Welding trAining
In a Virtual Environment

Give

relief

to your welding

training

CS COMMUNICATION & SYSTEMES

MÁTRA HEGESZTÉSTECHNIKAI ÉS SZAKKÉPZÉSI KFT

Welding workbench

The welding workbench is the main CS WAVE training tool . It is a robust motorised piece of furniture offering a large screen display system and equipped with genuine welding tools. These tools enable the trainee to simulate welding exercises and navigate within the interface of the platform.

Versatile

The CS WAVE workbench simulates GMAW and SMAW welding. Each workbench is multi-purpose and may be used to teach a variety of processes
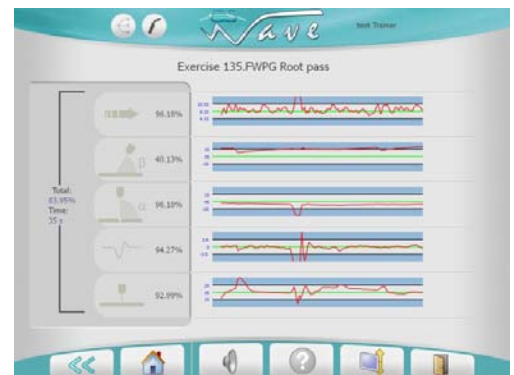
Adaptable

The visualisation system is motorised and may be positioned horizontally or vertically enabling a wide range of exercises to be carried out.

Educational

The welding workbench is also an excellent educational tool to assist the trainer. It provides several tools so that trainee mistakes and progress may be analysed.
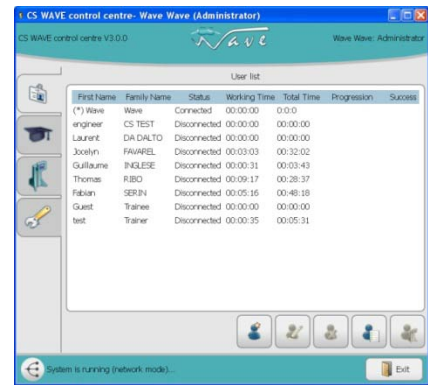
Connected

Each workbench offers network connection. If a network is installed, the workbench may be identified and can communicate with an existing CS WAVE server. Automatic updating and centralised storage of results are carried out in real time.

Control centre

The CS WAVE control centre is the trainer's essential tool. It enables trainees to be monitored and supervised and their progress to be analysed during a training course.

Control

The control centre offers overall monitoring of the use of CS WAVE in real time. The control centre's interface has been designed to be as legible and user-friendly as possible
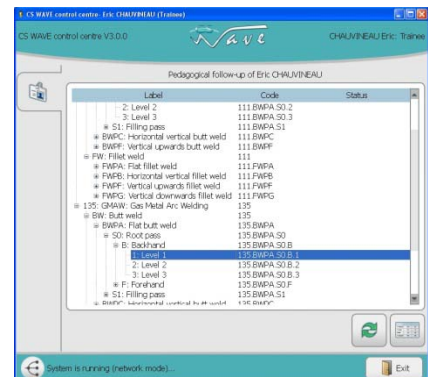
Analysis

Detailed analysis allows the trainer to view the cause of mistakes and to analyse how the trainee is progressing, setting by setting.

Guidance

The trainer may also set the various training stages and modify them at any moment, thereby adapting the training course to the individual learner's particular needs.

Server

The CS WAVE server is the storage centre for teaching information. It contains the reference data base which describes each exercise in detail, defines each user and keeps a record of all trainee results.

The server ensures that messages are transported and managed with the welding workbenches and the control centres. If the workbenches must be installed on the same local network as the server, the control centres may be remote.

WEB

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Contact

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Systems required

Server
Independent PC
recommended:
Pentium III
512 Mo RAM
Hard disk 80 Go
Windows NT, 2000, XP

Control centre
Pentium III
256 Mo RAM
80 Go Hard disk
Windows NT, 2000, XP

CS WAVE, winner of « Productivity excellence» prizes
during the international fair : INDUSTRY 2004.

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