



MODERN BEE HIVES

MyBeeh

Functional | Sustainable | EPP Beehives





About us

Beekeeping practices have virtually not changed for hundreds of years. To improve on traditional beekeeping challenges and tackle upcoming global warming threats, MyBeeh develops a line of beekeeping products to help the modern beekeepers at all scales.

Through the use of sustainable Expanded Polypropylene (EPP) material, MyBeeh products offer you a perfect balance of insulation, longevity and increased productivity in a scalable and user friendly package.



Functional Design

MyBeeh provides multi & advanced functions from ventilation to multi usage systems. See our Product.



FRONT VIEW

Top Lid

Seals off hive, frames can be accessed here

Vent Grill

Ventilates hive, can be blocked off

Frame Set

Multi-Function door

Configurable to suit varying conditions

Weather board

Protects entrance can be used as a hive divider for 2-queen

Pollen collector

Pollen collector fixed to entrance collects pollen as bees enter hive

Rope Guard

Inlaid rope guard protects the lid from abrasion

Molded Handles

Handles molded in each side panel for handling

Vertical Clips

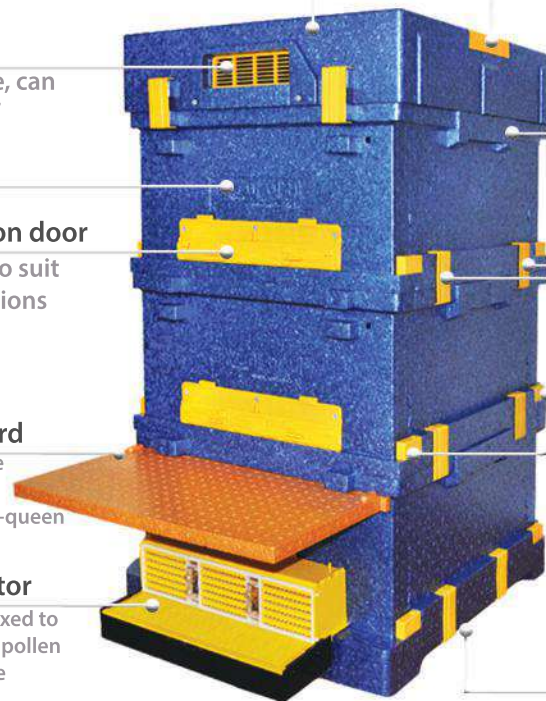
U-clips connect top and bottom layers

Side Clips

Side clips connect both side panels

Bottom panel has integrated drainage system that keeps hive moisture-free

Bottom Panel

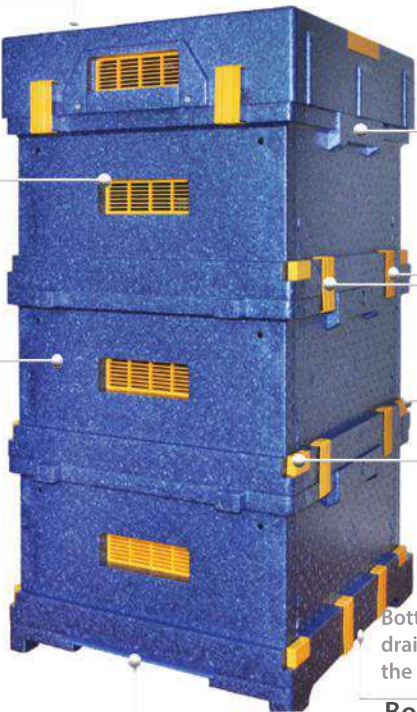


Top Lid
Seals off hive,
frames can be
accessed here

Vent Grill
Ventilates hive, can
be blocked off

Frame Set

Cover can be slid
to block off drainage
Base-vent cover



Molded Handles
Handles molded in each
side panel for handling

Vertical Clips
U-clips connect top
and bottom layers

Side Clips
Side clips connect
both side panels

Bottom panel has integrated
drainage system that keeps
the hive moisture-free

Bottom Panel

REAR VIEW



Better Ventilation
MyBee provides better ventilation
from bottom to back for Spring/
Summer and simply close in Winter!
EPP will keep your bee hive warmer



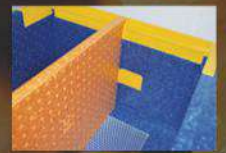
Drainage system
The sloped angles on bottom vent
opening will keep your hive clean and
free from moisture, eliminating mold!



