

STEPHAN COMBITHERM

New Standards in Food Production





STEPHAN COMBITHERM COMPACT AND EFFICIENT!

The STEPHAN Combitherm is ideal for efficient and economic processing of dressings, pureed 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 well-known 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
- PUREED 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 AND 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
Batch Size up to	(l) approx.	800	1200
Capacity (depending on product) up to	(l/h) approx.	3200	4800



STEPHAN Combitherm
CT 800



STEPHAN Combitherm
CT 1200

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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