

# TECHNICAL SPECIFICATION

**Stephan**  
food processing machinery

## STEPHAN Universal Machine UM 12 C



Model STEPHAN UM 12 C (possibly with optional accessories)

### Typical Applications:

- Dressings, dips, sauces
- Mayonnaise
- Puréed food
- Liver paté
- Pesto, hommos
- Fresh cheese and butter preparations
- Oil-/Water-emulsions
- Water-/Oil-emulsions

### Standard Execution:

- Main motor 1500/3000 rpm
- Soft touch keyboard FT 3011 for manual operation
- Manually operated lid opening/ closing
- Transparent cover
- Manually operated mixing baffle
- Manually removable bowl
- Double jacket, water
- Movable cabinet on casters
- Integrated rotary vane vacuum pump
- Integrated heating device, electrical water bath
- Vacuum unit

### Advantages:

- Flexible and multifunctional
- Short batch times
- Economic processing
- Operator friendly
- Homogenous mixing
- Efficient cutting
- Stable emulsions
- Configurable for many different applications

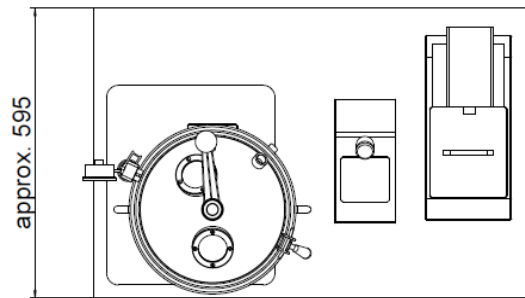
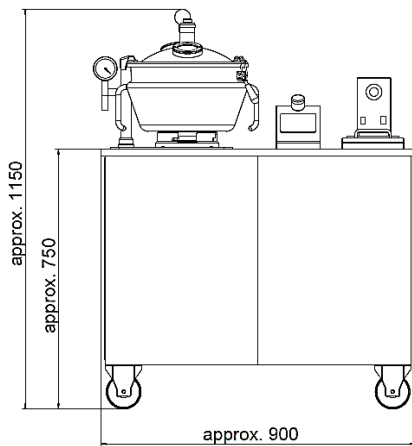
### Options:

- Main motor 300 - 3000 rpm
- Water ring vacuum pump
- Stainless steel cover
- Plug connection for dosing
- Inside polished bowl
- Wide range of working tools

## STEPHAN Universal Machine UM 12 C

Dimensions UM 12 C: (possibly with optional accessories)

overall height: approx. 1150 mm



### Machine Data: (depending on options)

Bowl content, approx.	(l)	12
Batch size, max. (depending on product)	(l)	7.0
Net weight, approx.	kg	80
Max. operating temperature - bowl	°C	95
Max. operating pressure - bowl	bar g	0.0
Max. operating temperature - double jacket	°C	95
Max. operating pressure - double jacket	bar g	0.0

**Material:** - product side 1.4301 (AISI 304) or similar  
Polyamide 6 (mixing baffle)  
Polycarbonate (lid)

- non-product side 1.4301 (AISI 304) or similar

**Shaft seals:** - main motor sealing rings  
- mixing baffle sealing rings

### Energy requirement: (depending on options)

Operating voltage / rated current, (protection)	V/Hz/A	400/50/22, (slow)
Operating voltage / rated current, (protection)	V/Hz/A	220/60/24, (slow)

**Drives:** - main motor kW 1.5/1.9  
- rotary vane vacuum pump kW 0.37

**Water:** - water supply pressure, max. bar g 0.5  
- water supply - double jacket l/h 250