The Impact Resistant Head, a solution to a common problem that occurs during the programming and set-up of five axis machines. At some time or another you will run the head into the fixture, causing it to go out of alignment or possibly even damage it. With Thermwood’s Impact Resistance Head, the problem is all but gone.

When the head is crashed into the fixture, just move the machine away from the part, reset the e-stop and you are ready to continue with no permanent damage and, seldom, if ever, a requirement for realignment. Regardless of how you develop your programs or how careful you are, some time or another, you will crash the head. How the machine handles this is the difference between a non-event and perhaps days of downtime, should the head require repair or replacement. The Impact Resistant Head is patented and only available from Thermwood. Your CNC router is only as flexible as your CNC control. Thermwood is the only major CNC router manufacturer that designs and builds its own CNC control, a control so advanced it is used by aerospace, defense and even NASA for some of their most demanding applications. This control is designed from its very core to operate a CNC router,