

## Advanced technology and know-how for apiculture sector development




Creating added value with beekeeping



## Innovative technology and knowledge for organic honey production

uncapping	extracting	apiary equipment	ripening	liquifying
				

This Manual Honey Processing Equipment covers the complete value-chain of honey production. The machines proposed here are particularly suited for intensive commercial operation by 2-3 operators. Entirely manufactured by a European leading company in the apiary sector, the complete equipment is based on 75 years of experience and advanced technology guaranteeing food safety, durability, easy operation and maintenance.

<p><b>Uncapping tray</b></p> <ul style="list-style-type: none"> <li>Stainless steel uncapping tray size 65x48x30 cm</li> <li>Plastic honeygate diam. 40 mm</li> <li>With lid, inner dripper, wooden bar with knife rest and 4 legs</li> </ul>  <p><b>Uncapping tools</b></p> <ul style="list-style-type: none"> <li>Three 28 cm uncapping knives of stainless steel, sharpened on both edges</li> <li>Three uncapping forks</li> </ul>  	<p><b>Manual Tangential Extractor</b></p> <ul style="list-style-type: none"> <li>Stainless steel cage holding 6 beehive frames</li> <li>Diameter 630 mm</li> <li>40 mm diam. plastic honey gate</li> <li>hinged clear lids</li> <li>3 removable legs</li> </ul>  <p><b>Two 25 Kg Buckets</b></p> <ul style="list-style-type: none"> <li>Stainless steel bucket to collect the honey under the honey extractor</li> <li>capacity 25 kg</li> </ul> 
<p><b>Honey ripener incl. honey strainer</b></p> <ul style="list-style-type: none"> <li>400 kg capacity tank incl. metal support</li> <li>stainless steel body diam. 625 mm, H 980 mm</li> <li>with food-grade plastic gate diam. 40 mm and lid</li> <li>Incl. honey strainer of stainless steel, 625 mm diameter</li> </ul> 	<p><b>Accessory tools</b></p> <ul style="list-style-type: none"> <li>Three pieces of long steel hive tool</li> <li>Three pieces of "American" steel hive tool</li> <li>Three pieces of Beebrush with natural bristle</li> </ul>   
<p><b>Three coverall suits incl. mask and gloves</b></p> <ul style="list-style-type: none"> <li>made of white pre-shrunk cotton</li> <li>with removable full-vision square mask incl black aluminum net and hat</li> <li>professional leather gloves</li> </ul> 	<p><b>Two smokers incl. four 20 kg fuel bags</b></p> <ul style="list-style-type: none"> <li>Stainless steel smoker diam. 100 mm, 30 cm high</li> <li>Easy-open lid, strong bellow, complete with heat shield and heavy-duty hinge.</li> <li>Incl. four smoker fuel in 20 kg bag</li> </ul>  
<p><b>OPTIONAL: Honey liquifier cabinet</b></p> <ul style="list-style-type: none"> <li>Electrically heated cabinet 460x540x1160 mm</li> <li>Liquefies crystallized honey in 1 kg jars within 4 to 6 hours</li> <li>It can hold either two 25 Kg cans or 72 1 Kg jars</li> <li>Absorption 220V/1100W</li> </ul> 	<p>NOMADES Swiss Ltd Passage Marval 1, 2000 Neuchâtel, Switzerland</p> <p>Tel: +41 (0)32 725 91 10, <a href="mailto:contact@nomades-swiss.com">contact@nomades-swiss.com</a> <a href="http://www.nomades-swiss.com">www.nomades-swiss.com</a></p>

<p><b>This turnkey project includes..</b></p>
<ul style="list-style-type: none"> <li>✓ complete processing equipment incl. working tools, personal protection equipment, connection parts and manuals</li> <li>✓ turnkey solution containing planning the project, defining functionality and profitability, conducting risk analyses, organizing transportation, custom duties, delivery and installation of the system including operational start-up and know-how transfer</li> <li>✓ intensive training courses held by technicians of the manufacturing company, first-hand knowledge about food-safe working methods, operation and maintenance of the processing line as well as of the most important technical specifications</li> <li>✓ comprehensive after-sales services ensuring our customers all benefits of the installation during its entire life cycle. Best customer services including timely technical assistance, reliable product warranties and readily available wear- and spare parts</li> </ul>

## BACKGROUND INFORMATION



NOMADES Swiss has identified recurring problems affecting work in the apiary and in the honey-house with negative consequences like sub-optimal productivity, market-value loss due to honey crystallization and impurities or increased risk of illness for bee-colonies and health hazard for consumers.

Our fieldwork experience confirms the generally accepted view that apiculture is an extremely promising market, but currently poorly exploited. Our focus here is not primarily on the implementation of new bee colonies, but on the improvement of the existing local production chains which suffer from many shortcomings that can easily be amended (thus offering a maximal impact for the apicultural sector).

The main recurring problems that we have identified arise in the following fields:

- Colony management (selection, breeding, rearing as well as diseases, parasites, predators, etc.)
- Work in the apiary (quality of hives and frames, uncapping, handling of wax)
- Work in the honey-house (clarification, packaging)

Tools and know-how that we have observed in the field hinder both optimal harvesting and conditioning, thus generating a set of interrelated problems

- Important losses in terms of added-value (due to quality defects in the honey as marketed today)
- Far from optimal productivity (losses during the production process)
- Increased risks of illness for the bee colonies over the years (mostly due to lack of knowledge relative to wax handling)
- Health hazards for consumers due to problems in the conditioning process

In order to improve beeswax and honey production practices, NOMADES Swiss has developed tailor-made and extremely solid processing equipment for various production capacities. Our selection best fits local conditions of production in fragile contexts, such as power shortage or the expressed need for mobility. Every tool and machinery we recommend is manufactured by European companies and come with professional technical and reliable after-sales support.



Apiculture refers to the expertise and techniques for harvesting honey and other products from beehives. It is an activity perfectly suited for a philosophy of sustainable rural development at local and regional levels, which is a current top priority in developing countries today.

Some of the main assets of apiculture are

- provide rich and non-perishable nutritional additions to the rural diets, thus contributing to an improvement of basic public health
- generate products with an important added value, which can benefit different branches of the population
- consumers are extremely fond of honey and often the demand far exceeds the local production
- investments in the apicultural sector are safe and rapidly profitable, thus contributing to the reconstruction of the economy, needed for the welfare of the population and for political stability
- honey production is an activity that is complementary to other activities existing on the same agricultural lands. It allows diversification and optimization, with both direct consequences (sales of beekeeping products) and indirect ones improvement of other crops through better pollination)
- honey production can be undertaken by different people (landowner or not, men and women, etc.) and as a primary or a subsidiary activity

NOMADES Swiss has been active in the apicultural sector since the year 2000. We distribute different health products for honeybees as well as state of the art apiary equipment. We are official partner of many apiary expert companies for our target countries. In close cooperation with the Provincial Federation of Apiculture (Neuchâtel, Switzerland) and selected other institutions for pathogenic agents identification, we also have experience in investigating new health problems affecting bees, beeswax or hives and can propose appropriate solutions.

We kindly invite you to explore our website to learn more about  
NOMADES Swiss food processing solutions.

[www.nomades-swiss.com](http://www.nomades-swiss.com)

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