

HV-Simoloyer®

HV-10

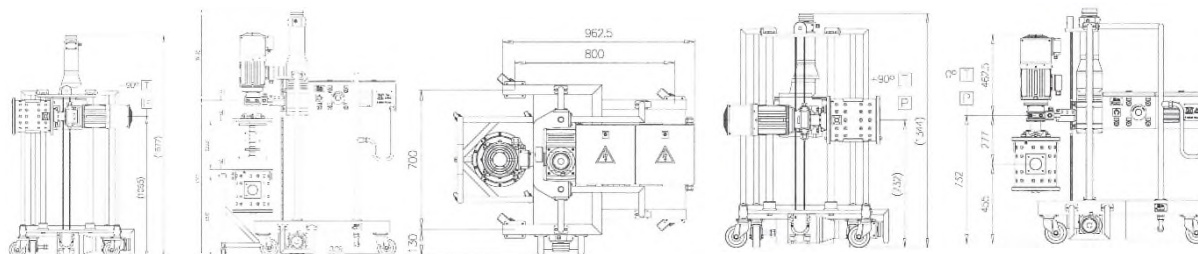
Patent No.: US 6,405,952 B1

Date of Patent: June 18, 2002

Application

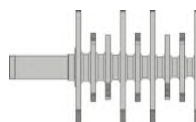
low – medium kinetic milling apparatus:

- fine grinding, mixing, dispersing, homogenizing
- wet & dry operation, controlled atmosphere
- ceramics, metals, minerals, polymers & fibres
- paints, pigments, enamel, tungsten carbide, chemicals



Operation modes			Options
horizontal operation	vessel in horizontal position	batch & continuously	<ul style="list-style-type: none"> • rotor type HKP (stainless steel & WC-Co) • heating system for vessel • vessel in wear-resistible steel, alumina or rubber lining • vessel & rotor coated with ceramic, WC-Co, CVD-coatings et al. • rotor type DMC with ceramic bulk protection or coating • airlock systems, dead-zone-free valves, vessel-carts, container, sample units, etc.
turning operation	vessel turns +/- 45°	batch & continuously	
vertical operation	vessel in vertical position	batch & continuously	
assembly & maintenance mode	vessel in vertical position	batch & batch-open	

Technical data	
net weight [kg]	375
main inverter drive, power [kW]	1,5 / 3
power-supply	400 V, 3 phase
rotational-speed, direct [rpm]	150-600
aux. inverter drive, turning range	adjustable during operation, turning range 0 - 135°
Aux. inverter drive, lifting range [mm]	400
drive comm. (3)	Maltoz® 6-software
vessel & flange	stainless steel, 1.4301
rotor type DMC (standard)	stainless steel, 1.4301
atmosphere	vacuum or inert gas
airlock system port	NW50
airlock system, option	DN40/DN50
cooling system	vessel, main bearings, pre-seal-unit
electronic control	Maltoz® 6-software



Rotor Type HKP



Rotor Type DMC

technical data subject to alterations