

# HÄNSELER



SWISS PHARMA  
SEMI SOLID SOLUTIONS



Pharmaceutical raw materials and contract manufacturing from Hänseler Swiss Pharma

# AT A GLANCE

GMP IS IN OUR DNA –  
WE TAKE YOUR PRODUCTS FROM IDEA  
TO MARKET SUCCESS.



We support our partners with enthusiasm and Swiss quality throughout the entire value chain, offering you tailor-made solutions for your market success. Starting with product development and continuing through sourcing, manufacturing and packaging through to successful market development, we offer fluid processes for solid confidence in the pharmaceutical, cosmetic and food environment.

## Finished products & 3,000 raw materials

- Medicinal products, medical devices, dietary supplements and cosmetics
- APIs, excipients, narcotics and ATEX goods
- Flexible batch sizes
- Private label
- Market access to Switzerland

Raw materials  
list 

## GMP-compliant repackaging

We offer repackaging services for large quantities into smaller packages.

Packaging  
list 

## CMO transfer projects

We specialise in handling ATEX-, GMP- and FDA-compliant CMO transfers.

CMO  
Solid 

## Documentation

- Active Substance Master File (ASMF) CTD Module 3.2 S
- Common technical and phyto documents
- Serialisation: on request

CMO  
Liquid 

# SEMI SOLID SOLUTIONS

BY HÄNSELER SWISS PHARMA



## Batch

60 to 720 litres

## Packaging

30 to 500 ml	Jar	Plastic
3 to 250 ml	Tubes	Plastic or aluminium

- Ointments
- Creams
- Emulsions
- Pastes
- Gels

## OTHER GALENIC FORMS

**Solid Solutions** Plant-based, chemical or metallic mixtures and granules.



## Batch

110 to 2,000 litres

## Packaging

5 g to 25 kg	Container	Plastic
Sachets and sticks: on request		

**Liquid Solutions** Extracts, tinctures, syrups, chemical solutions.



## Batch

0.5 to 12,000 litres

## Packaging

10 to 1,000 ml	Bottle	Plastic or glass
5 to 25 litres	Canister	Plastic
25 to 64 litres	Drum	Plastic or stainless steel
220 litres	Tighthead drum	Plastic or steel
1,000 litres	IBC	Plastic

Contract development: Minimum order quantity depends on the product; details on request. Custom manufacturing starts from 20 litres on request.

# DEVELOPMENT

YOUR SPECIALISTS FOR RAW MATERIALS  
PROCESSING AND REFINEMENT

We specialise in the development of extracts and procedures.

- Extraction methods for plant-based starting materials
- Setting up appropriate validation methods and analytical tests

Upon request, we provide support for the development of:

- basic ointment components / creams / lotions / gels / pastes / suspensions
- formulas for pharmaceuticals, cosmetics or dietary supplements
- selection of suitable packaging



Refining raw materials  
into active pharmaceutical  
ingredients (APIs), including  
the associated documentation,  
is one of our core  
competencies.



# SOURCING OF RAW MATERIALS

OUR EXPERTISE, YOUR SUCCESS



- Sourcing of starting materials for **manufacturing semi-solid products**
- Supply of **ointments and pastes** in different **customer-specific qualities**
- **In-depth understanding of raw materials** for different customer requirements in healthcare and cosmetics
- We also specialise in raw materials subject to high **safety requirements / hazardous substances**

Our wide range of pharmaceutical raw materials, which we either supply as commercial products or produce ourselves, comprises more than 3,000 different products. These include raw materials for manufacturing semi-solid forms such as:

- **Essential oils**
- **Resins**
- **Oils and fats**
- **Basic components of creams**
- **Extracts and tinctures**
- **Basic emulsions**
- **Fatty oils**
- **Oleochemicals**

Minimum order quantity varies by raw material. We will be happy to advise you in person and provide an overview of the available semi-solid raw materials.



