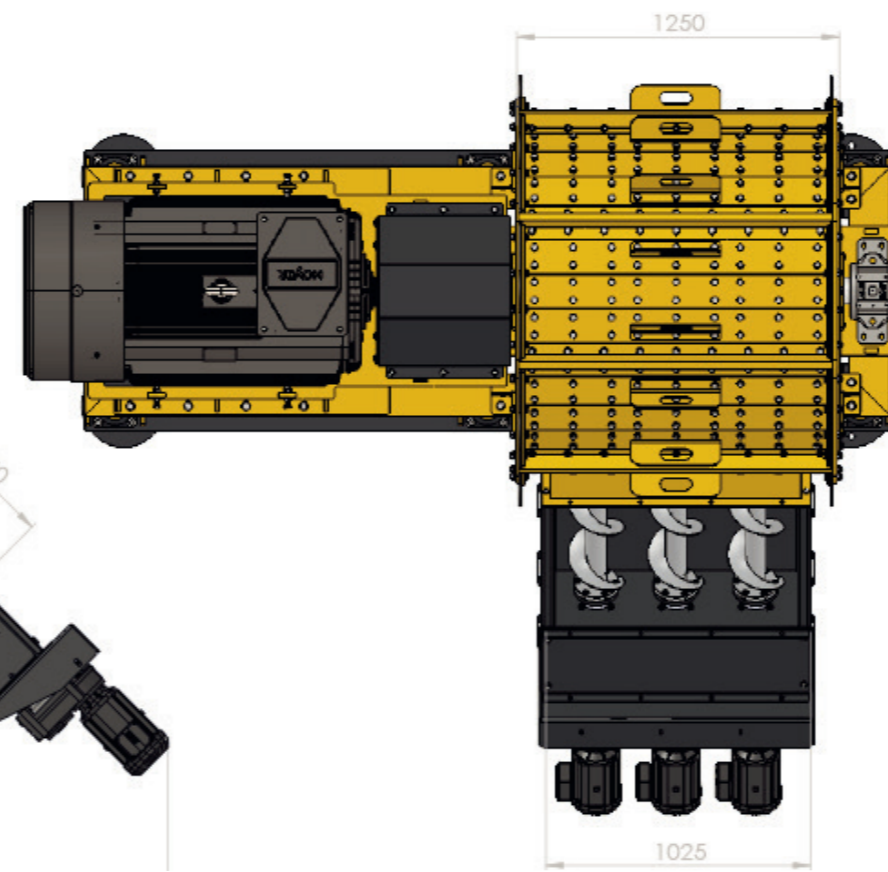
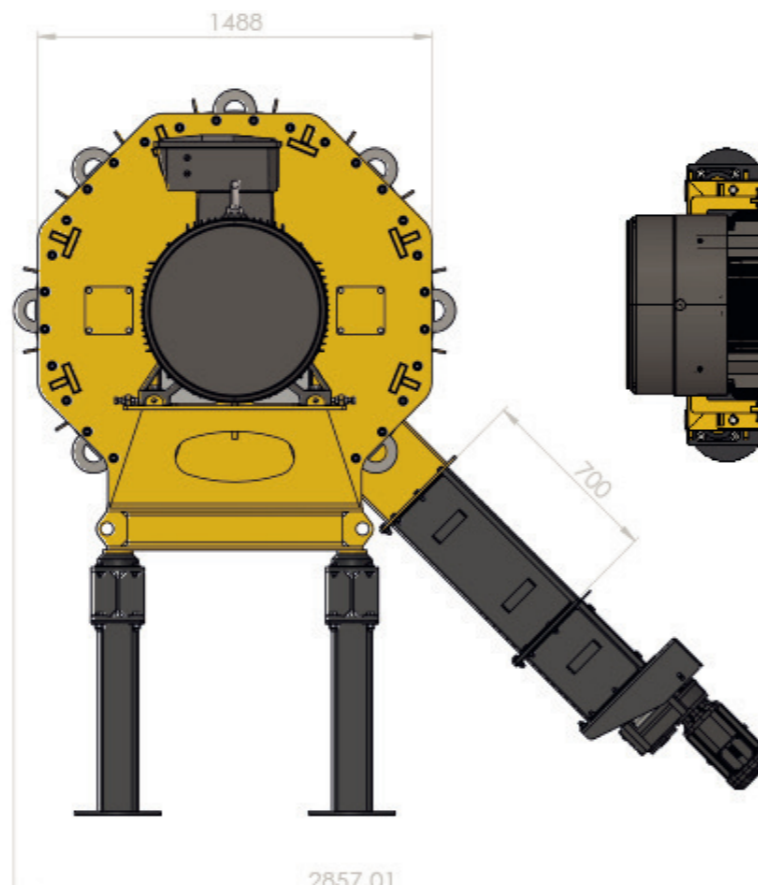
