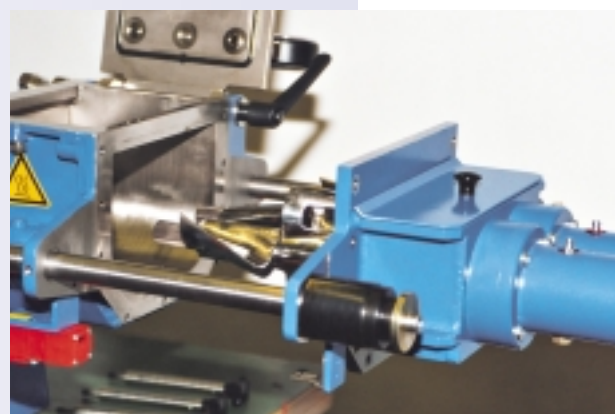


Applications

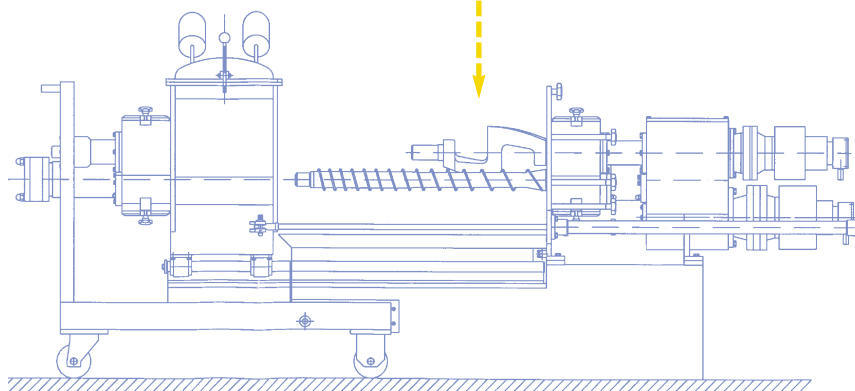
Glues (e.g. hotmelts)
 Rubber masses
 Plastic mixtures
 Ceramic masses, porcelain
 Colour mixtures
 (e.g. printing inks)
 Carbon pastes
 Graphite mixtures



Due to useful options like e.g. discharge screw, removable sidewall or removable kneading bowl IKA® kneaders became the standard machines for many applications.

Type	Useful volume l	Drive power kW	Dimensions with discharge screw, approx. (L x W x H) mm
HKD 2,5	1,75	0,75	1175 x 360 x 460
HKS / HKD 10	7	1,5 / 2,2	1365 x 500 x 1350
HKS / HKD 25	17	2,2 / 4	1450 x 880 x 1280
HKS / HKD 50	35	4 / 5,5	1920 x 700 x 1400
HKS / HKD 125	85	7,5 / 11	2070 x 1000 x 1770
HKS / HKD 250	170	11 / 15	2975 x 1255 x 1890
HKS / HKD 500	350	15 / 22	3400 x 1640 x 2750
HKS / HKD 1000	700	37 / 37	3830 x 2030 x 3600

Further sizes on request



A very large viscosity range from – for a kneading machine – rather low-viscous glues (hot-melts) up to extremely high-viscous rubber mixtures can be processed with the IKA® horizontal kneading machines with DUPLEX or ZETA blades. The use of these kneading blades patented by IKA® results in a substantially improved product homogeneity and a saving of up to 30% of kneading time compared to the classical Z-kneaders.

Vacuum-tight and double jacketed kneading bowls, high-quality stainless steel for all parts in contact with the product and high-quality shaft seals with easy access for service and maintenance are part of the IKA® basic equipment.