

Chipper Canter Head



AriVislanda's Chipper Canter Head is undoubtable the best on the market due to the best chipper quality and that it fits into most chipper canter.

Today there are more than 100 machines with AriVislanda heads, these machines are both AriVislanda and other manufactures that have been converted.

The head can be set up with 6 or 4 straight knives and with pre or post cut-

ting saws.

The head has been wind tunnel tested to confirm that it does not produce any fan effect that might contribute to over pressure and problems in the chip chute.

The straight knives are quick to change and sharpen.

The knives can also be changed between right and lefthand heads before grinding.

AriVislanda chipper heads actually give better

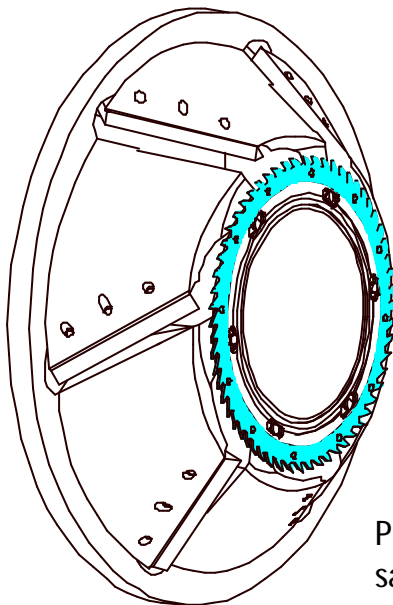
The tests made by AriVislanda before the introduction of the chipper head showed a marked improvement of the chip quality.

The following tests that AriVislanda made at several sawmills during various circumstances confirm the earlier results.

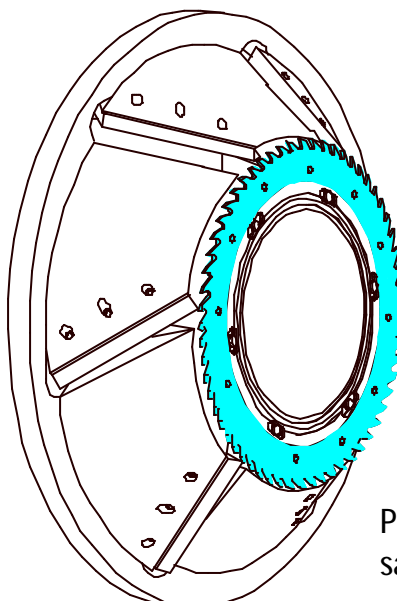
The acceptance chip fraction is very high for all alternative of saws.

Changing chipper heads irrespective of manufacture of the chipper canter, is an investment with extremely short pay-back time.

Chipper canter type	Saw alternative	Fraction				
		1 Overbig >Ø45 mm	2 Overthick >8 mm II	3 Accept >Ø7 mm	4 Pins >Ø3 mm	5 Saw dust <Ø3 mm
BKR-600B	Post-cutt.	0,1%	4,1%	87,0%	6,6%	2,2%
BKR-600B	Pre-cutt.	0,1%	1,5%	81,6%	10,8%	5,9%



Post cutting
saws



Pre cutting
saws

How the tests were done

The problem with making chipper tests is that there is no uniform standard on how the logs being reduced should look, or how much shall be reduced. It is normal that a big log that has been reduced a lot gives a bigger acceptchip fraction and less sawdust than a small log that has been reduced a little.

To come round this problem AriVislanda has developed their own method. First a block with dimensions 100x100 mm is sawn and after that the chipper reduces a 22 mm "board". This way does not reflect the reality, but it gives a uniform starting-point to compare different chipper alternatives and different working circumstances.

All chip tests has been taken direct under the machine i.e. before the screen and red-screened according to SCAN pinchips method.



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