SAWING MADE IN GERMANY

JIGSAW, RECIPROCATING SAW **Product characteristics**

STAR teeth

Conically ground blade, teeth triply sharpened. Benefits : Extreme fast, precise and clean cuts il all wood and plastics.







TWINCUT teeth

Ideally applicable for metal sheets treatment, pipes and profiles with a thickness over 2mm and dismantling of wood with nails/screws. The perfect twins : robust and agressive and twin-cut toothing. There is a continuous change between a very agressive tooth with a deep chic space and a very robust tooth with a flat chip space thus allowing a maximum speed and stability.

XLS technology : TWIN-CUT reciprocating saw blades are manufactured from a new powder metallurgical high-performance steel. The physical features of this XLS material make essentially smoother structures at the cutting edges of the teeth in the micro range.

With the XLS technology feature : thougher hardness treatment, better heat resistance, sharper longer.

CHOICE OF TEETH / APPLICATION



CHOICE OF BLADE MATERIAL / APPLICATION



CHOICE OF SAW LENGTH

Blade length : material thickness + 50 mm Always keep 2 or 3 teeth in the material.



GLOSSARY PICTOGRAM





Rough cutting



Perpendicular cutting



Scribe



Reversed

teeth





cutting



Long life

KIND OF TOOTHING



Grinded (or sharpened) teeth, conically ground blade.



Grinded (or sharpened) and side set teeth.



Milled and side set teeth.



Milled and wavy set teeth.

CLEAN AND THIN CUT

FAST AND ROUGH CUT

The milled and wavy set teeth keep contact with the material to cut, avoiding jerks and allowing thin and straight cut in thin material boards.

• The milled and side set teeth cut roughly with high speed in

wood, aluminium, non-ferrous metals and plastics.

TEETH DIRECTION



Regular toothing On Pull



Reverse toothing On Push Very clean and splinter-

proof surface cut

DOUBLE TEETH



Ideal for curved cutting



cut. The conical body of the blade leaves a gap between material and blade. Because of the gap, the chips get off and the blade cuts fast.

FAST CUT AND CLEAN

FAST AND ROUGH CUT

The sharpened teeth cut the wood fibres that warranties a high speed cut especially adapted to wood cutting.

The perfect aligned teeth allows a fast, precise and straight

TYPES OF SAW

Made in Germany



High quality high-speed steel. Allows high-speed cutting. Offers high resistance to wear. Designed for hard materials.

VVVVVVVV



Steel alloy with carbon, chromium and vanadium. Chromium offers greater **corrosion resistance**. Vanadium increases the **heating capacity**. Designed for **soft materials**.

CARBIDE



There are three types of carbide saws: carbide-encrusted saws, saws with added carbide teeth or saws with added carbide strips. Carbide blades show **high performance and make it possible to cut hard and/or abrasive materials**.

DIAM

The DIAM blades are diamond gritted. Theses blades especially suit very **hard and/or abrasive materials** like composite materials.



Bimetal refers to an item made of an assembly of two distinct types of steel, as opposed to alloys. The structure gives saw blades the best combination of cutting speed and durability, because the benefits of each type of steel are used where they are valuable: the teeth are harder and offer high cutting performance, and the blade is more flexible, harder to break and stronger. The life of bimetal saws is twice to ten times that of HSS or HCS blades.



The latest design of a curved blade shape perfectly supports the natural orbital movement of the reciprocating saws thus allowing a high power transmission. Likewise the teeth are cutting into the work piece with the best angle possible based on the curved blade. They saw more effectively and thus achieve a better removal of the splints and a slower wearing down. Yan can perfectly utilize the length of the blade: there are up to additionally 10% of the teeth cutting into the work piece compared to a straight blade of the same length.

Benefits :

Faster working: cutting speed increased by up to 30%, more cuts: longer lifetime up to 25% compared to those blades with a straight shape.