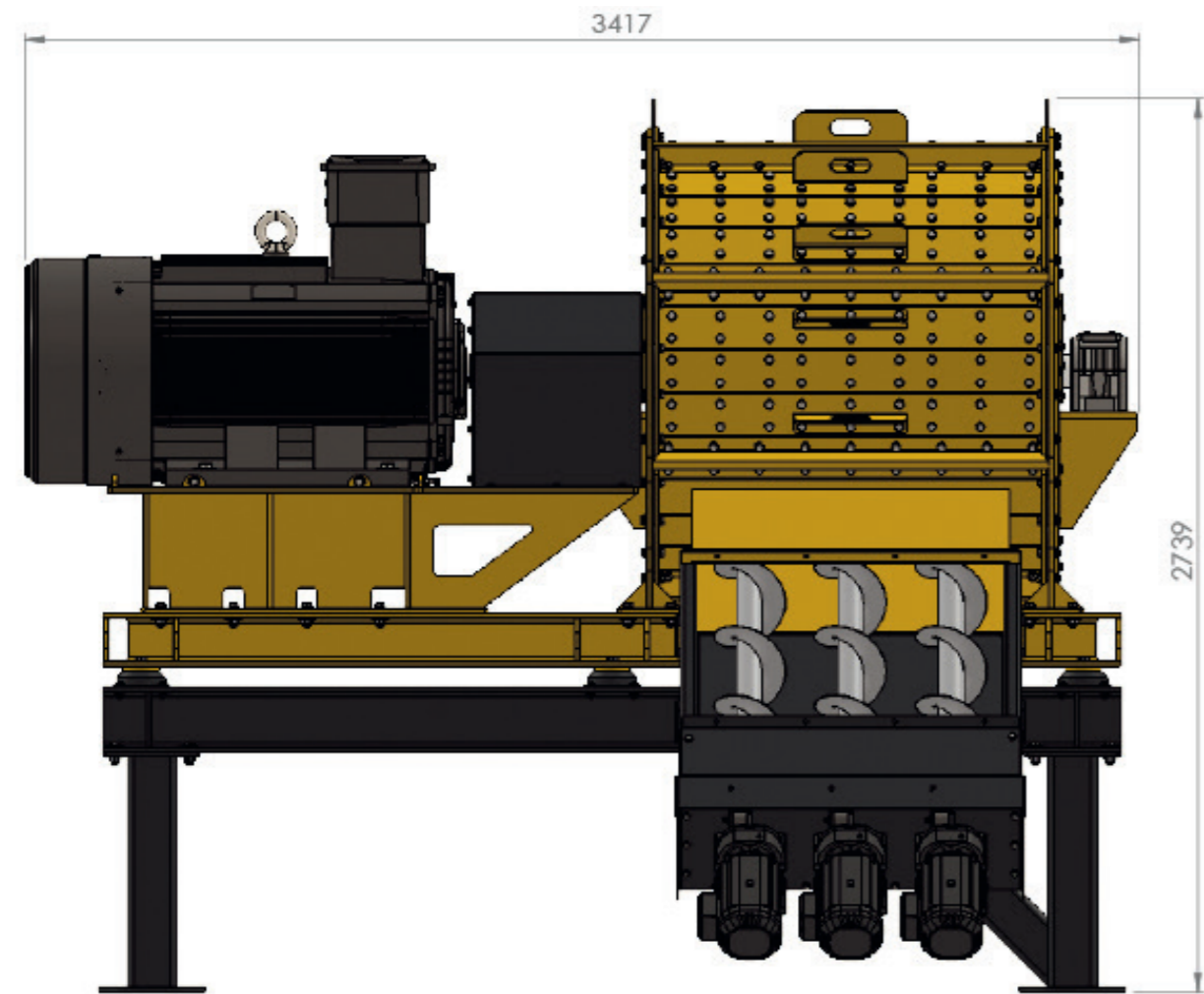


