

TECHNICAL SPECIFICATION

STEPHAN Universal Machine UM 24



3D model STEPHAN UM 24 (possibly with optional accessories)

Advantages:

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

*in combination with double jacket

Typical Applications:

- ✦ Dressings, dips, sauces
- ✦ Mayonnaise
- ✦ Puréed food
- ✦ Liver paté
- ✦ Pesto, hommos
- ✦ Fresh cheese and butter preparations
- ✦ Praline fillings, ganache
- ✦ Cosmetics

Standard Execution:

- ✦ Main motor 300 - 3000 rpm
- ✦ Soft touch keyboard FT 3011 for manual operation
- ✦ Manually operated lid opening / closing
- ✦ Manually operated mixing baffle
- ✦ Manually operated bowl tilting

Options:

- ✦ Automatically operated mixing baffle
- ✦ Double jacket, water
- ✦ *Discharge connection DN 65 with blind stopper
- ✦ *Pneumatically operated discharge valve DN 65
- ✦ Water ring vacuum pump
- ✦ Vacuum unit
- ✦ Water ring vacuum pump
- ✦ Electrical heating device
- ✦ Inside polished bowl
- ✦ Wide range of working tools

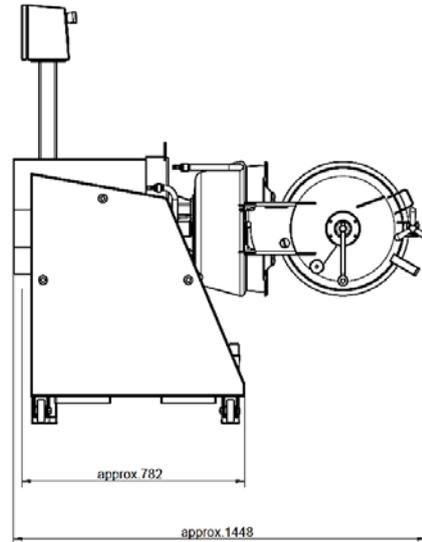
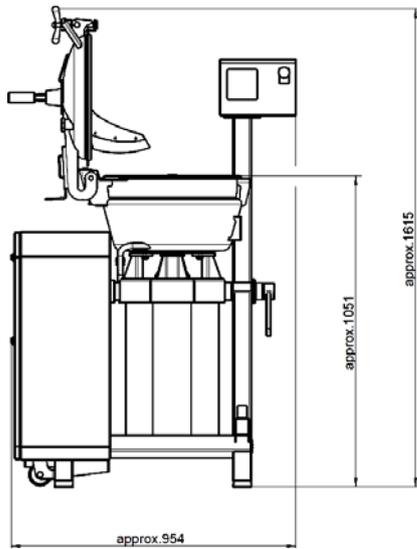
Special options for autom. operated mixing baffle:

- ✦ Additional dosing connection
- ✦ Manually operated valve and funnel for dosing connection
- ✦ Sight glass DN 80 with lamp and wiper

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Dimensions UM 24: (possibly with optional accessories)

overall height with lid open: approx. 1615 mm



Machine Data: (depending on options)

Bowl content, approx.	(l)	30
Batch size, max. (depending on product)	(l)	18
Net weight, approx.	kg	220
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
	- manual	Polyamide 6 (mixing baffle)
	- automatical (option)	stainless steel
	- 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	400/50/18, (slow)
Operating voltage / rated current, (protection)	V/Hz/A	220/60/31, (slow)

Drives:	- main motor	kW	7.5
	- gear motor (optional)		0.37
	- water ring vacuum pump	kW	0.75

Water:	- water supply pressure, max.	bar g	0.5
	- water supply -vacuum pump, max.	l/h	240
	- water supply - double jacket	l/h	750