

SUPERIOR QUALITY CHIPS

HHQ-Chipper horizontally fed chipper

The HHQ-Chipper horizontally fed chipper has a unique chipping geometry that enables it to produce superior quality chips at the highest production throughput. The HHQ-Chipper with horizontal infeed is well suited for any log length from shortwood up to tree length.

The unique chipping geometry and optimized cutting speed produces thin and square shaped chips, ideal for modern cooking and/or refining process. The horizontal feeding of logs through a large spout with a controlled conveyor speed keeps the logs stable and correctly oriented to produce superior chips. This minimizes the creation of oversize chips and ensures uniform chip sizes. Chips are gently discharged from the side of the unit to minimize the creation of pins and fines.

Chip quality with high throughput

The chipper is the most important single machine in the woodyard since chip quality is produced by the chipper. ANDRITZ produces a range of chippers including both gravity-fed and horizontally-fed units. The rugged, modular design contributes to the total economy of the ANDRITZ HHQ-Chipper horizontally fed chipper. The direction of the chip discharge can be configured to suit different layout arrangements. A large hatch and integrated tools for knife changes assists in fast, easy, and safe maintenance.

Type	S	M	L	XL	XXL	EXL
Capacity (m^3 sub/h)	50 - 200	125 - 300	150 - 350	250 - 400	150 - 350	300 - 500
Chip length (mm)	14 - 34					
Disc diameter (mm)	2,328	2,758	3,046	3,360	3,360/3390	3,870/3,970
Spout width (mm)	590	720	855	855	975	975
Number of knives	6/8/10	8/10/12	8/10/12	14/16	10/12	18/21*
Rotation speed (rpm)	348/383/421	292/316/348	265/292/316	226/249/274	249/265/292	205/220/237
Rated power (kW)	4×200	4×250	4×315	4×315	4×400	4×400
Moment of inertia (kg·m^2)	3,500	8,200	13,700	21,500	22,000	41,400/49,000
Total weight w/o motor (kg)	12,500	18,500	23,500	30,500	31,000	37,500

*** 21 knives used only when the feed consists of small diameter logs**

BENEFITS

- Superior chip quality at the highest throughputs
- Minimum fines and pins generation
- Outstanding runability
- Reliable operation and easy maintenance
- Flexibility as process needs and chip sizes change

HHQ-Chipper 3d layout



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