

# Introducing the Wave-Router™

CVD Diamond Coated Compression Routers, Engineered for Performance



## Case Study: 787 Window Panel Composite Trimming

Our solid carbide, CVD diamond-coated compression routers deliver industry-leading performance in **feed rates, tool life, and part edge quality**. Combining an up-cut and down-cut into a single milling cutter allows for a finish-edge quality in one pass, dramatically reducing delamination and fiber whiskers—all while increasing productivity!

### Typical Speed & Feed Rate with a .375" Router in Aerospace CFRP Applications:

- 6,000 RPM
- 100+ IPM

### Additional Features & Benefits:

- Standard diameter sizes typically available in stock: .250", .375", .500"
- Routers are designed to trim and pocket mill, side cut, and ramp in.
- CVD diamond coating provides best-in-class tool life.
- Custom diameters, lengths, and geometries available upon request.
- Cutwell Engineering provides design, testing, and onsite performance support as needed.

