



## SLAGKRYSSMØLLE SK 300

Slagkryssmøllen SK 300 egner seg til lbatchvis eller kontinuerlig grov- eller finknusing. Den kan male middels harde eller prø materialer med en hardhetsgrad inntil ca. 6 på Mohs skala. SK 300 er universalfunksjonell. Møllen kan brukes både til prøvepreparering i laboratoriet og for større kvanta i industrien og forskningsinstitusjoner

## FORDELER

- | wide range of accessories including various collection and feeding systems, rotors and sieves
- | defined final fineness due to bottom sieves with aperture sizes from 0.12 - 10 mm
- | adjustable speed for different applications
- | gravity outlet with 5l or 30 L collecting vessel for batchwise collection of larger sample quantities
- | optionally available cyclone unit with 0.25 - 0.5 - 1 - 2 - 5 or 30 liters collecting vessel
- | easy cleaning thanks to exchangeable push-fit grinding insert, rotor and sieve
- | electric engine brake
- | central locking device

## BRUKSEKSEMPLER

chamotte, coal, gips, glass, granitt, grus, jord, koks, malm, mineraler, oksidkeramikk, sementklinker, slagg, ...

To find the best solution for your sample preparation task, visit our application database.

## VIRKEMÅTE

Knusingen i SK 300 skjer ved støt- og skjærevirkning. Matematerialet passerer gjennom den tilbakeslagssikre trakten og kommer til sentrum av malerommet. Her fanges det opp av skjære-/salgkrysset og knuses mellom sammenstøtsplatene til skjære-/salgkrysset og det taggede maleelementet. Så snart malematerialet er mindre enn hullvidden i bunnsikten som er satt inn, passerer det gjennom denne og kommer i oppsamlingsbeholderen. Den luften skjære-/salgkrysset suger inn gjennom trakten, gjør at prøven kommer raskere i oppsamlingsbeholderen. Det kan i tillegg bestilles et ringfilter for å hindre utslipp av støv i luften.



[Click to view video](#)

SLAGKRYSSMØLLE SK 300

## TECHNICAL DATA

<b>funksjon</b>	størrelsesreduksjon
<b>bruksområde</b>	byggematerialer, geologi / metallurgi, glass / keramikk, kjemi / plast, landbruk, miljø / gjenvinning
<b>matemateriale</b>	middels hardt, sprøtt
<b>nedmalingsprinsipp</b>	støt
<b>matestørrelse*</b>	< 25 mm
<b>sluttfinhet*</b>	< 100 µm
<b>turtall ved 50 Hz (60 Hz)</b>	2000 - 4000 min-1 (in steps of 200 min-1)
<b>innstilling av turtall</b>	ja
<b>rotorens perifere hastighet</b>	15.5 m/s .. 31 m/s
<b>rotortyper</b>	stainless steel / cast iron
<b>material i maleverktøyet</b>	herdet stål, rustfritt stål, støpejern, stål 1.1740 (for tungmetallfri nedmaling)
<b>siktestørrelser</b>	trapezoid holes 0.12 / 0.20 / 0.25 / 0.35 / 0.50 / 0.75 / 1.00 / 1.50 / 2.00 mm round holes 3.00 / 4.00 / 5.00 / 6.00 / 8.00 / 10.00 mm
<b>støvsuging:</b>	optional cyclone
<b>opsamlingsbeholder</b>	5 l / valgfritt: 30 l
<b>drift</b>	3-phase motor with frequency converter
<b>drivkraft</b>	1.1 kW
<b>Elektriske tilkoblingsdata</b>	200-240 V, 50/60 Hz
<b>Nettilkobling</b>	1-fase
<b>kapslingstype</b>	IP 41
<b>kraftforbruk:</b>	1.5 kW
<b>b x h x d lukket</b>	600 x 1200 x 700 mm (with base frame)
<b>nettvekt</b>	~ 60 kg (with base frame)
<b>merkna</b>	~ 50 kg (without base frame)
<b>Normer / standarder</b>	CE





\*avhengig av matemateriale og apparatkonfigurering /apparatinnstillinger

/sk300

## BESTILLINGSINFO

### CROSS BEATER MILL SK 300

**Cross Beater Mill SK 300 with cross beater, baffle plates, 240 mm filter hose and collecting receptacle  
(please order bottom sieve and optional base frame separately)**

