

#1 Silver Sage Road
Brooks, Alberta T1R 1B5
Phone 403.362.6751
Fax 403.501.0112



Manufacturing, Machining, & Engineering Services

ABOUT US:

TCB offers full-service custom and production machining services. Our mission is to be our client's supplier of choice. We can only achieve this by building strong relationships and knowing our clients business. Our commitment is to supply our clients with products and service of the highest quality that meets and exceeds their needs.

MODERN FACILITY

Located 1km south of Brooks, TCB has established a modern machine shop with both high-tech and conventional machining equipment. Investments in the latest technology ensures TCB Machining can handle the most demanding needs of our clients.

Products

OIL & GAS SPECIALITY PRODUCTS

Swabbing - Bullnose, Sinkers, Rope Sockets, Rollers, Mandrels, and Shears.

Coil Tubing - Cold Couplers, Coil Tubing Accessories, Check Valves, Velocity Jets, Mandrels, and Tubing Clamps.

Wireline - High Pressure Hand Unions and Custom Lubricator Assemblies.

CUSTOM MACHINED PARTS

Covering the full range of industrial parts, TCB Machining offers a quick turn around on small volume and single batch manufacturing.



PRODUCTION

For medium to high volumes of repeat manufacturing, TCB is ready to accommodate your needs.

REPAIR

From cylinder honing to re-threading, no job is too small.

Machining & Part Size Capabilities

CNC MILLING CENTER

- ◆ CNC Vertical machining centre, high speed machining options, 4 axis setup with 5 axis capabilities.
Sizes up to 508mm x 1016mm x 635mm (20" x 40" x 25")

CNC TURNING

- ◆ High speed turning center up to 10" and Hybrid lathe turning center up to 14"od.

TUBE HONING (New - Fall 2009)

- ◆ Production Cylinder hone capable of honing up to 12" bore and 78" in length.

DRILL PRESS

- ◆ Radial alarm drill press. Maximum part size of 5ft³ complete with rotary tables and dividing heads.

CONVENTIONAL MILLING

- ◆ Up to a maximum size of 36" x 24" x 16" depth capability with digital read out.

CONVENTIONAL TURNING

- ◆ Materials up to 48"od and 7' long or 20" and 9' long capabilities.

CUTTING

- ◆ Cutting service is available on materials up to a maximum of 13"od.

THREADING

- ◆ All Standard and Metric Thread Pitches (UNC, UNF, UNJ, ACME, Metric, Pipe, & British Standard).
- ◆ Rolled: up to 4" Diameter
- ◆ Cut: up to 7" Diameter

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Quality Control, Design, & Engineering

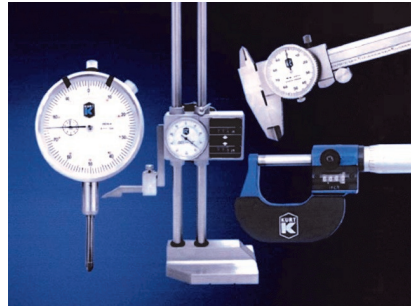
TCB CLIENT LIST

Encana Oil & Gas Partnership -
Palliser Well Service - League
Pipeline - Swab Master - Tarpon
Energy Services - Champion
Drilling Ltd. - Prowler Tubing
Service - Weatherford Canada -
Viking Wireline - Big Country
Energy Services - XL Foods -
Celtic Pride Ltd. - Sabre Well
Service - Bouchard Well Service
- Majestic Swabbing - Syntech
Enerflex - ProSwab Oilfield Ser-
vices - Cardinal Well Services -
Savanna Well Servicing - Fas-
tenal Canada - Quinterra Drilling

HOW CAN WE HELP?

If you have any questions con-
cerning how TCB can help sup-
port your prototype or contract
manufacturing requirements,
please call 403.362.6751.

For more information on any of
TCB's products or services
please visit us on the Web at:
www.tcbwelding.com



QUALITY CONTROL

All products manufactured at TCB are held to tight production tolerances and rigorous quality control. Quality control measures are in place throughout all phases of production and each piece is thoroughly examined prior to delivery. TCB Machining has an in-house quality assurance room where completed parts are inspected.

DESIGN

TCB utilizes the latest versions of SolidWorks, Cosmos, Autocad, and Virtual Gibbs. This software combination provides TCB with the full range of modeling, visualization, simulation and communication tools needed to design better products faster - and at a lower cost.

ENGINEERING

TCB has a full time engineer on staff and additional engineers are available on a consulting basis covering a wide range of expertise.

Value Added Services

TCB's industrial clients demand finished products that outperform the competition. To meet these challenges, TCB has formed strategic alliances with industry specialists to ensure that all our products exceed minimum requirements including tolerance, finish, hardness, and hard to find materials. In addition to our standard services, TCB also offers the following services;

- Heat Treating
- Industrial Coating
- Sheet Metal Forming
- Grinding
- Welding (TCB Welding)
- Global Sourcing

COATINGS AVAILABLE

Zink Plating
Hot Dip Galvanizing
Nickel Plating
Electroless Nickel Plating
Chromium Plating
Anodizing

HEAT TREATING AVAILABLE

Normal Hardening of Steel
Quenching and Tempering
Solutionizing
Precipitation Hardening/Aging
Annealing
Stress Relieving