



Technoset**bee**hive





The first over-engineered beehive for:

- Superior strength,
- Life-long durability,
- Thermal stability,
- Increased production,
- Top rated hygiene
- Ultimate safety from pests & predators
- Full compatibility with wooden Langstroth beehives
- Lowest environmental impact
- Made in Europe
- 10 Year Warranty



**Technosetbee**  
Redefining the "Multi-Purpose-Hive"

We have designed our hive to host in the most efficient way 2X5-frame or 3X3-frame nucleus.  
Combine, split, mate, feed and raise your bees like never before.

Built to meet the highest quality standards. Ours!

**Best material money can buy**

- Made of virgin food-grade Polypropylene
- Built-in UV sunscreen for stable colors
- BPA free
- Carbon footprint - PP produce significantly less CO<sub>2</sub> equivalents by weight than PET, PS and PVC
- 100% recyclable
- 10 Year Warranty

**The innovative design**

- Twin-Wall structure with 20mm EPS sheet, designed to withstand temperatures from -40°C to 100°C.
- Interlocking Pin System holds securely each component in place from sliding
- Patented Reinforced Hive Cover
- Single-piece molded Anti-Varroa Base Board
- Secure Entrances with locking mechanism
- Unique modular design allows to convert the brood box into 2X5-frame or 3X3-frame nuc hives



## Why a Synthetic Beehive?

Polypropylene is the perfect material that meets our standards for top quality.

Polypropylene has been in existence for many years. As a beekeeping tool in Europe it has a service history of 30 years.

It is chemically inert, will not corrode and is not affected by high or low pH or seaside (saltwater) environments.

Polypropylene's physical and chemical properties have been extensively documented and will last for a period in excess of 25 years.

- Very durable with high impact resistance.
- Highly resistant to acids and alkaline.
- Non absorbent (hydrophobic) to vapour and water
- Zero maintenance: No paint, nails, glue or any kind of repairs ever needed.
- No invasive pests can live or hide on the surface of Polypropylene
- Any parts in contact with disease can be simply washed with a Hot Water Blaster and sterilised with a Chlorine solution
- Excellent thermal insulating characteristics
- Documented durability for two decades in all weather extremes
- Highly resistant to fungus/mildew
- Food safe
- Superior overwintering properties

## Why over-engineer the Technosetbee™ hive?

- Simply, because we do care for the bees and all beekeepers around the world who need a flawless and maintenance-free working tool.
- We have "over-engineered" every detail on all of our products to be extremely precise in dimensions and compatibility.
- Our philosophy is based on strict criteria for accessing only the top-quality raw materials.
- No other synthetic or wooden hive can outperform Technosetbee's robustness, performance, vast range of modularity and versatility.
- For us, there was only one possible approach to construct a truly heavy-duty, Multi-Functional hive. Only by over-engineering it!
- The roof has built-in air vents to allow the bees to control air-flow in the hive. The vented floor also allows good air flow as required. This prevents the build-up of condensation and damp conditions in the hive. Nosema and Varroa are much less likely to cause any problem in the dry and hygienic environment.

## | Pollen Trap Systems

Collects and stores safely up to 70% of the incoming pollen



### Technoset<sup>bee</sup> Internal Pollen Trap

Consisted by four interlocking parts.

The base, the active plate, the upper protective cover to prevent contamination from the frames above and two trays responsible for holding the collected pollen dry.

Active plate and protective cover can be removed at any time by sliding them outwards freeing the entrance until the next scheduled collection.

Incorporates a drone side entrance with a secure sliding door.

Two trays will hold up to 400 grams of pollen.

Weight: 2.2 Kg

Product Code: 950-0020



**Mouse proof!**



### Technoset<sup>bee</sup> External Pollen Trap

Designed to fit onto most beehives.

Removable pollen collection tray holds up to 400 grams of pollen.

Active plate can be by-passed through a movable front door controlled by a side-lever until the next scheduled collection. Incorporates a drone side entrance with a secure sliding door.

