

TECHNICAL SPECIFICATION

STEPHAN Universal Machine UM 12 C



Model STEPHAN UM 12 C (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

Typical Applications:

- › Dressings, Dips, Sauces
- › Mayonnaise
- › Puréed food
- › Liver paté
- › Hummus
- › Fresh cheese and butter preparations
- › Oil-/Water-emulsions
- › Water-/Oil-emulsion

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
- › Vacuum unit

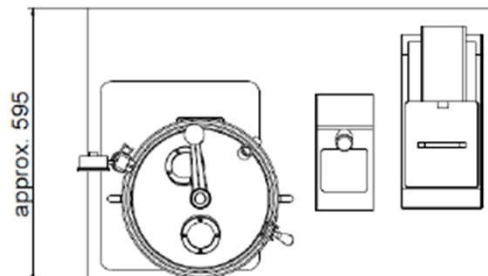
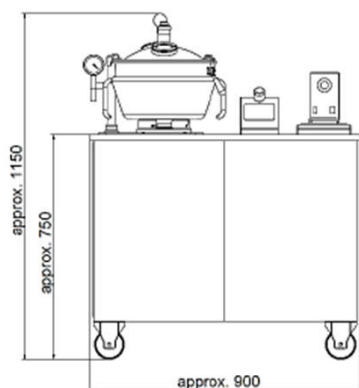
Options:

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

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Dimensions UM 12 C

Overall height: approx. 1150mm



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