

# STEPHAN COMBITHERM

New Standards in Food Production





## STEPHAN COMBITHERM COMPACT AND EFFICIENT!

The STEPHAN Combitherm is ideal for efficient and economic processing of dressings, purred food and baby food as well as spreads, pâté and processed cheese. A wide range of processes are covered.

Cutting, dispersing and emulsifying at vacuum conditions can be supplemented by the wellknown economic STEPHAN direct steam injection technology.

### ADVANTAGES FOR YOUR PRODUCTION

- ✓ FLEXIBLE AND MULTIFUNCTIONAL
- ✓ SHORT BATCH TIMES
- ✓ CONSTANT PRODUCT QUALITY
- ✓ OPERATOR FRIENDLY
- ✓ ECONOMIC PROCESSING



## APPLICATIONS AND PROCESSING STEPS

### APPLICATIONS

- /// DRESSINGS
- /// PURRED FOOD
- /// BABY FOOD
- /// SPREADS
- /// PROCESSED CHEESE
- /// PÂTÉ
- /// MEAT EMULSIONS
- /// HORSERADISH PASTE

### PROCESSES

- /// CUTTING
- /// DISPERSING
- /// EMULSIFYING
- /// DIRECT STEAM COOKING
- /// VACUUM PROCESSES

# HIGHLIGHTS OF THE STEPHAN COMBITHERM

## INCLINED VESSEL FOR EXCELLENT PROCESSING UND DISCHARGING

### Features:

- INCLINED PROCESSING VESSEL
- FULL SIZE AUTOMATIC COVER
- PROCESSING TEMPERATURE:  
MAX. 95 °C
- VACUUM PROCESSING
- HIGH SPEED CUTTING TOOLS
- MIXING ARM
- DISCHARGE BOTTOM SEAT VALVE

## EASY CHARGING

### Options:

- DIRECT STEAM INJECTION
- JACKETED VESSEL
- PROCESSING TEMPERATURE:  
MAX. 125 °C
- DISCHARGE PUMP
- LIFTING/TILTING DEVICE
- DIRECT METERING SYSTEMS
- DISCHARGE MICRO CUT



# DESIGN OF THE STEPHAN COMBITHERM

The STEPHAN Combitherm consists of a tilted processing vessel. Equipped with high-speed knives and an additional mixing element in the bottom of the machine. The proven STEPHAN geometry of the knives ensures ideal flow conditions and the specific vessel design ensures efficient mixing.



## HYGIENIC DESIGN



## TEST FACILITIES

The test facilities at our headquarters in Hameln (Germany) are available for feasibility studies and demonstration runs of the STEPHAN Combitherm.

Knives and mixing arm combined perfectly





## MACHINE SIZES

Type		CT 800	CT 1200	CT 1600
Batch Size	(l) approx.	800	1200	1600
Capacity (depeding on product)	(l/h) approx.	3200	4800	6400



The machines shown are for illustrative purposes only.  
Actual machine construction may vary by specification.

# Stephan Machinery

## WORLD WIDE AT YOUR DISPOSAL

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