**Sourcing raw materials to customer-specific requirements is one of Hänseler Swiss Pharma's core competencies. We can also bring our profound understanding of customers and raw materials to products with high safety requirements. Since Hänseler Swiss Pharma has access to exclusive trade channels, we are able to procure hard-to-obtain raw materials for our discerning customers.**



Dr. Dominik Hauser, Managing Director CEO

# MANUFACTURING

OUR EXPERTISE, YOUR SUCCESS



- **GMP-compliant manufacturing** of ointments, creams, emulsions, pastes and gels
- **Strong manufacturing competencies** in different batch sizes (60 to 750 litres)
- **Provision of full documentation**
- **Hazardous substances processing**
- **Strong technological expertise**

We manufacture **ointments, creams, emulsions, pastes and gels** (incl. basic components) via our systems. This includes semi-finished products as well as finished products and pharmaceuticals. The expertise we have acquired over many years has equipped us to respond **quickly and flexibly to customer needs**. Depending on order volume, manufacturing takes place using **automated or semi-automated systems**. Hänseler Swiss Pharma has strong manufacturing skills for both **large- and small-volume orders**.



**Essential oil-based ointments**



**Extract-containing ointments**



**Technical (semi) fats**



**Cosmetic creams**



**Finished pharmaceuticals**

# HM 675 HOMOGENISER VAKUMIX



## Technical specification

<b>Total capacity</b>	1,095 litres
<b>Max. usable capacity</b>	675 litres
<b>Min. usable capacity</b>	120 litres
<b>Max. product pressure</b>	-1/+2 bar
<b>Max. product temperature</b>	132.8 °C

## Additional features

- Propeller agitator with ATEX spur gear motor
- Continuous stirred-tank reactor with heating jacket, agitator housing with sightglass light, vacuum connection, pressure gauge, vacuum valve, ventilation valve and nozzles
- Anchor agitator with scraper system
- Baffle with Pt100
- Homogeniser
- Bypass line
- Suction inlet for powder
- Temperature-regulated heating and cooling
- Pressure and vacuum regulation
- CIP system

Manufactured by Hänseler Swiss Pharma



**Kelosoft®**  
Scar treatment cream



**Tattoo Creme**  
Care for tattooed skin



**Witch hazel cream**  
Cream for cuts and scratches

# PACKAGING

## OUR EXPERTISE, YOUR SUCCESS



- **GMP-compliant filling** of all widely used semi-solid products in jars and tubes
- **Custom secondary packaging** (folding cartons, patient information, outer cartons)
- **Customer-specific packaging solutions in different container types and sizes**
- **Single-dose filling**

Our systems can fill **aluminium, plastic or composite** tubes with ointments, creams, emulsions, pastes and gels.

**Filling volumes range from sample tubes to bulk packs.** Primary and secondary packaging can be prepared to meet customers' individual needs.

### Packaging solutions

#### Primary packaging



#### Secondary packaging



## OPTIMA 800 TUBE-FILLING SYSTEM AXOMATIC



### Technical specification

<b>Output</b>	up to 3,600 items per hour
<b>Dosing range</b>	3 to 250 ml
<b>Metal tube diameters</b>	13.5 to 42 mm
<b>Plastic tube diameters</b>	13.5 to 50 mm
<b>Overall tube length</b>	70 to 250 mm including cap
<b>Cartoning</b>	Uhlmann C100 (optional)

“Our Semi-Solid Solutions range satisfies customers’ most exacting requirements.”

# DOCUMENTATION

## OUR EXPERTISE, YOUR SUCCESS

Regulatory and customer requirements are increasing the significance of documentation. We regard documentation both as a quality certificate for our products and as a service to our customers. We therefore provide a range of documentation packages.

### Documentation packages for active pharmaceutical ingredients

#### ASMF (Active Substance Master File) package

CTD Module 3 – Part 3.2 S

#### Technical package

Documentation for CTD Module 3 – Part 3.2 S:

- General information such as nomenclature and structure
- Flow chart preparation
- Stability data
- Documentation for starting substances (SDS, other technical documents)

#### Phyto package

Statement for CTD Module 3 – Part 3.2 S:

- Analytical certificate with full supply chain
- Harvest protocol
- Certificate of origin
- Documentation for starting substances (SDS, other technical documents)
- Testing for pesticides, heavy metals and aflatoxins
- Pyrrolizidine alkaloids
- Microbiology
- Flow chart preparation
- Stability testing to customer specifications

### Documentation packages for finished pharmaceuticals

#### CTD Module 3 – Part 3.2 P

Compiling the necessary documentation in accordance with customer instructions.

### Documentation packages for cosmetic products

The package contains all the documents needed to create a PIF.

On request, we can also commission safety reports.

### Documentation package for excipients

The package covers excipient requirements to ICH Q9.



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