Weight: 1.2 Kg

Product Code: 950-0058





## Top Feeders

Technosetbee's top feeders are praised by beekeepers all around the world for their superior design and robustness. Fit neatly inside the roof



**Technosetbee Dual Top Feeder - 2 litre**  
 Air vents along each side  
 Elevated cap to avoid leakage  
 Dry (pollen patties, fondant) and liquid (syrup)



**Technosetbee Top Feeder - 4 litre**  
 Air vents along each side. Elevated cap to avoid leakage. Centre cap can be removed to allow bee access to the top chamber when feeding sugar crystals is required.

## Bee Escape Boards



**Technosetbee Bee Escape Board (Twin Valve)**  
 This Bee Escape board is an excellent way to clear out the honey super before the harvest. Place the board between the brood chamber and honey super. Allow up to 24 hours for bees to clear out and then remove.

**Features:**  
 Two valves for increased performance and safety.



**Technosetbee Bee Escape Cover (Lid) Type**  
 The Bee Escape cover makes stray bee removal during the honey harvest very easy and fast. Designed to be used on top of stacked honey supers, after they are removed from the hive.  
 The featured semi-transparent valve on top allows the ambient light to pass through and attract the trapped bees. Takes no more than 15 minutes for any stray bees to exit before transporting the honey supers.

## Floors



**Technosetbee Anti-Varroa Floor**  
 Very sturdy construction with a vented base. This allows better ventilation in the hive and for the bees to control humidity more efficiently. Allows excellent ventilation when shifting beehives. The plastic dowels locate the Technoset Supers. The dowels can be removed and the floor has 4 spigots built into the floor to locate standard wooden equipment.



**Reversible Entry Guards.**  
 These can be slid out and rotated 180 degrees without moving the Super.

*Product code: 950-0002 (Pair)*

**Standard Solid Base Floor** also available.

*Product Code: 950-0001*

## Queen Excluders

Precisely molded and user-friendly for the worker bees.

Technosetbee's famous queen excluders are precisely molded to be very friendly for the worker bees. Every opening is identical in size and rounded without any sharp edges.



### Technosetbee Single Queen Excluder

Innovative entrance with landing board and detachable gate/reducer allowing the worker bees to have direct access to the honey supers.



### Technosetbee Double Queen Excluder

For running two-queen hives. Eliminates any risk of the queens contacting. Safely combine the foraging powers of two colonies.



### Technosetbee Zinc plated hive connector

We offer the most efficient hive connectors, simple to use and ensure no unwanted surprises when moving hives regardless of the distances involved. They are an optional item and hives can be ordered with or without them.

