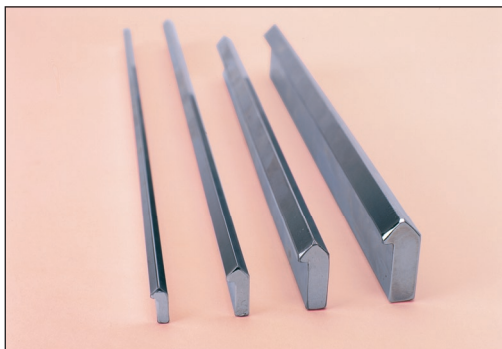
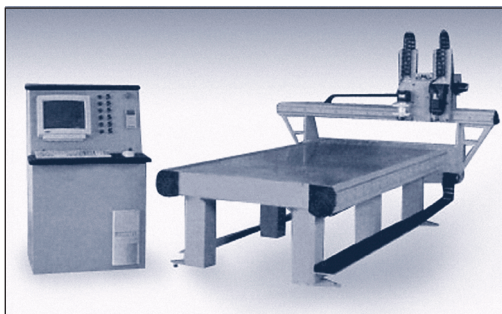


## Wood Working Equipment

### Application Profile



### Ease of Installation, Quick Field Adjustment & Durability Provide Performance Advantages

#### Challenge

In an environment of dust and larger particles where 600" per minute is required and loads can vary by machine from 50 to 300 pounds, quick field adjustment and durability are important.

#### Application Description

A three axis xyz movement router allows for a complete range of cutting actions in various materials including wood, plastics, composites, aluminum, non ferrous metals, ceramics, foams, etc. A computer controlled router includes spindle(s), software (both cad-cam and controller), a control cabinet and various sized tables.

#### Solution

This customer uses six wheels on each slide plate to assure long life and rigidity. DualVee® provides x and y axis movement on the machining table along with z axis motion of the cutting tool.

#### Products Used

- Eighty to One Hundred (80-100) DualVee wheels on each machine
- Appropriate length of track to match machine table sizes 4' x 4', 4' x 8' and 5' x 10'

DualVee Motion Technology® components perform at operating speeds in excess of 30 feet per second and a temperature range of -20°F to 500°F.

A wide range of guide wheel products are available from stock, including stainless steel and high temperature compatible. Special lubricant requirements can also be accommodated.

Suitable for a wide range of industrial applications, DualVee guide wheels have a proven track record when it comes to operating in difficult environments.

Contact us to discuss your specific linear motion needs: 888.580.8272 – or visit us online at [www.bwc.com](http://www.bwc.com)

(Catalogs may be downloaded directly from [www.bwc.com](http://www.bwc.com))