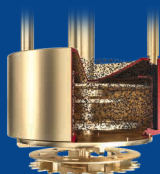


LABORATORY- KREIS-BASKET-MILL® Type KBM/KDV 31-3,0

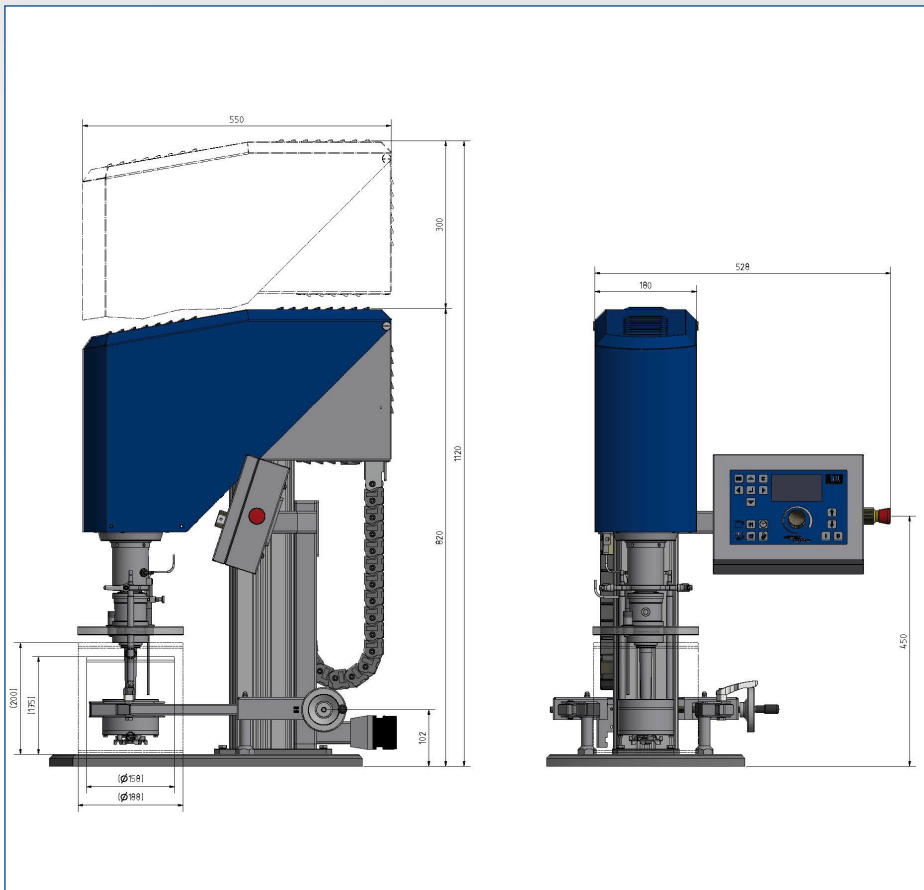


- Machine for dispersion and grinding
- Electro-mechanical lifting device
- Mixing shaft easy exchangeable
- Compact construction
- ATEX design



■ Fine grinding in batch production (<5 µ)
in the laboratory

■ **MADE BY NIEMANN**
MADE IN GERMANY
S I N C E 1 9 6 3



DISPERSION EXAMPLES					
Toothed disc Ø	mm	50	60	70	80
Container Ø	mm	100	120	140	160
Filling height	mm	51	62	65	75
Batch size	litres	0.4	0.7	1.0	1.5
Peripheral speed	m/sec	23	25	25	25
Speed	rpm	9000	8000	7000	6000

Type:

KBM/KDV 31-3.0

General technical data:

- Driving power: **2.2 kW**
- Voltage: **220 - 240 volts / 50 - 60 cycles**
- Protective system: **IP40**
Ex II 3G Ex h IIB T3 Gc, IP54
- Driving system: **frequency converter**
- Height adjustment: **electro-mechanically**

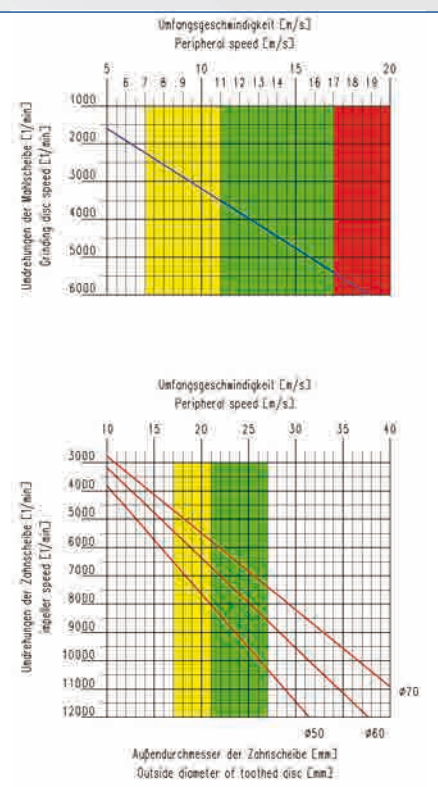
Data for KBM (grinding):

- Range of speed: **150 - 5,400 rpm**
- Pump disc: **toothed disc D=80**
- Volume of grinding chamber: **145cm³**
- Grinding media: **zircon oxide**
of Ø 0.3–1.7 mm
1.0 - 3.0 litres

Batch sizes:

Data for KDV (dispersion):

- Range of speed: **150 - 9,000 rpm**
- Toothed discs: **D= 50 / 60 / 70 / 80 mm**
- Batch sizes: **max. 3 litres (dispersion)**



- **MADE BY NIEMANN**
- Possible finenesses **< 5 µ**
- Dispersion time **10-15 min.**
- Premium class service

