



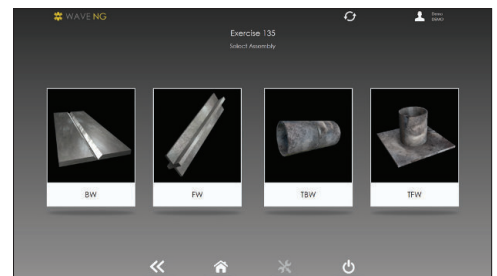
Welding with zSpace

Supporting Industry Certification

Mimbus Wave NG Welding provides students with hands-on training in welding gestures, through a series of exercises performed with a hand-held welding simulator. Students receive multi sensory training, allowing them to weld from multiple angles and master the fundamentals of welding. Compared to traditional welding training, students using Mimbus Wave NG Welding experience less equipment breakage and wear, as well as less risk of injury. When welding students learn with zSpace, there is a 50% decrease in time needed to complete training and schools realize a savings of up to 30% of consumable costs. **When combined with the American Welding Association's standards and training, schools can expose ALL students to welding careers.**

Features

- Realistic gestures using a torch handle
- Training on 30 cm long workpieces
- In-depth tracking and analysis of angles, speed, and arc length
- An environmentally-friendly and safe experience
- Ability to track and adapt each student's learning path using the Vulcan student learning management platform



zSpace + **Mimbus**

Learn more online at zspace.com

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Case Studies

National Association for Adult Vocational Training



AFPA counts more than 8300 employees and more than 185 training centers. More than 60 of them are conducting welding training. Students train daily in MAG over a course of 28 weeks.

Benefits

Students who used Mimbus Wave NG Welding for 30 minutes a day, used less material and energy compared to traditional forms of training, but also learned the gesture technique when they arrived in the workshop in half the time.

CATERPILLAR



CATERPILLAR has several plants around the world, and most of them have their own training center to provide a final training to the newcomers and to recertify the existing welders. They decided to install Mimbus Wave NG Welding in one plant, where they have around 130 new welders to train each year.

Benefits

Reduced training cost (raw materials, salary for recertification) and improved training quality. In addition, trainers had more time available to work on other things while Mimbus Wave NG Welding trained the trainees.

