



SC55 | SC65



AL

PVC

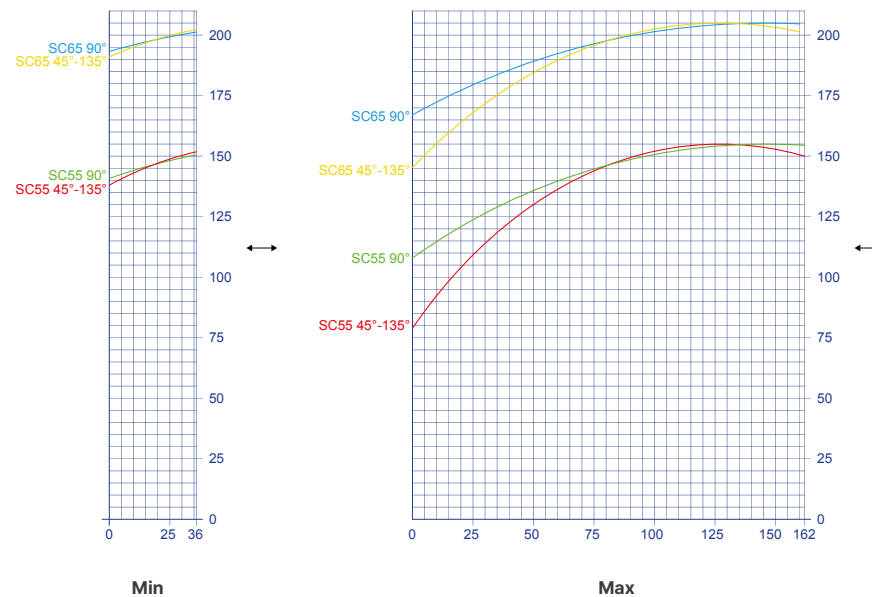
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CNC cutting center with 1 controlled axis, designed to cut PVC profiles with the highest cutting speed and quality.

The machine loads the profiles from the bar stock, cutting and unloading the workpiece, in complete autonomy and without operator assistance. The working direction is available according to customer requirements, from left to right and vice versa. The software, developed entirely by Pertici Industries, ensures improved management of the work cycle and cutting lists, automatically interfacing with the main cutting list processing programs available on the market.

The automatic bar loading unit has a capacity of up to 10 bars with a maximum length of 6.6 m and is equipped with a bar presence detection device. Thanks to the arrangement of the belts, short lengths of up to 400 mm can be loaded. The cutting unit with $\varnothing 600$ mm blade (SC 65) and $\varnothing 500$ mm blade (SC 55) performs cuts at three main angles, 45° - 90° - 135° (intermediate degrees as an option).

The profile is clamped during cutting by a special centering device, which allows the blade rotation center to be positioned in the center of the profile section, so that even wedge cuts can be performed automatically. The cutting unit is fully guarded with a front door for free access to the cutting area for calibration, cleaning and maintenance purposes. At the rear, the center is equipped with a special evacuation system for cutting waste and swarf. The automatic unloading unit places the cut pieces in a special storage bench equipped with a safety photocell with a capacity of 12 pieces.



TYPES OF CUTTING

