

Machining simulation center

An innovative and flexible training system

Machining training (either for beginners or for experienced workers) is key to maintain the know-how of production teams and to improve their skills.

Challenge

For training centers, the challenge is to provide trainees attractive learning tools, at low operating cost which duplicate machining centers currently used by industry.

For companies, current training sessions are performed on actual production equipment with expert operators. This creates non-productive periods for the equipment. This adversely impacts productivity with the added risk of potentially damaging production equipment.

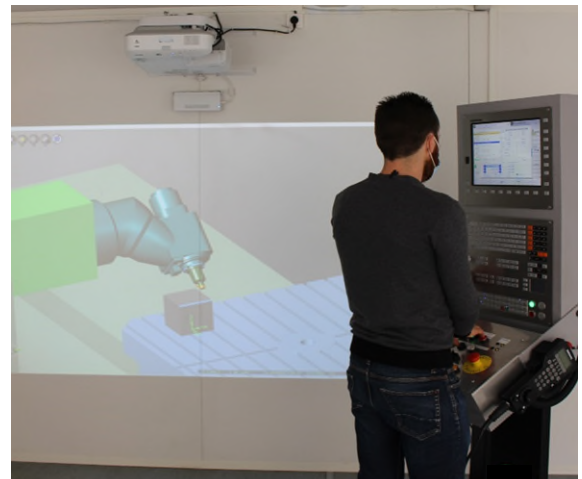
For training centers and for companies, more effective training periods and acceleration of worker autonomy are key differentiators.

Solution

Framatome proposes an innovative solution using a complete machining simulator. This system enables to train or qualify workers on the machining centers they will use. The simulator consists of a fully representative operating panel, paired with a simulation and visualization engine. On an interactive screen, trainees see the image and true movements of the machining center.

Cheaper than the actual industrial equipment, this simulation center is also cheaper to use (no material to buy) and maintain. It allows trainees to practice without risk of damage to production equipment; and thus, helps them develop confidence even during their very first training sessions.

Trainees can quickly drive their learning experience in autonomy.



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Customer Benefits

- Purchasing, costs of operation and maintenance **costs cheaper** than a real controlled machining center
- **Fully representative** of actual equipment (control panels, command language)
- **No production loss** during trainings
- **Reassure trainees** and help them become autonomous
- Simplify management of training schedules and validation of skills improvement
- Allow training of manufacturing teams before receiving a new machining center
- Scalable training tool
- Enable testing new machining programs before issuing to production teams

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is our everyday **commitment**

Contact : g-fra-pcm-sales@framatome.com
www.framatome.com

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