

New Pneumatic Equipment at Riverside College set to Improve Training Techniques in Manufacturing

Riverside College is the owners of new state of the art equipment thanks to funding from Automotive Northwest. The purpose of this new technology is that it enables students and employees to gain hands on knowledge and experience of manufacturing systems.

It has been supplied by Famic who are the specialist sales partners of SMC Pneumatics. SMC Pneumatics are world leader in innovation and the sales of pneumatic and electro pneumatic components for industrial automation. They provide equipment orientated to the development of professional expertise.

The equipment purchased by Riverside is made up of a five axis robotic arm a portable, a portable Pneumatic Training Rig and the MAS200. This equipment is some of the latest technology which helps bring all aspects of the manufacturing environment and the learning environment closer together. This equipment can be programmed by learners to help teach them the vital principles of manufacturing.

The Five Axis Robot for example can be programmed to do a sequence of activities similar to that in a the manufacturing environment.



Five Axis Robot

These systems give a hands on approach to learning valuable automotive and manufacturing principles that are necessary in a working environment.



MAS 200 System

The MAS200 pictured above is made up of six working stations that can be programmed to work together or separately as six individual working stations.

It can be programmed like an actual manufacturing production line, to do a variety of tasks. These include:

- Operator Training,
- Fault Finding,
- Supervisory Systems,
- Business Improvement Techniques,

...and much more.

Phil Cooke Training and Development Manager at Riverside College states "The purchase and installation of this innovative equipment, using funding obtained through the Automotive Northwest Cove, presents an exciting opportunity for Riverside College, and it's partners, to further meet the needs of the business community by enabling us to provide training, from foundation level to level 3, in Pneumatics, PLC, Programming, Robotics, Flow Process and Fault finding." This state of the art equipment enables students to learn new skills in a practical hands on way and enables employees to be up skilled in automotive and manufacturing techniques.

If you are interested in training your employees on these systems or for any other information please contact Phil Cooke at Riverside College on 0151 257 2087.