

DIA V-tech

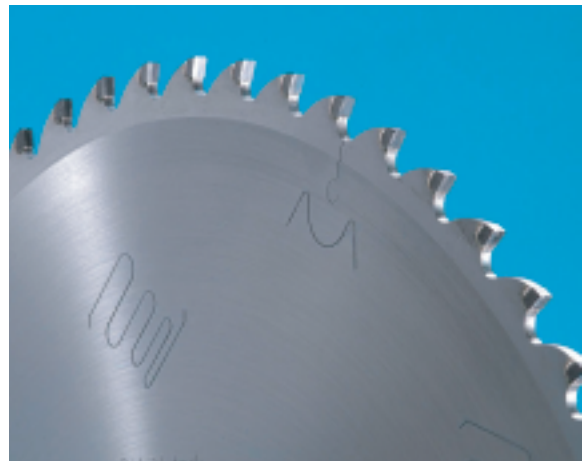
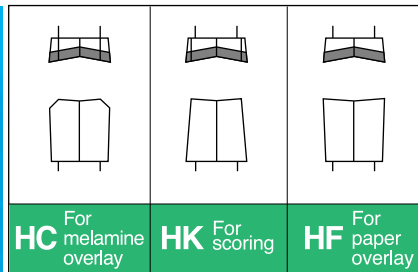
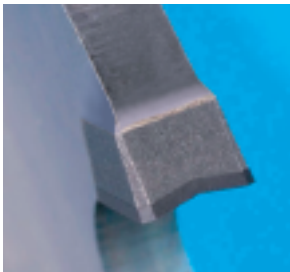
(PCD Panel Sizing Sawblade)

Patent pending

EP02022952.2

Features

- 1) V-shaped rake and clearance face for better cutting quality.
- 2) Single tooth design★ allows a reduction in the number of teeth.
- 3) The symmetric tooth shape leads to less vibrations and therefore less noise during operation and longer edge life.
- 4) Tooth shapes HC, HF and HK are available.



Applications

Material: Raw or double sided melamine, CPL, HPL, veneer or paper backed chipboard or MDF

Machines: Vertical and horizontal panel sizing machines with or without scoring saw, table saws

Benefits

- 1) Superior cutting quality; even better than carbide tipped sawblades
- 2) Longer edge life than conventional carbide or PCD tipped sawblades
- 3) Attractive initial purchasing cost and low ongoing cost for resharpening

Quality of cutting surface

10 magnifications

Product	Number of teeth	Tooth shapes	MDF overlaid with melamine		chipboard overlaid with paper	
			Exit	Entrance	Exit	Entrance
DIA V-tech	50z	 HC HF				
Conventional DIA	60z	 BC				
Conventional carbide	72z	 A15				

(★The opposite to the single tooth design is the group-tooth design. Group-tooth design such as ATB require more teeth, because one tooth cuts only one side of the board.)

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