Multifunction door
The configurable door can be set for
different sized and shaped openings
for the different weather conditions,
bee seasons and more



Clip systems
Our simple clip system including fasten-
ers for bodies, frames, and sides ensure
an easy and secure fit. You can handle
and carry our hives with no stress



Multifunction board
The weather board is easily attached to
the bee entrance for protection. It also
functions as a grafting frame to divide
a hive for 2 colonies

COMPARISON

Mybeeh EPP Hives offer a wide range of benefits in comparison to other timber and plastic (EPS) hives

EPP

- ✓ Integrates into current wooden systems seamlessly
- ✓ Recyclable
- ✓ Sturdy and tough
- ✓ BPA free
- ✓ Low maintenance
- ✓ Fast/easy to assemble modules
- ✓ Doesn't rot
- ✓ Much higher resistance to disease
- ✓ Long life cycle
- ✓ Termite proof
- ✓ Little disruption to colonies
- ✗ Low initial cost
Initial cost is higher however is outweighed by lack of ongoing costs

Timber

- ✓ Integrates into current wooden systems seamlessly
- ✓ Recyclable
- ✓ Sturdy and tough
- ✓ BPA free
- ✗ Low maintenance
High maintenance, painting and wax dipping required
- ✗ Fast/easy to assemble modules
Often has to be assembled with tools
- ✗ Doesn't rot
Highly susceptible to rot
- ✗ Much higher resistance to disease
Highly susceptible to rot and water/ wood-borne diseases
- ✗ Long life cycle
Degrades sooner
- ✗ Termite proof
Susceptible to termites
- ✗ Little disruption to colonies
Higher disruption to bee colonies at maintenance period
- ✗ Higher initial cost

Plastic

- ✓ Integrates into current wooden systems seamlessly
- ✓ Low maintenance
- ✓ Doesn't rot
- ✓ Much higher resistance to disease
- ✓ Long life cycle
- ✓ Termite proof
- ✓ Little disruption to colonies
- ✗ Sturdy and tough
- ✗ Fast/easy to assemble modules
Some competitors still require tools
- ✗ Recyclable
Not eco-friendly
- ✗ Low initial cost
Competitors are more expensive



Temperature Control

MyBeeH EPP material is far more insulative in nature, keeping bees cooler in the Summer and warmer in the Winter, compared to timber hives. As can be seen, our MyBeeH hive only reaches 33 degrees



Substantial strength

Timber hives aren't necessarily stronger than EPP hives. Our MyBeeH hive can support 80-100 kilograms of weight, comparable to hives of other material. Our hive's strength over time however, is superior to timber.



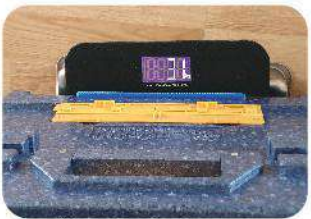
See the research showing 40% more yield

Studies show through the spectrum of light bees can observe, they are more attracted to the colour blue over other colours (University of London). The colour of our hives are chosen for this reason



Environmentally friendly

Our hive's design takes into consideration the cleanliness of both the hive and the greater earth. The base drainage system keeps the hive moisture free. MyBeeH hives can also be recycled (EPP)



Light weight

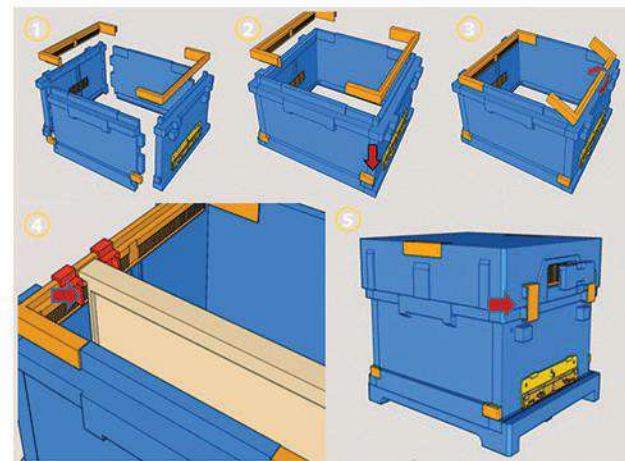
MyBeeH hives are much lighter than timber hives, weighing in at 3.1 kilograms per unit, and an extra 1.5 kilograms per layer. A three layer hive weighs only 6.1 kilograms!

