



GLOBAL PARTNER  
IN TURNKEY SOLUTIONS  
EXCELLENCE IN SUSTAINABLE TECHNOLOGIES  
DAIRY & FOOD

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*Sustainable technologies for dairy & food industry*



## Vision

Engineering excellence for a sustainable future in food and dairy industry.



## ABOUT US

### FROM DREAM TO DAIRY & FOOD PLANT – COMPLETE TURNKEY EXECUTION

• Design • Engineering • Installation • Commissioning

### *The Art of performance - from liquid to Powder*

We are a professionally managed process engineering company specializing in the supply of complete plants and integrated systems for the **dairy, food, beverage and chemical industries**.

Leveraging cutting-edge technologies from global partners, we deliver **turnkey solutions** that combine advanced components with seamless process integration.

With a proven track record of **engineered customized solutions** for innovative products, we are committed to excellence.

Our portfolio features **sustainable solutions** that promote **energy efficiency**, optimize **water management**, and uphold **environmental protection** and **regulatory compliance**.

### WHY CHOOSE SCHNEL

- Customized engineering solutions
- Global technology partnerships
- Proven project execution
- Dedicated after-sales support
- Commitment to innovation and sustainability



## WHAT WE OFFER

### TURNKEY SOLUTIONS FOR DAIRY

#### Market Milk Products

- Market Milk
- Flavoured Milk
- UHT/Sterilized Milk
- Condensed Milk

#### Milk Fat Products

- Cream
- Butter
- Butter oil
- Ghee

#### Dairy Ingredients

- Whey Protein Concentrate
- Lactoferrin
- Casein/ Caseinate
- Dairy Sweets

#### Milk Powders

- Skim & Whole Milk Powder
- Dairy Whitener/ NDC
- Whey Powders
- Lactose Powder

#### Fermented Products

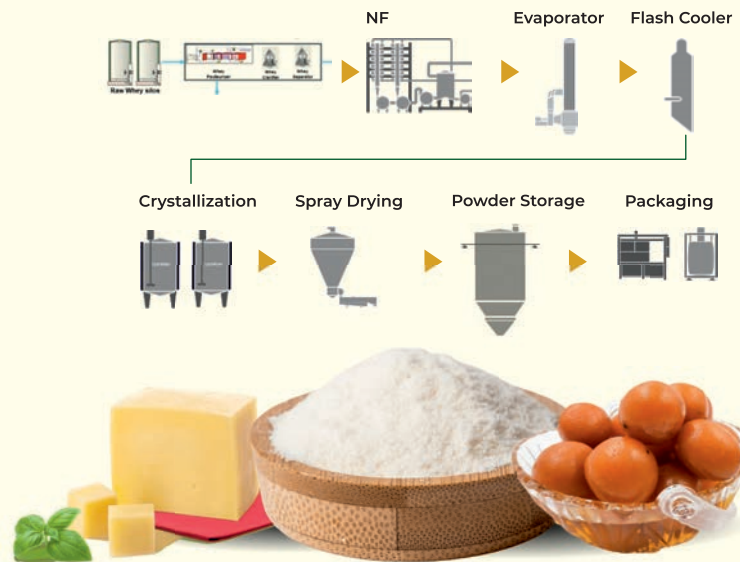
- Yoghurt
- Butter milk
- Fresh Cheese /Paneer
- Cheese

