

# Double Miter Machine

## General Principles to Observe

Perform careful regular inspections and conservation of the circular saw. Provide its immediate repair or substitution when cracks or other defects are detected.



Guarantee the existence of a protective cap on top of the cutting saw, in order to prevent contact with it, also allowing the observation of the cutting line. This protective cap must have incorporated a localized vacuum system.

Guarantee the existence of an opening wedge, in regulation of the saw, in a way to impede contact, and posterior protection with important residues with the respective teeth.

The machine can only be used by trained personnel.

Be attentive to the dangerous part of the machine, the cutting zone.

Use a presser, in order to fixate the wooden piece that is going to be cut, preferably transparent in order to allow the observation of the cutting line.

Guarantee the location of an effective aspiration system in order to prevent wood dust in the work place.

Always justified use a line marker of laser cut, in particular, during the cut of borders/extremities of the piece.

Never leave the machine alone until it has stopped.

## Risk Factors

**Collision as a result of moving objects (including fragments and particles)**

Protection from wood particles and/or residues during or in the cutting process. Rejection of the wooden piece during the cut.

**Exposure to noise**

**Exposure to chemical agents**

Dust resulting from cutting the materials.

**Impacts against moving objects**

Cuts resulting from contact of superior members with the moving saw.

**Falling objects**

Falling objects in the course of the maintenance/cleaning task.

**Excessive effort**

Effort resulting from the elevation and manual movement of pieces of wood.

**Risk of inhaling wood dust**

**Crushing/getting between an immobile object and another moving one**

## Individual Protection Equipment

Safety glasses

Hearing protectors

Safety gloves

Protective shoes

Safety mask