

Can-Drive saw blade drive system—a new way of cutting

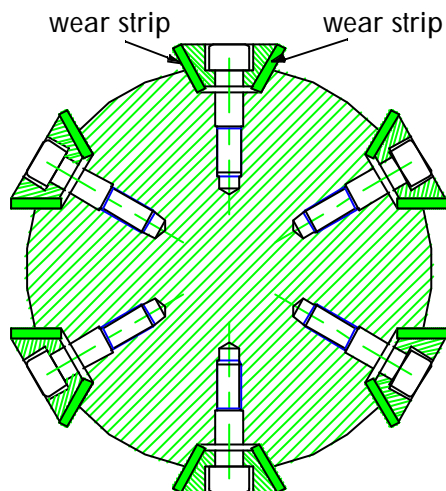


Can-Drive is a North American invention of which AriVislanda has the license agreement in Scandinavia.

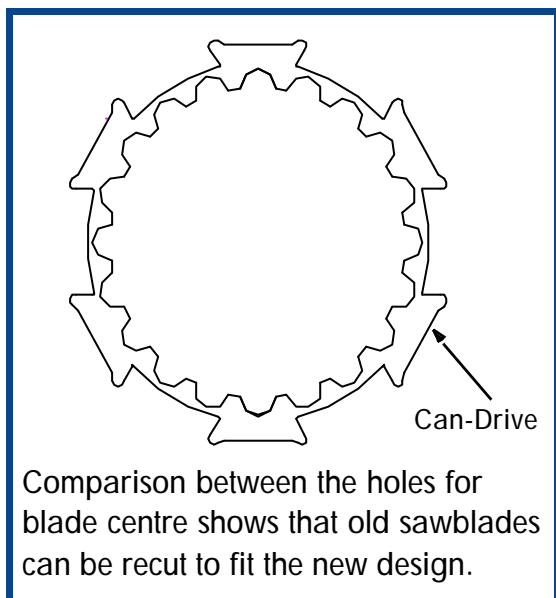
In the Can-Drive system the sawblade is "pulled" through the lumber during cutting as opposed to being "pushed" as with old designs.

The replaceable wear strips increase the lifetime of the arbor due to no contact between arbor and sawblade.

- Pulling force in the sawblade centre
- Improved stability of sawblade
- Increased endurance of sawblade
- Increased endurance of saw guide
- Improved accuracy
- Replaceable wear strips
- For both climb and counter cutting



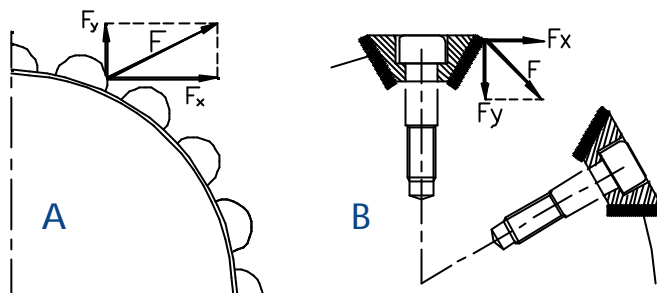
The Can-Drive system has wear strips in the contact points with the sawblade. This solution minimizes the wear of the arbor.



The Can-Drive arbor has a symmetrical form which enables both counter and climb cutting.

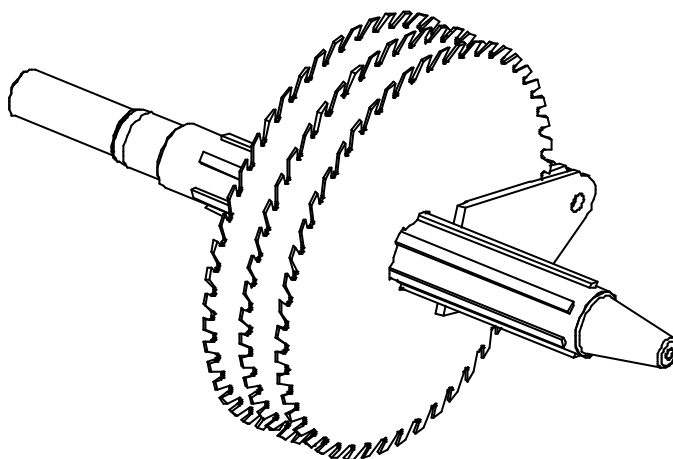
The centre of the sawblade is more stable in the Can-Drive design compared with conventional systems, and this enhanced stability gives increased endurance of blades and sawguides with resultant increased cutting accuracy.

AriVislanda has made prolonged and detailed tests both in our workshop and in production at SAEF AB. All tests have yielded very successful results.



A: Old design with "pushing" forces

B: Can-Drive system with "pulling" forces. The force F_y which points towards the centre has a positive effect on the sawblade's stability during cutting. This design centers the sawblade perfectly and distributes the force equally around the centre.



Rebuilding kits are available for the DS-70 series, DS-509 and primary log edgers

For more information please contact AriVislanda After Sales.



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