

TECHNICAL SPECIFICATION

Stephan
food processing machinery

STEPHAN Universal Machine UM 12



3D model STEPHAN UM 12 (possibly with optional accessories)

Advantages:

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

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

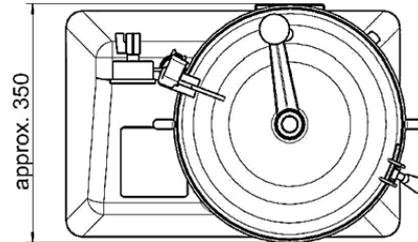
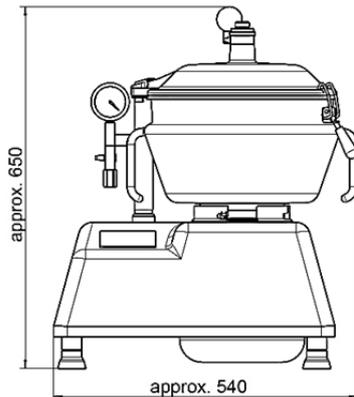
Options:

- ✓ Main motor 300 - 3000 rpm (wall-mounted cabinet)
- ✓ Vacuum unit
- ✓ Plug connection for dosing
- ✓ Rotary vane vacuum pump
- ✓ Water ring vacuum pump
- ✓ Heating device, electrical water bath
- ✓ Stainless steel cover
- ✓ Inside polished bowl
- ✓ Wide range of working tools

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Dimensions UM 12: (possibly with optional accessories)

overall height: approx. 650 mm



Machine Data: (depending on options)

Bowl content, approx.	(l)	12
Batch size, max. (depending on product)	(l)	7.0
Net weight, approx.	kg	34
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	Polyester (housing)
Shaft seals:	- main motor	sealing rings
	- mixing baffle	sealing rings

Energy requirement: (depending on options)

Operating voltage / rated current, (protection)	V/Hz/A	400/50/6, (slow)
Operating voltage / protection	V/Hz/A	220/60/9, (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