EG1250

side view

EG1250

top view



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Subject to misprints, errors and modifications.

15- 60  
 m<sup>3</sup>/h

90-  
 300 kw

input  
 max G100





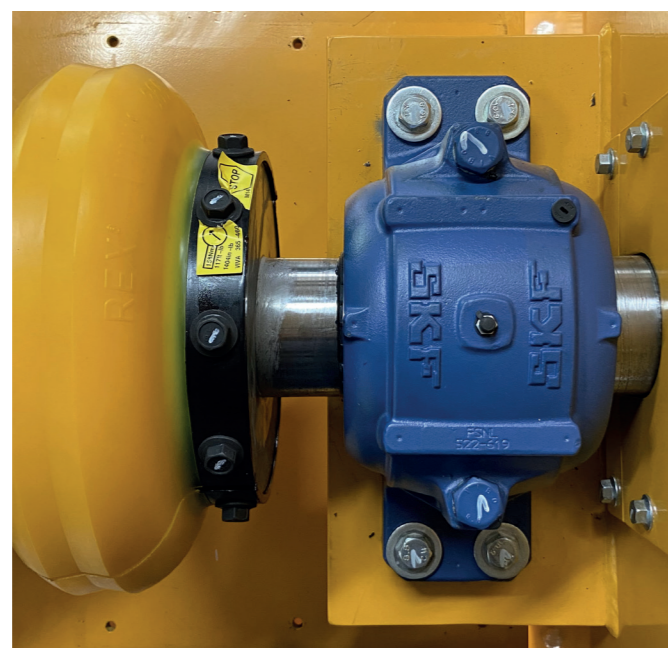
EG 830



EG 1250



infeed augers EG 1660



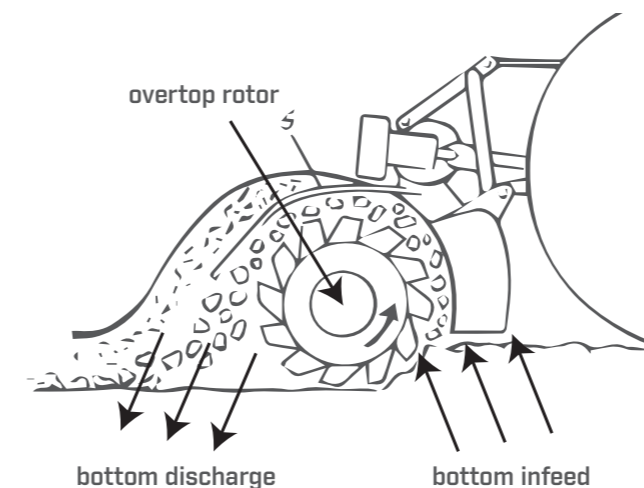
main bearing + coupling

# Europe Grinders

From the agricultural world we take bottom infeed, overtop rotor with hammers, nitrided wear plates, integrated screen and bottom discharge. Friction between the hammers and wear plates opens all the fibres.

From the agricultural world we take the bottom infeed, overtop rotor with swing hammers, nitrided wear plates, integrated screen and bottom discharge. Friction between the hammers and the wear plates open all fibres.

Our Europe Grinders are modular build and work with the popular principle used in the agricultural industry called friction grinding: the kinetic energy from the swing hammers on the overtop rotor give so much impact that woodchips are splitted into smaller pieces without creating dust. The more wet the input is, the more easy our Europe grinder work and our grinders NEVER block.



The wear plates in the grinder house are nitrated for double standing times and have special design that they can be used 4 times. The swing hammers on the rotor have special hard face welding. Rotor and hammers are special balanced to work at 1250 to 1850 rpm.

Our newest software ensures that size of the output remains constant and that the total capacity of the grinder remains constant. When our Europe controller "smells" that amperage main electromotor is reaching the set point, immediately the infeed augers slow down. When amperage main motor go down, immediately the infeed augers speed up .

	EG 415	EG 830	EG 1250	EG 1660
production*	15 m <sup>3</sup> /h = 3000 kg/h	30 m <sup>3</sup> /h = 6000 kg/h	45 m <sup>3</sup> /h = 9.000 kg/h	60 m <sup>3</sup> /h = 12.000 kg/h
weight overtop rotor	1000 kg	1500 kg	2000 kg	2500 kg
width	415	830	1270	1270
diameter	1200	1200	1200	1200
noise level	84 dB	84 dB	84 dB	84 dB
moisture content	from 10 to 90%	from 10 to 90%	from 10 to 90%	from 10 to 90%
max size infeed	60x30x20 mm	60x30x20 mm	60x30x20 mm	60x30x20 mm
hammers steel 600	120 + reinforced	240 + reinforced	360 + reinforced	480 + reinforced
plates	18 + nitrided	36 + nitrided	54 + nitrided	72 + nitrided
power electric	90 kw	160 kw	250 kw	315 kw
infeed augers	1x 3 kw	2x 3 kw	3x 3 kw	4x 3 kw
connection	400 volt	400 volt	400 volt	400 volt
bearings	SKF	SKF	SKF	SKF
chassis	yes	yes	yes	yes
vibration dampers	4x	4x	6x	6x
stainless steel bunker	yes 2000 x 1000	yes 2000 x 1000	yes 2500 x 1000	yes 2500 x 1000

\*Material related

Because the swinghammers can jump back and because Europe Grinders have no mash inside, we see that small stones and steel not damage the grinder. Wood contamination with bullets does not affect our grinders.

Europe Grinders can take all kind of input as long as the infeed augers bring it inside the grinder. No limits on the dry matter and no limits on what kind of material.

- Options:
- ATEX design
  - Vibration measurement
  - Bearing temperature measurement
  - Spark extinguishing system
  - Turnkey infeed system
  - Screen systems after Europe Grinders

