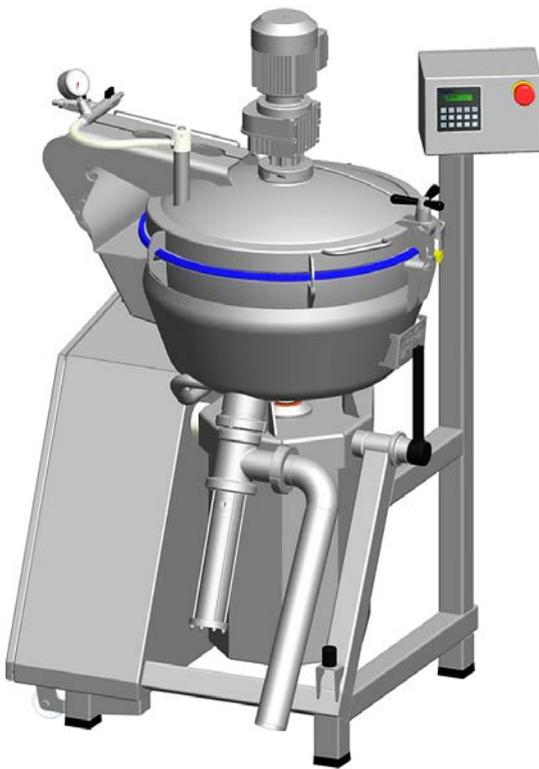


TECHNICAL SPECIFICATION

STEPHAN Universal Machine UM 74 E



3D model STEPHAN UM 74 E (possibly with optional accessories)

Typical Applications:

- ✦ Dressings, dips, sauces
- ✦ Mayonnaise, ketchup
- ✦ Puréed food
- ✦ Liver paté, meat emulsions
- ✦ Pesto
- ✦ Fresh cheese preparations
- ✦ Liquid butter preparations
- ✦ Confectionary fillings, ganache

Standard Execution:

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

Advantages:

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

Options:

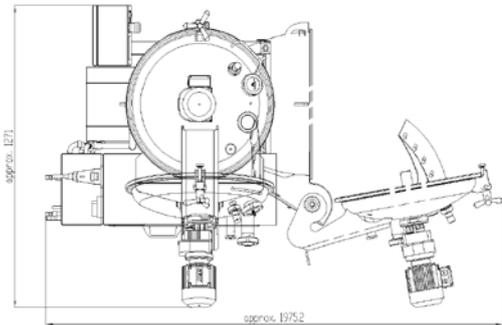
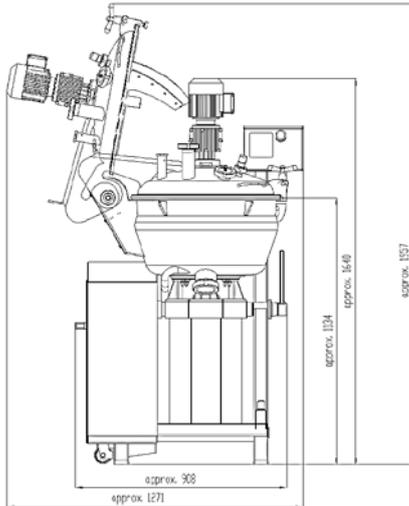
- ✦ Double jacket, water
- ✦ Vacuum unit
- ✦ Water ring vacuum pump
- ✦ Electrical heating device
- ✦ Additional dosing connection
- ✦ Manually operated valve and funnel for dosing connection
- ✦ Sight glass DN 80 with lamp and wiper
- ✦ *Discharge connection DN 65 with blind stopper
- ✦ *Pneumatically operated discharge valve DN 65
- ✦ Inside polished bowl
- ✦ Wide range of working tools

*in combination with double jacket

STEPHAN Universal Machine UM 74 E

Dimensions UM 74 E: (possibly with optional accessories)

overall height with lid open: approx. 1957 mm



Machine Data: (depending on options)

Bowl content, approx.	(l)	70
Batch size, max. (depending on product)	(l)	55
Net weight, approx.	kg	350
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	2.0

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

Shaft seals: - main motor sealing rings
- gear motor sealing rings

Connections: - compressed air, pneumatic connection 8 mm
- steam supply - double jacket 1/2", socket
- water supply - recipe 19 mm, hose connector
- water supply - vacuum pump 13 mm, hose connector
- water supply - double jacket 19 mm, hose connector

Energy requirement: (depending on options)

Operating voltage / rated current, (protection) V/Hz/A 400/50/31, (slow)

Drives:	- main motor	kW	13
	- gear motor	kW	0.37
	- vacuum pump	kW	0.75
Steam:	- theoretical requirement	kg/h	180
	- recommended supply	kg/h	230
	- steam pressure at the machine	bar g	2.0
Water:	- water supply pressure, max.	bar g	2.0
	- water supply - recipe, approx.	l/min	20
	- water supply - vacuum pump, approx.	l/h	240
	- water supply - double jacket	l/h	800