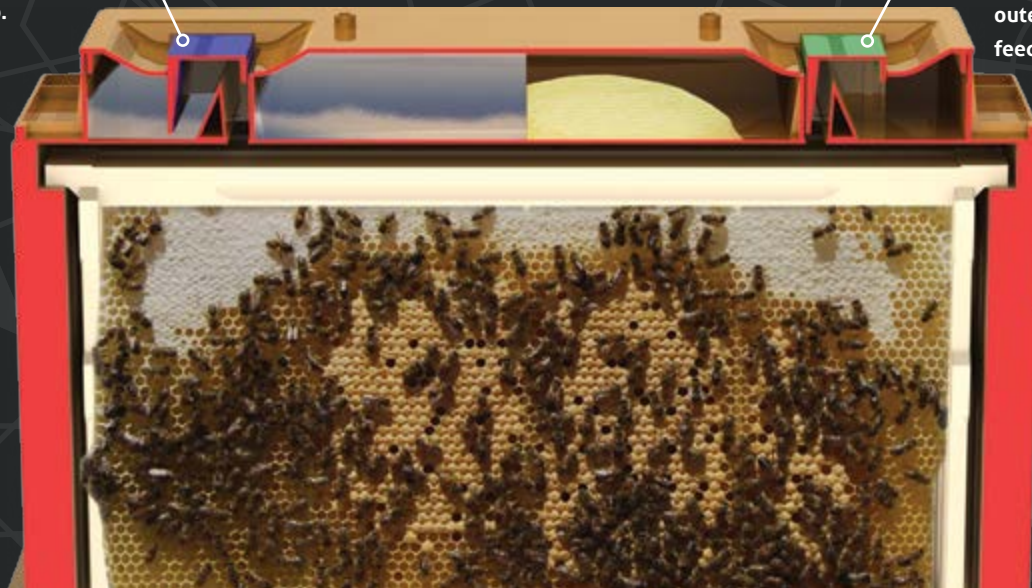
Inner Cover Type Top Feeder

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.



Liquid Feeding
The cover reading "Syrup" should be the outermost cover when feeding syrup.

Solid Feeding
The cover reading "Cake" should be the outermost cover when feeding cake.



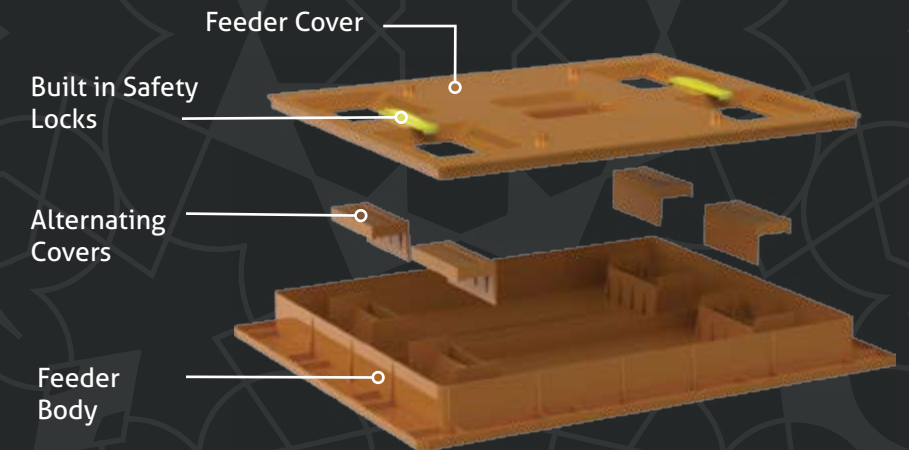
CODE	TYPES	DIMENSIONS	CAPACITY (VOL.)	DEFENDER SERIES			ERGO SERIES	WOODEE SERIES	NUC SERIES
				B	O	A			
20201	Inner Cover Type Top Feeder (Full Size)	405x505x48 mm	4 lt.	●	○	○	●	●	-
20202	Inner Cover Type Top Feeder (Half Size)	203x500x48 mm	1.5 lt.	○	●	○	○	○	-
20212	Inner Cover Type Top Feeder (Nuc Size)	133x500x47 mm	1.0 lt.	-	-	-	-	-	●
20203	Inner Cover Type Top Feeder (Queen Hive)	230x248x48 mm	0.7 lt.	○	○	●	-	-	-
20205	Feeder With Propolis Trap	505x455x60 mm	3 lt.	○	○	○	○	○	-
20207	Feeder With Wooden Base	500x450x60 mm	3 lt.	○	○	○	○	○	-
20206	Box Feeder	270x190x44 mm	1 lt.	○	○	○	○	○	-
20204	Turbo Feeder	525x455x106 mm	10 lt.	-	-	-	○	○	-

● Standard ○ Optional P Production Hive S Swarm Hive Q Queen Hive



Advantages of Top Feeders

- The hive-top feeder has several distinct advantages over other types of feeders:
- You don't have to fill the feeder more than once every week or two.
- You can fill the feeder without risk of being stung (the bees are on the opposite side of the screen).
- Because you don't have to completely open the hive to refill it, you don't disturb the colony (every time you smoke and open a hive you set the bees' progress back a few days).
- Because the syrup is not exposed to the sun, you can add medication without concern that light will diminish its effectiveness.