				<b>grinding assembly / cross beater / baffle plates</b>
20.751.0001		SK 300	200–240 V, 50/60 Hz	cast iron / cast iron / hardened steel
20.751.0002		SK 300	200–240 V, 50/60 Hz	hardened steel / cast iron / hardened steel
20.751.0003		SK 300	200–240 V, 50/60 Hz	stainless steel / stainless steel / stainless steel
20.751.0004		SK 300	200–240 V, 50/60 Hz	cast iron / cast iron / steel 1.1740 for grinding without heavy-metal contamination
22.824.0007		Base frame with wheels		


### BOTTOM SIEVES SK 300

#### BOTTOM SIEVES SK 300 OF STAINLESS STEEL

02.407.0098		Trapezoid holes	0.12 mm
02.407.0099		Trapezoid holes	0.20 mm
02.407.0100		Trapezoid holes	0.25 mm
02.407.0121		Trapezoid holes	0.35 mm
02.407.0101		Trapezoid holes	0.50 mm
02.407.0102		Trapezoid holes	0.75 mm
02.407.0103		Trapezoid holes	1.00 mm

02.407.0104		Trapezoid holes	1.50 mm
02.407.0105		Trapezoid holes	2.00 mm
02.407.0106		Round holes	3.00 mm
02.407.0107		Round holes	4.00 mm
02.407.0108		Round holes	5.00 mm
02.407.0109		Round holes	6.00 mm
02.407.0110		Round holes	8.00 mm
02.407.0111		Round holes	10.00 mm

**BOTTOM SIEVES OF STEEL 1.0344 FOR GRINDING WITHOUT HEAVY-METAL CONTAMINATION**







02.407.0112		Trapezoid holes	0.12 mm
02.407.0113		Trapezoid holes	0.20 mm
02.407.0114		Trapezoid holes	0.25 mm
02.407.0122		Trapezoid holes	0.35 mm
02.407.0115		Trapezoid holes	0.50 mm
02.407.0116		Trapezoid holes	0.75 mm
02.407.0117		Trapezoid holes	1.00 mm


02.407.0118		Trapezoid holes	1.50 mm
02.407.0119		Trapezoid holes	2.00 mm

## CYCLONE-SUCTION-COMBINATION FOR SK 300

22.935.0022	Cyclone unit incl. 5 litres collection receptacle (to be used with industrial vacuum cleaner)
22.935.0039	Cyclone unit incl. 30 litres collection receptacle (to be used with industrial vacuum cleaner). Requires 02.183.0158 cyclone outlet.
02.183.0158	Cyclone outlet for SK 300
22.748.0005	Industrial vacuum cleaner for mills, 230 V, 50/60 Hz (other electrical versions and spare filter bags available upon request)





## ADDITIONAL ITEMS SK 300

22.187.0008	 <b>i</b>	Ring-type filter for collecting receptacle 5 litres
22.748.0001		Dust filter clamping rings for ring-type filter, incl. 5 dust filters
22.524.0002	 <b>i</b>	Dust filters for ring-type filter, 25 pcs.
02.011.0038		Collecting receptacle, 5 litres, stainless steel
02.187.0020	<b>i</b>	Filter hose for collecting receptacle 5 litres, length 240 mm, incl. "comfort" flange
02.186.0037		Spare filter hose for 02.187.0020
05.045.0528		Collecting receptacle, 30 litres
99.200.0023		IQ/OQ Documentation for SK 300
22.443.0004		Grinding assembly cast iron

22.443.0005		Grinding assembly	hardened steel
22.443.0006		Grinding assembly	stainless steel
22.716.0003		Cross beater	cast iron
22.716.0004		Cross beater	stainless steel
22.526.0007		Baffle plates	hardened steel, 3 pieces
22.526.0008		Baffle plates	stainless steel, 3 pieces
22.526.0009		Baffle plates for grinding without heavy-metal contamination	steel 1.1740, 3 pieces

## VIBRATORY FEEDER DR 100 FOR SK 300

### DR 100 drive unit (please order feeding kit separately)

70.938.0001		DR 100 drive unit	220–240 V, 50 Hz
70.938.0003		DR 100 drive unit	220–240 V, 60 Hz
70.938.0010		DR 100 drive unit	200 V, 50 Hz
70.938.0006		DR 100 drive unit	200 V, 60 Hz
72.020.0019		Feeding kit DR 100/3.5 litres for SR 300/SK 300, incl. push-fit feed chute 75 mm, holder for push-fit feed chute, hopper 3.5 litres and holder for hopper and fixture	
72.020.0020		Feeding kit DR 100/22 litres for SR 300/SK 300, incl. push-fit feed chute 75 mm, holder for push-fit feed chute, hopper 22 litres and holder for hopper and fixture	