

CG APPLICATIONS

CARLO GAVAZZI



Application Note: April 3rd 2009

Market involved : Wood

Product : NST02C Safety module for sensitive mat monitoring

Customer : Big woodworking machinery manufacturer

Subject : Operator safeguard around wood working machine

CUSTOMER ISSUE :

In wood treatment applications, when dealing with dangerous routers, the operator is to safely operate in one zone of the machine and, at the same time, the machine is to keep working in another zone.

OUR SOLUTION:

Two safety mats have been placed along the floor in front of the machine and each mat is monitored by one NST02C.

When the mat in front of the router is active, the second one is muted: if the operator violates the dangerous area, the corresponding safety module stops the whole working process.

ACHIEVED BENEFITS:

Flexibility and reliability of the production: to ensure the operator safeguard when dealing with the machine, it is not needed to stop the process.

Down time reducing.

Performance level "d" according to EN 13849-1:2007.

