

ECM line

ECM 300 | ECM650 | ECM800

	ECM 300	ECM650	ECM800
Electric motor (IE2)	max. 55 kW	75 – 90 kW	160 kW
Capacity*	12 – 15 m ³ /h	25 – 30 m ³ /h	45 m ³ /h
Noise level ca.	80 db ca.	90 db ca.	110 db
Weight** ca.	2300 kg	4700 kg	5050 kg
Steel base frame	yes	yes	yes
Measurements LxWxH	1,3 x 1,5 x 1,7 m	2,3 x 1,5 x 1,7 m	2,8 x 1,5 x 1,7 m
Max. input mat.size	60x30x20 mm	60x30x20 mm	60x30x20 mm
Max. moisture content	55%	55%	55%
Connection Clamp	Stüwe	Rexnord Viva	Rexnord Viva
Bearings	SKF or INA	SKF or INA	SKF or INA
Vibrating damper	yes	yes	yes
Auger motor	3 KW	2 x 3 KW	2 x 3 KW
Hammers	Hardened	Hardened	Hardened
Friction plates	Hardened	Hardened	Hardened

Options:

- ATEX design
- Vibration measurement
- Bearing temperature measurement
- Production-related hammers
- Spark extinguishing system
- Turnkey infeed system
- Screen systems after Europe Chip Mill

* Material related

* Without steel base frame



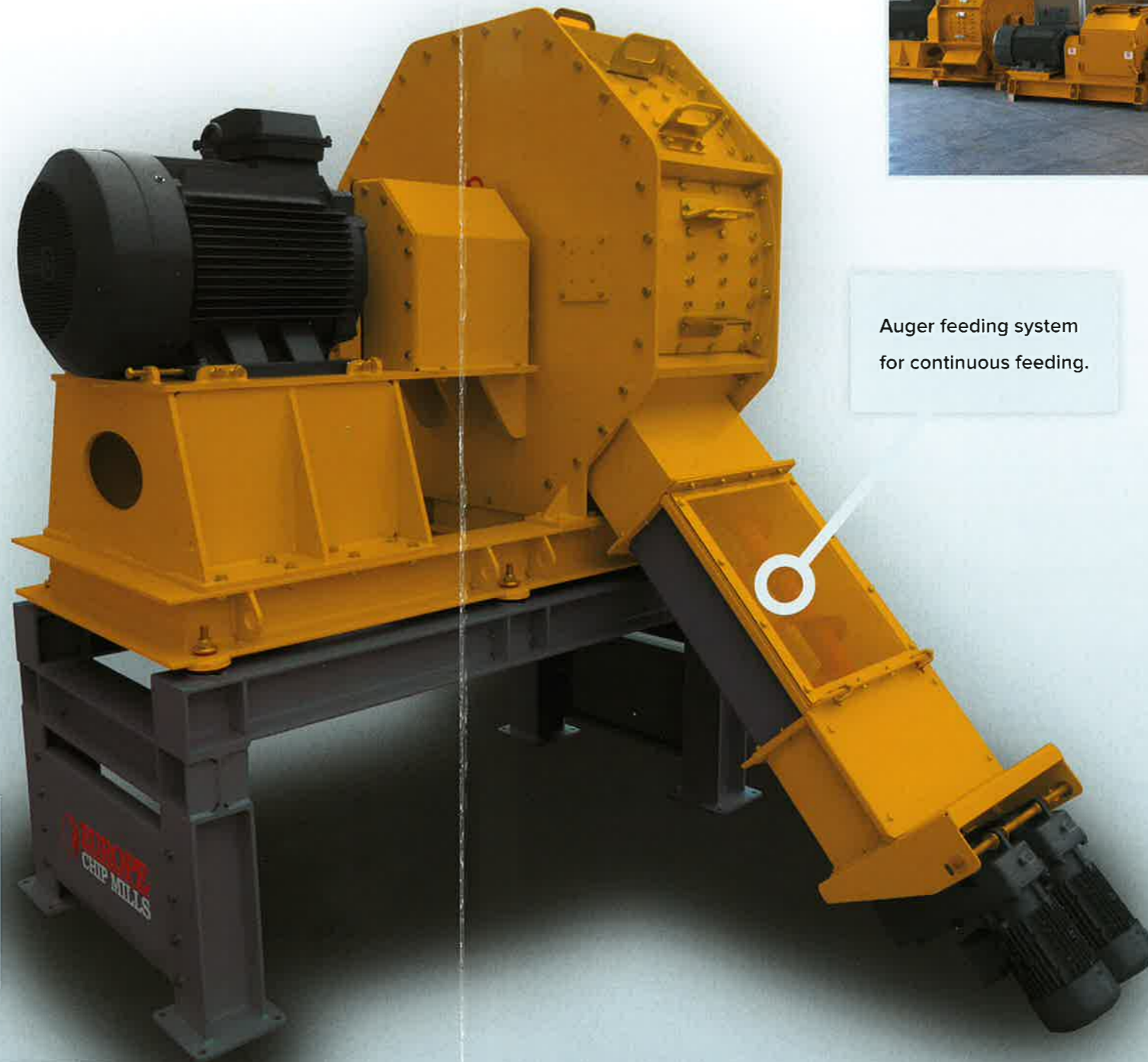
The Europe Chip Mills work with an innovative principle called friction grinding. This way of grinding woodchips has the advantage of a higher capacity with up to 40% less power consumption. The kinetic hammer effect of the swing hammers in combination with the special designed and hardened friction plates are ideal for grinding wet wood chips. The full surface of the housing can be used with this principle. This patented system ensures an homogeneous end product with a very low dust content, ideal for drying. The loading system with augers guarantee a continuous feeding:



Special hardened friction plates guarantee a high capacity and homogenous product.



Free moving hammer for optimal grinding ability



Auger feeding system for continuous feeding.

Highest quality with rotor balancing according DIN ISO 1940-1



Many turnkey options available



Homogeneous endproduct with very low dust content.