Inner Cover Type Top Feeder (Full Size) (20201)



Inner Cover Type Top Feeder (Half Size) (20202)



Inner Cover Type Top Feeder (Nuc Size) (20212)



Inner Cover Type Top Feeder (Queen Size) (20203)



Feeder With Propolis Trap (20205)



Feeder With Wooden Base (20207)



Box Feeder (20206)



Turbo Feeder (20204)



ApiMaye Frame Types



Handy Frame

The Hoffman-type self-spacing handy frames comprise two halves that can be pulled apart and snapped back together, this facilitates the management of new foundation, even wild comb can be secured between the two halves – no more bits of wool!



Queen Frame

Half the size of a normal frame, it is used for rearing queens. Queen frames can also be converted into a normal frame, if so desired, by linking them together via a special frame adapter.



Comb Honey Frame

Inspired by traditional comb honey producers. Langstroth size foundationless frame used to collect honey with natural build foundations in two round sections. The Comb Honey frames are convenient and time saver, needs no preparation.



Plastic Foundation Frame

Plastic Foundation frames are a single molded unit, including top bar, side bars, bottom bar and a plastic foundation. No assembly required. Is not porous, easier to clean and scrape, the inevitable deposits of propolis pop off easily.



Plastic Foundation Sheet

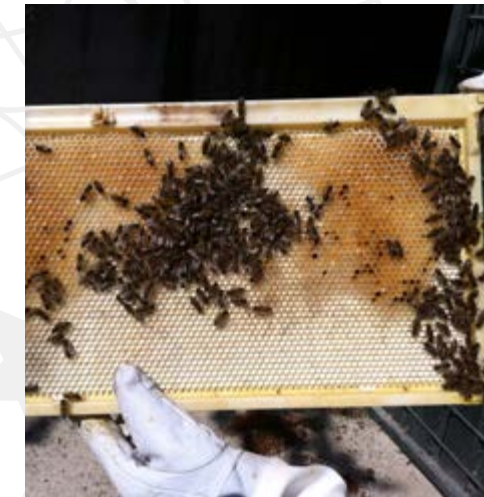
The plastic foundation provides a deeper cell and higher definition that encourages bees to pull the comb fast and immediately start storing honey. Requires no wiring or pinning which saves time and money. Fully reusable.



Drone Comb Frame

The cells of the frame are Drone size to manage Varroa Mites in the hive without chemicals during the honey flows. When raising queens increase the drone populations to insure the genetic diversity required for well mated queens.

Please see table on page 38



ApiMaye 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 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	∅200 mm x 2	∅200 mm x 2

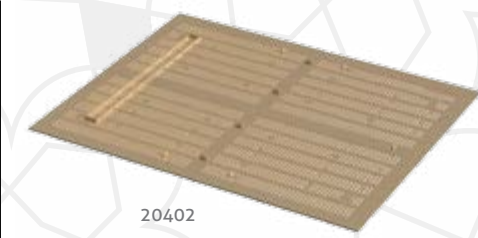
LANGSTROTH LN25	ITEM NO	A Top Bar	B Bottom Bar	C Overall Height	D Inner Length	E Inner Width
Deep Handy Frame	20301	478 mm	440 mm	250 mm	220 mm	420 mm
Medium Handy Frame Frame	20304	478 mm	440 mm	160 mm	130 mm	420 mm
Shallow Handy Frame	-	-	-	-	-	-
Comb Honey Frame	20307	479 mm	442 mm	248 mm	∅200 mm 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	470 mm	440 mm	300 mm	270 mm	415 mm
Medium Handy Frame 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

Ergonomic Hive Components



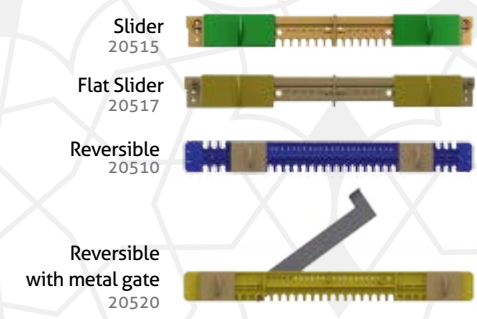
Queen Excluder
The special "spacers" included in the design provide the bees with enough space to move by keeping the excluder from covering the frames.



