

HV-Simoloyer®

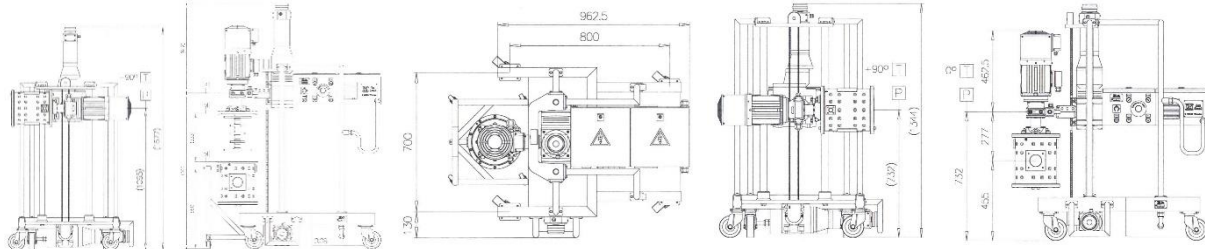
HV-10

Patent No.: US 6,405,952 B1

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



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



Operation modes

horizontal operation	vessel in horizontal position
turning operation	vessel turns +/- 45°
vertical operation	vessel in vertical position
assembly & maintenance mode	vessel in vertical position

batch & continuously
batch & continuously
batch & continuously
batch & batch-open

Options

- 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.



technical data subject to alterations