#### Ice Cream

- Mix Processing
- Ice Cream
- Frozen Desserts
- Frozen Yoghurt



#### Paneer Whey Processing End to End Solution



## GLOBAL PARTNER IN TURNKEY PROJECT EXCELLENCE & SUSTAINABLE FOOD TECHNOLOGIES

- Design • Engineering • Fabrication • Automation • Installation • Commissioning

Committed to Quality | Driven by Innovation | Trusted Worldwide



#### Extraction & Storage



#### Separation



#### Heating



#### Mixing & Blending



#### Filtration & Ion exchange



#### Evaporation & Crystallization



#### Drying



#### Powder Handling & Packing

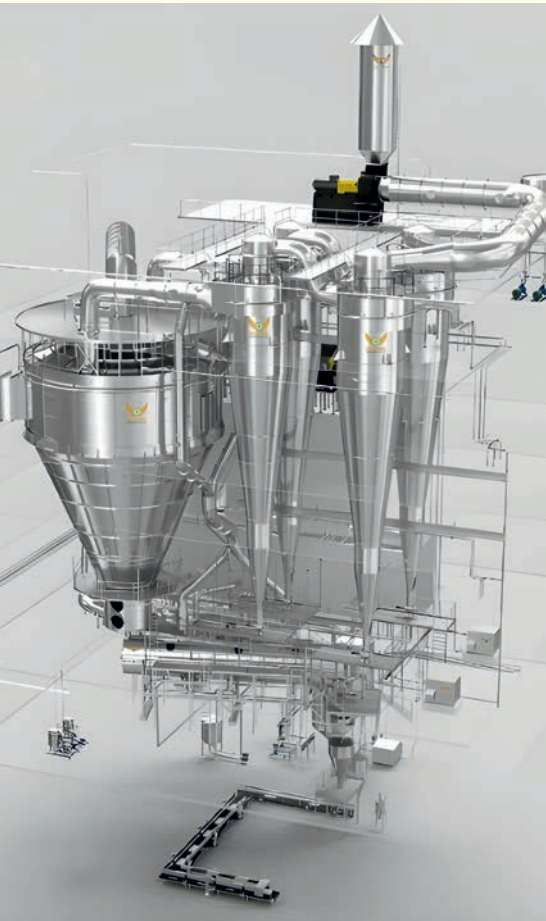


#### CIP

#### OUR APPLICATIONS

Starch Based	✓	✓	✓	✓	✓	✓	✓	✓	✓
Plant Proteins	✓	✓	✓	✓	✓	✓	✓	✓	✓
Dairy Powder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Whey Powder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Nutritional Powder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Tea, Coffee	✓	✓	✓	✓	✓	✓	✓	✓	✓
Insulin/FOS, Chicory	✓	✓	✓	✓	✓	✓	✓	✓	✓
Baby Food/ Infant	✓	✓	✓	✓	✓	✓	✓	✓	✓
Formula Powder	✓	✓	✓	✓	✓	✓	✓	✓	✓
Chocolate	✓			✓				✓	✓

## PRODUCT & PROCESS EXPERTISE



### DAIRY & FOOD PROCESSING:

- Fresh milk, Flavored milk, UHT milk, Yoghurt, Lassi,
- Butter, Cream, Butter oil, Margarine
- Condensed milk, Milk powder, Baby food,
- Ice cream, Paneer, Cheese, Khoa, Indian Sweet
- Coffee, Tea, Chicory, Juices & Plant based drinks
- Inulin, Fructo-Oligosaccharides (FOS), Sugar and Starch derivatives
- Whey protein, Plant protein

### KEY TECHNOLOGIES:

- Ultra-High Treatment (UHT), Pasteurization, Thermal treatment
- Evaporation, Crystallization, Drying and Powder Handling
- Mechanical & Membrane separation
- Exhaust air cleaning (Bag Filters)
- Liquid effluent treatment and Utility management

### AUTOMATION & ELECTRICAL EXPERTISE

- Full-scale automation of complex manufacturing units
- Instrumentation and Electrical integration
- Upgradation of legacy systems to modern standards



## INDUSTRY REACH

Serving local and multinational clients across India. Strong reference base across key industry sectors, proven expertise in turnkey solutions and process integration.



Experience the difference with SCHNEL. Let's build a prosperous and sustainable future together.

The art of achieving perfect functionality. Our modern process plant design meet the specific requirements to product properties, while always keep plant performance and economy in focus.

#### OUR GLOBAL PARTNER

**Gericke**

Switzerland

**SIMATEK**  
Filter Technology

Denmark

**ESPACE**  
ESPACE PROCESS FOOD TECHNOLOGIES PVT LTD

Germany



Singapore



**SCHNEL ENGINEERING PVT. LTD.**

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