Propolis Trap
Special design including spacers which keep it from covering the frames allows the bees to move comfortably.



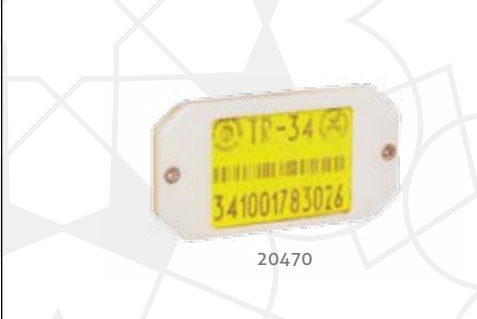
Bee Escape
Bee escape, 10 exits, assembled on framed board with release gate.



Multi Functional Hive Entrance



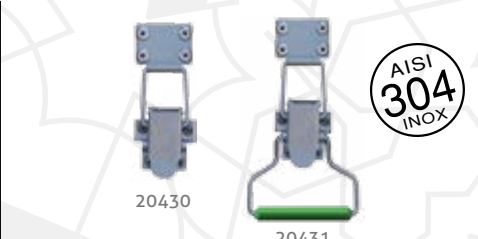
Round Bee Entrance



ID Plate Holder



Honey Settler
PE Honey Settler with gate
50 and 70 kg PE Honey Settler with 1 1/2" Honey Gate: Great for storing honey or to fill honey containers



Inox Toggle Latch



Division and Uniting Board
Used for shrinking the hive interior during wintering, the division board has round ducts in its design which can be used in merging as well as uniting colonies.

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.

All our equipment is manufactured in plastic according to European food safety regulations and is recyclable.

If you have any comments or suggestion please email us at support@apimaye.com

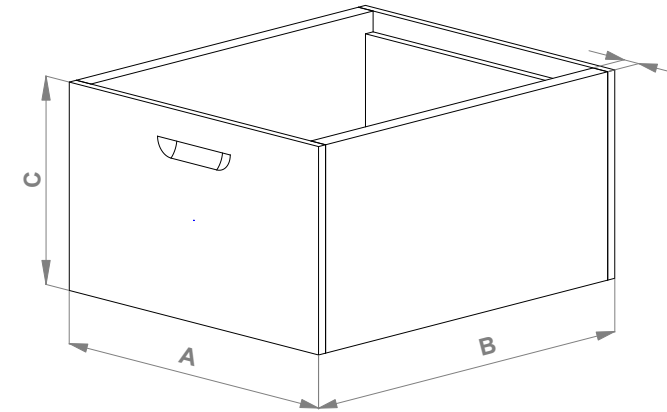
Online: www.apimaye.com

Telephone: +90 212 876 76 55

Our customer service team are available to help you between 9.00am - 5.30pm Monday to Friday.

Please fill out the form and email to sales@apimaye.com OR fax to +90 212 876 76 54

Beehive Standards Information Form



Hive Body (S)

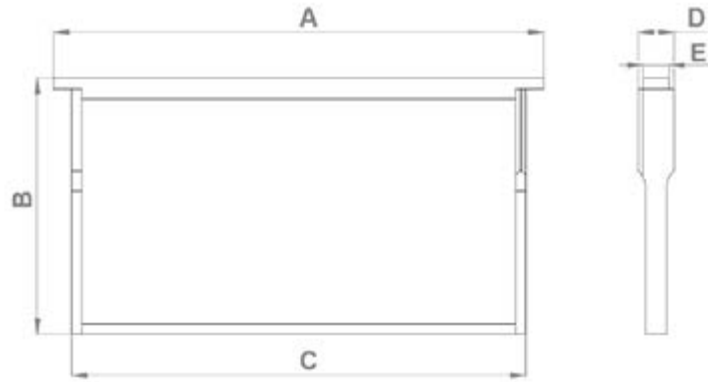
CM	A BODY WIDTH	B BODY LENGTH	C BODY HEIGHT	D WALL THICKNESS (SIDES)
Brood Box				
Honey Box**				
Shallow Honey Box**				

**Please fill this part if you have different honey box types

COUNTRY	REGION	BEEHIVE STANDARD***

***Please indicate the beehive standard in your Country (eg. Langstroth, Dadant, etc...)

Beehive Standards Information Form



Frame (S)

CM	A TOP BAR LENGTH	B OVERALL HEIGHT	C BOTTOM BAR LENGTH	D SIDE BAR WIDTH	E TOP BAR WIDTH
Brood Box Frame					
Honey Box Frame*					
Shallow Frame*					

*Please fill this part if you have different frame types

Please fill out the form and email to sales@apimaye.com OR fax to +90 212 876 76 54



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