



ISTITUTO NAZIONALE PER L'ASSICURAZIONE
CONTRO GLI INFORTUNI SUL LAVORO

English Summary:

Software series: Safety of machinery

Inail – Department of Innovation Technology realized 4 software tools regarding main issues concerning safety of machinery:

- EN 13857 Safety distances to prevent hazard zones being reached by the upper and lower limbs;
- EN 13855 Positioning of safeguards with respect to the approach speeds of parts of the human body;
- EN 60204-1 Electrical equipment of machines – Part 1: general requirements;
- Annex V, 81/08 Decree (General requirements for not CE marked machines).

These tools allow the user to check if main requirements contained in the standards are satisfied. Moreover, it is possible to verify if a distance from guard to hazard zone is compliance with standard requirements; then it is possible to verify the position of an optoelectronic device and so on. These software tools spread safety knowledge and guide towards adopting safety measures, with calculations and reports. These products aim at improving safety of machinery and work equipment and they are consistent with Inail research, prevention, culture and diffusion of information concerning safety at workplace.

<https://www.inail.it/portale/prevenzione-e-sicurezza/it/come-fare-per-migliorare-la-salute-e-la-sicurezza/software/software-per-la-sicurezza-del-macchinario.html?all=true>