

**Product Name :**  
Tunnel Belt Microwave Tenebrio Mealworm Dryer

**Product Code :**  
EQMH-CHINA-MY3007011



**Description :**

Tunnel Belt Microwave Tenebrio Mealworm Dryer

**Technical Specification :**

Tunnel Belt Microwave Tenebrio Mealworm Dryer Introduction:

The Tunnel Belt Microwave Tenebrio Mealworm Dryer is a specialized industrial system designed for high-efficiency, uniform drying of insect protein (Tenebrio molitor larvae/pupae).

Combining microwave energy with conveyor belt technology, it achieves rapid moisture removal (?8%) while preserving nutritional quality, making it ideal for animal feed, pet food, and human-grade edible insect production.

No pre-heating process. Once microwave be started, larvae will absorb microwave instantly. You can switch on and switch off the microwave generators easily;

Larvae be killed within 3-5 seconds after entering the microwave effect zone. No larvaecan move on the belt;

Drying period is very short, just a few minutes;

Pin camera monitoring, easy to check the inner working situation;

Continuous input and output;

Drying temperature adjustable to get the best dried larvae;

Perfect outcome of keeping original insect colour, nutrients and shape, etc;

Good mouth feel , high nutritional and easy digested of the inner puffed larvae for animals;

Easy operation. One touch operation on PLC;

Flexible configurations based on drying capacity requirement;

Heat, smell and moisture be exhausted from workshop, and be expelled to outside;

Quite running;

Full stainless, light and with wheels at the bottom. Easy to be moved if necessary;

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Low height of conveying belt, easy to put larvae into the dryer;  
No need to clean the belt. Keep clean and dry working condition inside;

Power(KW)	Dehydration Capacity(kg/h)	Sterilization Capacity(kg/h)
12	12	120-150
20	20	192-240
30	30	300-375
40	40	396-495
50	50	504-630
60	60	600-750
70	70	696-870
80	80	804-1000
100	100	1000-1250
150	150	1500-1875



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