What is EPP?

EPP is new material in plastic material, providing a significant sustainability with food grade. See our research result comparing timber hive and MyHive EPP.

Factors		Wood Hive	Mybeeh Hive
Weight		8~ kg	3.4 kg
Internal temp.	Winter (-5~+5°C)	14~22°C (with wintering)	14~22°C (without wintering)
	Summer (40°C)	38°C	33.4°C
Temp. variation		14-38°C (24°C)	14-33°C (19°C)
Humidity control		Difficult	Easy
Honey yield		32kg	42kg
Vitality after wintering		100%	120%
Mold growth		Yes	None

Easy Installation!



EPP

=

Bee-Friendly

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Single hive

Includes:

- Top Lid + Ventilation Grills & Cover
- Frame set + Ventilations Grills & Cover
- Bottom Base + Water Drop Grill
- Beeh Hive Multi Function door
- Beeh Hive Clips

Specifications:

- 10 Frame Capacity - Full Depth
- Size: 567mm x 512mm x 430mm
- Weight: 3.1 Kg
- Material: EPP
- Made in Korea
- Compatibility with Standard Australian Full Depth Frames



Double hive

Includes:

- Same inclusions as Single Hive
- 2x frame set
- 2x multifunction door

Specifications:

- 20 Frame Capacity - Full Depth
- Size: 567mm x 512mm x 690mm
- Weight: 4.6 Kg
- Material: EPP
- Made in Korea
- Compatibility with Standard Australian Full Depth Frames



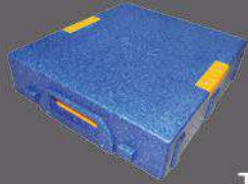
Triple hive

Includes:

- Same inclusions as Single Hive
- 3x frame set
- 3x multifunction door

Specifications:

- 30 Frame Capacity - Full Depth
- Size: 567mm x 512mm x 950mm
- Weight: 6.1 Kg
- Material: EPP
- Made in Korea
- Compatibility with Standard Australian Full Depth Frames



TOP LID

- Convenient supplying artificial pollen diet, thanks to the sufficient height (85mm)
- Ducts(front and rear) and covers for ventilation and temperature /humidity control.
- Inlaid rope-guards for durability



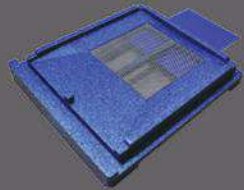
BODY

- The multiuse body can be used as a brood chamber or as a super just by configuring its multifunctional entrance gate.
- Easy to control the air ventilation using a duct(160 x 50mm) and a cap.
- Easy to install feeder hoses through the 4 holes on the front and rear walls.
- Just insert a weatherboard, usually 20mm EPP panel, (into the holders).



MULTI FUNCTION GATE

- Easy to control the size of the entrance gate : for brood chamber, for fast honey collection and for ventilation.
- Just insert 2-queen system separator panel (into the holder).
- Just hang the pollen collector (on the hangers integrated).
- Compatible with ordinary wooden beehives.



BASE

- Easy to clean inside, courtesy of the detachable structure.
- Easy to control the air ventilation in summer and dew reduction in winter , thanks to a large bottom duct (260x 260mm and a cover).
- Dew is removed via the slants on the bottom board (in winter).



POLLEN COLLECTOR

- Innovative design collects pollen as bees enter the hive
- Collects pollen for convenient use
- Can be attached to the hive gate through the built in attachment points



MYBEEH HIVE CLIPS

- 3 kinds of clips
- Side clips used to attach body panels together
- U-clips used to attach hives and top lid
- Frame clips for inserting frames

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