Weight: 0.1 kg  
Product Code: 950-0012

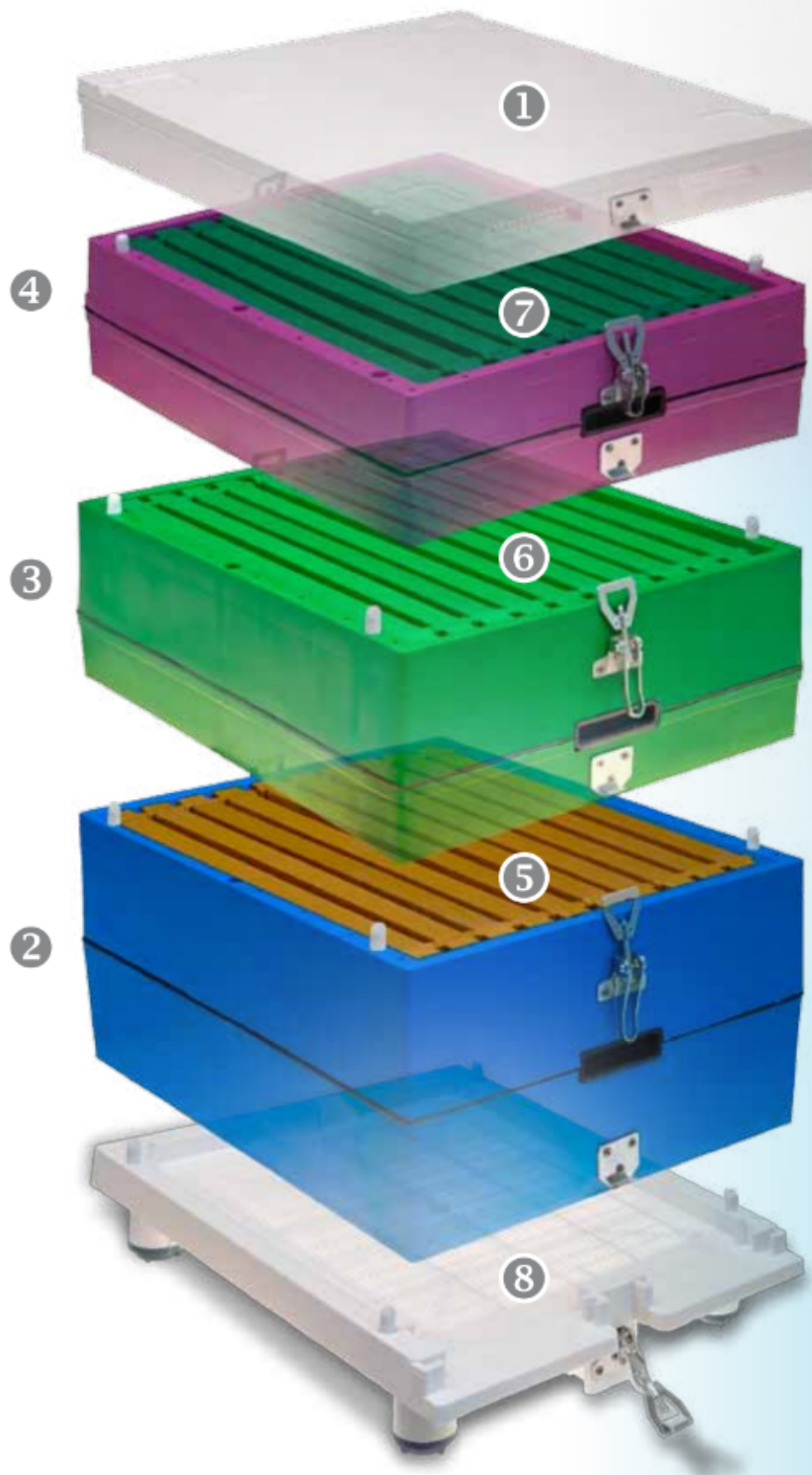
## 2X5-frame nucleus



### Technosetbee 2X5 KIT Contains

- 2 Top inner feeders (solid/liquid)
- 1 Divider
- 2 Front Reduced entrances with sliding door

## Beehive Specs





	Component	Weight (grams)	Outer Length (mm)	Inner Length (mm)	Outer Width (mm)	Inner Width (mm)	Depth (mm)	Frame Length Top Bar (mm)	Frame height (mm)
①	<b>Outer Cover</b> Product Code: 950-0007	2850	517	466	420	375	80 (Height)		
②	<b>Full Depth Brood Box</b> Product Code: 950-0009	4190	512	465	412	370	242		
③	<b>3/4 Depth Super</b> Product Code: 950-0035	3460	512	465	412	370	193		
④	<b>Shallow Super</b> Product Code: 950-0009	2760	512	465	412	370	144		
⑤	<b>Full Depth Frame</b> Product Code: 950-0008	330			36 (End Bar)			481	230
⑥	<b>3/4 Depth Frame</b> Product Code: 950-0036	255			35 (End Bar)			481	177
⑦	<b>Shallow Frame</b> Product Code: 950-0038	250			35 (End Bar)			481	129
⑧	<b>Anti-Varroa Floor with mesh base.</b> Product Code: 950-0006	1870	543		418		90 (Height)		
Plate to block air vents in floor with mesh base. Product code: 950-0018									