New Carbide Tipped Saw Blade for Reciprocating Saws:

SPITZNAS responded to a specific customer requirement and developed a new saw blade – in co-operation with a long-standing partner. This saw blade was specifically developed for cutting plastic.

Type: 9 2504 0460 (630 mm) and 9 2504 0470 (700 mm) (additional dimensions on request)

A well-known chemical company had to cut hardened plastic horizontally at a lateral pipe system. This was required when changing material and batches for manufacturing plastics. In the particular situation only a small gap of approximately 10 mm between two flange halves was available. A corresponding machine, a suitable clamp device and an appropriate saw blade was required.

Our customized solution was the following combination:
- our **Pneumatic Reciprocating Saw**, ATEX approved for explosive areas,
- a **Clamp Device** and
- a specifically manufactured **Saw Blade**.

The **Saw Blade** is robust and has a high durability, as it is carbide tipped.

Compared with standard saw blades, its inherent stability is drastically increased by a bigger saw blade diameter.

Though the saw blade is thin (1.6 mm), it is best at working quickly, because of low material removal.

Another advantageous option is the use in narrow spaces.

The coarse tooth pitch of 2-3 teeth per inch avoids that the working material clogs the tooth pitches of the saw blade. The work can be done continuously.

The additional cooling during cutting decreases the friction and the cutting temperature.

The use of a clamp device with guide bow allows square cuts, regardless of the position of the pipe to be cut.