

Spindle Mill

HKM 80

Technical Data

Capacity	max. 1250 kg/h	
Grinding pot capacity	80 l	
Cooling water required for an inlet water temperature of + 15 °C	approx. 0,3 m³/h	
Heating water required for an inlet water temperature of + 60 °C	approx. 0,1 m³/h	
External dimensions (length x width x height)	machine	1900 x 780 x 2440 mm
	control cabinet	800 x 500 x 2000 mm
Required space (erection and operations area)	1700 x 3000 mm	
Connected load	47 kW	
Weight, net	machine	approx. 2100 kg
	control cabinet	approx. 500 kg
Weight, gross	machine	approx. 2800 kg
	control cabinet	approx. 580 kg
Required transport space	machine	8,9 m³
	control cabinet	2,4 m³

Application

Superfine grinding of preground cocoa liquor

Constructional Features

- continuous operation
- balls grind the product by applying pressure, friction and shear forces
- a rotating screen separates the ground product from the balls
- agitator driven by V-belts
- heatable pump
- pump parts in contact with product made of stainless steel
- pump drive with broad speed control range
- grinding pot of stainless steel, jacketed for intensive cooling or heating
- reversible mill grinding pot
- milling unit is portable; easy attachment to and release from machine frame
- liquor pipe of stainless steel, jacketed for cooling or heating
- valveless product inlet
- automatic product temperature control
- automatic preheating of machine
- weekend heating system
- machine terminal for automatic operation, indication of operating states, entry of setpoints
- separate control cabinet
- combinable with beater mill 13.110.1 and differential mill 310 H
- CE conformance (meets EU machinery guideline), if required UL or CSA guideline possible

