DAVID CLAY, FOUNDER

My name is David Clay and I am the founder of Vector Corporation. My machining story goes back many years and begins at the age of 14 when I signed up for a high school machine shop class. Every once in a while, you come across someone who changes the course of your life – my machine shop teacher did just that.

The shop had a nice variety of machines to work with, even if half of them were used during World War 2. With an average class size of 30 kids, there was never any time for individual training, and most were there for what they considered an easy credit. Fortunately, I had a great teacher who wanted to share everything he knew with those who cared to learn, including me. By the time I graduated, he had taught me general machining, basic design, and some specialty skill such as tool and cutter grinding, and gear design.

My first job was at a production plant, where I produced basic parts on both manual and CNC machines. After two years, I grew bored with the easy work and was ready to learn more. I interviewed with several companies, but the jobs always went with someone older or with more working experience, so I joined the Navy.

After attending the Navy's machining school for 4 months, I transferred to a naval air station in the San Francisco Bay area. There I machined replacement parts and performed repair machining for ships and aircraft. Then, I was transferred to a repair ship where I worked as Lead Nuclear Machinist for a division that did routine and emergency maintenance work on combat ship nuclear reactors. During that time I received the Navy Achievement Medal.

When my service was complete, I came back to Utah and ran a CNC punch with plasma attachment and made internal parts for automated packaging equipment. My journey then led me to Parker Hannifin's aerospace division where I programmed, set up, and operated CNC grinders for aerospace hydraulic components. I gained experience with floor plans, machine and tooling selection, and learned to set up a lean grinding cell.

In final preparation for starting Vector Corporation I went back to school and finished my Bachelor's degree in Business Administration while working at Hill Air Force Base where I ran CNC grinders for landing gear and hydraulic equipment, including R&D on parts and processes. In 2006, Vector Corporation was born.

Vector Corporation

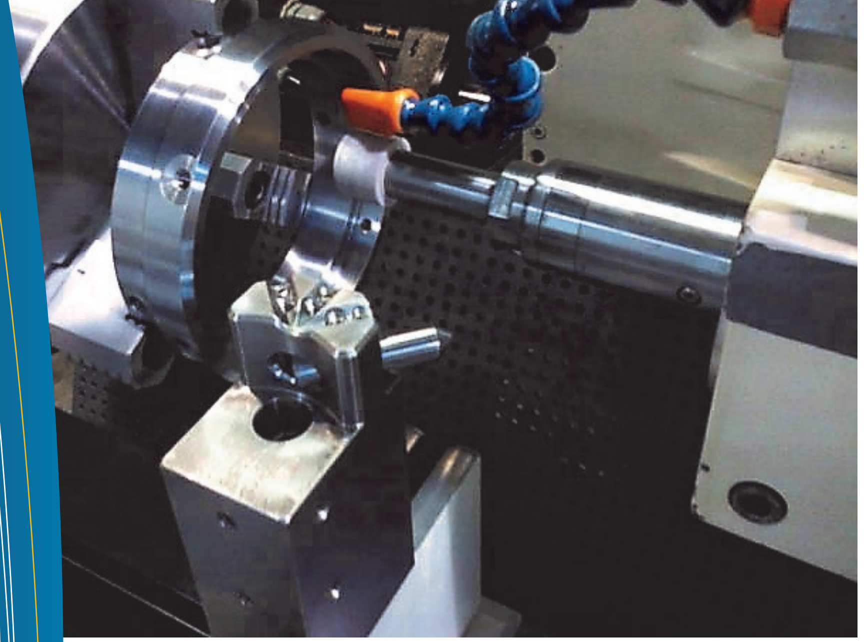
690 West 1100 South, Suite #7
Ogden, UT 84404

801.334.8742 ph
801.392.2705 fax
www.vectorcorporation.net

Vector Corporation

Precision. Integrity. Trust.

- *CNC Grinding (OD and ID)*
- *Parts, Tools, and Fixtures*
- *Top of the Line Equipment*
- *Quality Work and Reliability*



Precision. Integrity. Trust.

BRINGING YOU PERSONAL SERVICE AT COMPETITIVE PRICES

At Vector, we pride ourselves in quality work with a quick turnaround. We have years of experience in milling, grinding, and lathe work for several large aerospace and manufacturing companies. We have state-of-the-art equipment and offer full-service machining using your design, from tool making to finished product.

MACHINING SERVICES

- ANGLE/STRAIGHT WHEEL GRINDING
- LIVE OR DEAD WORK-HEAD
- O.D. OR I.D. TAPER GRINDING
- PROFILE GRINDING
- MOLD ROTATION
- TAPER THREAD MILLING
- SCROLL MILLING

Quality work with a quick turnaround

GRINDING MACHINE

Karstens K-56 CNC Universal O.D. / I.D. Grinders with Programmable "B" Axis

Grinding length:	65"
Center distance:	75"
Diameter swing:	19.5"
Max part weight:	650 lbs
RPM:	5,400 to 40,000
I.D. sizes:	.500" to 14" bores (larger bores possible)
Wheel sizes:	.375" to 6" diameter
Chucks:	6" 3–jaw adjustable, 12" 3–jaw adjustable, 2 collet systems (3–point steady rest available)
"B" Axis:	–30 to +225° (incremental by .001°)
Work-head:	0 to 500rpm (infinitely variable)
Options:	Marposs length positioning, Marposs in -process gauging system (.00005" incremental)

MILLING MACHINES

Lagun Deluxe 3L with Anilam 3300-M 3-Axis Control

Table size:	58" x 11"
X–Axis travel:	34"
Y–Axis travel:	17"
Z–Axis quill:	4.5"
Z–Axis knee:	16"

Note that a 4" riser is in-stalled. Please call for large capacities.

Kingston HD 26-120

Swing–over bed:	26"
Swing–ove3r cross slide:	17.5"
Swing in gap:	35"
Spindle bore:	4" thru

Extras: taper attachment, 20" face plate, medium and large steady rests

TESTIMONIAL

"Vector Corporation has provided my company with precision and expertise in outsourced machining and tooling for several years.

In my industry, no two jobs are ever alike. Vector rises to the occasion, meeting a consistent standard of excellence with each individual project. With state-of-the-art equipment and sheer know-how,

Vector lends its contemporary skill and service to affect my turn-around time and customer satisfaction. Vector Corporation continues to be one of my company's greatest assets."

W. Stuart Barnes, President
Surge Hydraulics, Incorporated