

## TCT CIRCULAR SAW BLADES FOR FOUNDRY AND EXTRUSION PLANTS

The aluminium working process on plants for billets, pigs and plates cutting, needs reliable circular saw blades able to combine high performance and wear resistance in order to extend their working life before the routine mantainances.

Thanks to a specific developement of tips geometries and the high quality of materials utilized in these tools production, Starcut has reached some considerable results to extend the life of its TCT and segmental circular saw blades (diameter from 900 mm to 1500 mm) normally used on plants for standard and special alloys cutting.



In aluminium extrusion plants, on the other hand, this kind of tool needs not only a good wear resistance and high performance, but also a very good cutting finishing.

For its TCT circular saw blades (diameter from 550 mm to 900 mm), set on hot saws and finishing saws, Starcut proposes particular tip geometries and high quality carbides in order to guarantee high performance and a very good cutting finishing on aluminium profiles, special alloys or extrusions with particular shapes (e.g. heat sinks )

These tools are currently used with a very good result on several plants of italian and foreign aluminium extruders (e.g. Cometal, Omav and Turla plants).

## Profiles

### TCT CIRCULAR SAW BLADES FOR CNC MILLING MACHINES



Both on CNC milling and double head sawing machines the accuracy and the good cutting finishing are the required elements for TCT circular saw blades used in aluminium profiles cutting process.

These results have been reached by Starcut thanks to specific constructive parameters and close tollerance in these tools production, such as the balancing, in order to obtain the absence of any vibration or noise during the cutting process.

Thanks to an accurate control made on each tool, Starcut can supply high quality TCT circular saw blades fit for every CNC milling machine (e.g. Tekna, Emmegi, Fom, Mecal, Ferrari, etc.) and able to meet the cutting requirements of several users in the field of aluminium profiles processing.

## SPECIAL TOOLS FOR WOOD-WORKING PROCESS

The excellent cutting finishing and the resistance to prolonged working process are the main characteristics which distinguish the new line of tools offered by Starcut for the first wood-working plants.

Tct saw blades by Starcut for strippers and ripaws are projected and built (both on drawing and on sample) with a particular care in order to guarantee a precise and fast set on the machine.

The care in finishing and the high quality of used materials in production make these tools fit for working on the main wood-working plants, such as Bongioanni, Ewd, Artiglio, Link and Costa.



## Panels

### SAW BLADES "PSD Plus" FOR SAWNDWICH-PANELS

Starcut presents its new line "PSD Plus" TCT circular sawblades (diameter from 300 to 500 mm) fit for aluminium and steel sandwich pannels dry cutting

These saw blades, projected for non-stop cutting process in big automatic plants, are built with special materials and specific characteristics in order to obtain a high number of cuttings.

Reliability, precision and endurance make these tools fit for also semi-automatic and portable machines for the building industry.



### RESHARPENING AND MAINTENANCE FOR TCT AND HSS TOOLS

Already available for the ones who use TCT circular sawblades from 100 to 2200 mm, HSS sawblades, bandsaw for wood, metal and plastic, milling cutter and tips for aluminium, wood and plastic, Starcut offers now a new service for resharpening and supplying of steel circular knives fit for paper, cardboard, tissues, gum and aluminium cutting.



#### FOR MORE INFORMATION:

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