



GLASSINSIGHT

Improving Performance In Glass Production

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www.pyrotek.info/glass

PUTSCH® SHEAR BLADE SYSTEMS DELIVER HIGH PERFORMANCE FOR GOB FEEDERS



Putsch® with worldwide headquarters in Hagen, Westfalia, Germany is one of the world's largest manufacturers of shear blades for gob feeders. Putsch products cut over 20 billion gobs of glass each year at glass production facilities worldwide.

Shear blades, for single, double and triple gob applications for bottle, containers and other special glassware applications, are available from Pyrotek.

The requirements of the North American market promoted the establishment of a Putsch manufacturing plant in Asheville, North Carolina, USA in 1973. Production began in 1975, and this facility quickly acquired new markets for Putsch machinery and equipment.

Putsch blades offer a range of process benefits: Optimum cutting dynamics are provided with partial flexibility in the clamping area, combined with the tempered cutting area.

Parallelism and planimetry of the cutting edges are within tight tolerances to maintain minimal and consistent stress on the cutting edges for superior operating reliability.

The blades are specially tempered to obtain a wear-resistance by a balanced share of hard metal tungsten carbide in the metal alloy, which ensures excellent emergency performance following any temporary thermal overload. Due to their special metal alloy, Putsch shear blades are more resistant against damages during installing and adjusting, and considerably less sensitive to pollution in the molten glass.

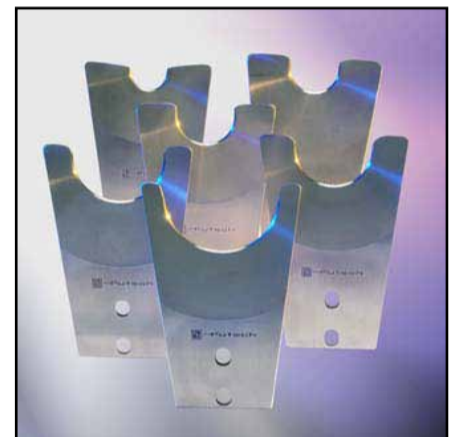
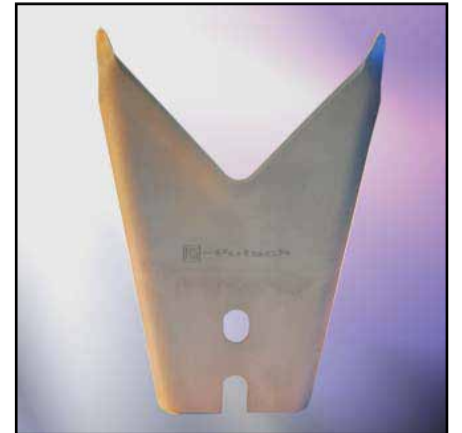
Effective cooling agent adhesion is obtained due to the matted shear blade surface that allows adjustment of the shear blade temperature to ensure an optimum cutting result.

The blades show high form stability under stress due to the arrangement of side stamping developed from practical experience.

Regrinding is possible with high quality Putsch blades. The reground blades have equal performance to new blades and thus, lower the unit cost.

Individual customer requirements are satisfied through the company's 130-year experience in industrial blade production combined with its current, outstanding modern production process.

Pyrotek Inc.: www.pyrotek.info/putsch



Selection of Putsch high performance shear blades for gob feeders