

PROVEN CHIPPING TECHNOLOGY

HQ-Chipper
gravity-fed chipper

The HQ-Chipper combines proven drop-feed chipping technology with the latest innovations in pulpwood chipping. It is designed for 2–6 meter logs. The unique chipping geometry and optimized cutting speed produce thin, square chips, ideal for modern cooking and refining processes. The infeed spout geometry allows simultaneous chipping of multiple logs on the bed knife. A decreased chute angle, together with the unique chipping geometry, stabilizes logs during chipping, resulting in uniform chip size distribution and fewer oversize chips.

Chip quality with high throughput

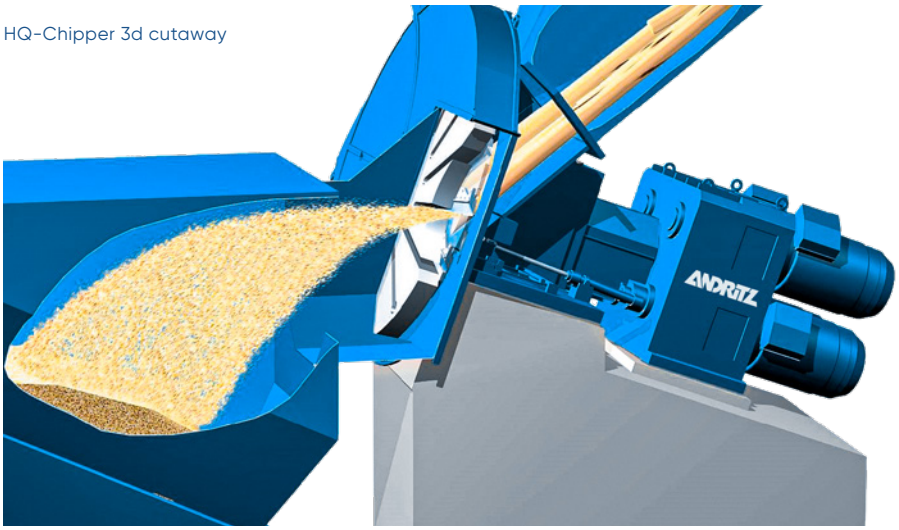
Cutting speed and knife count can be optimized for each application. A gentle side discharge of chips minimizes the creation of pins and fines. A large hatch and integrated tools for knife changes ensure fast, easy, and safe maintenance. The rugged, modular design contributes to the overall economy of the ANDRITZ HQ-Chipper.

Type	S	M	L	XL	XXL
Capacity (m^3 sub/h)	50 - 200	125 - 300	150 - 350	250 - 400	150 - 350
Chip length (mm)			14 - 34		
Disc diameter (mm)	2,328	2,758	3,046	3,360	3,360/3,390
Spout width (mm)	590	720	855	855	975
Number of knives	6/8/10	8/10/12	8/10/12	14/16	10/12
Rotation speed (rpm)	348/383/421	292/316/348	265/292/316	226/249/274	249/265/292
Rated power (kW)	4×200	4×250	4×315	4×315	4×400
Moment of inertia ($kg \cdot m^2$)	3,500	8,200	13,700	21,500	22,000
Total weight w/o motor (kg)	12,500	18,500	23,500	30,500	31,000

BENEFITS

- High chip quality with uniform chip size
- Simultaneous chipping of several logs
- Minimum fines and pins generation
- Reliable operation and easy maintenance
- Flexibility to meet changing process needs and chip sizes

HQ-Chipper 3d cutaway



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