Specialty Repair Services

Welding

Machining

Undercarriage Repair

Custom Manufacturing

More ways we are working to Partner with you

Let’s Partner Up!
SPECIALTY REPAIR SERVICES

Complete Structural Repair, Rebuilding and Custom Fabrication

If you require machining, welding, line boring, undercarriage repair or replacement service for Caterpillar and ALL other makes of equipment, Holt has the capability to quickly serve your needs, 24 hours a day, 7 days a week, at one of our specialty repair facilities or in the field.

Holt has developed expertise in areas such as restoring worn components to original specs, reverse engineering of parts or mechanical design and has acquired the specialized tooling necessary to complete most complex repairs without outside support.

Experienced technicians utilize the latest in specialized tooling to provide quality repairs and guaranteed workmanship. A fleet of specially equipped and dedicated field service trucks ensures quick customer response.

Holt’s Custom Engineered Products (CEP) Division utilizes extensive fabrication experience and all of Holt’s existing specialty resources to manufacture custom products or tailor machine modifications for unique customer applications.

TOOLING AND TECHNICAL CAPABILITY

Holt CAT machining, welding, undercarriage and custom fabrication facilities are equipped with the latest welders, mills, welding lathes and testing equipment to handle any job.

Whether your repair includes welding, line boring, machining or undercarriage work, Holt has the in shop and in the field capabilities to respond. Large repair bays equipped with heavy-duty overhead hoists can handle almost any size machine. Expert technicians, specialty tooling and a fleet of dedicated, fully equipped machining, welding, line boring and undercarriage service trucks ensure field technicians are able to efficiently to deliver in the field repair service not offered by our competitors.

With safety as a priority, all Holt CAT field service technicians maintain the necessary training and qualifications to access job sites regulated by OSHA and are familiar with what it takes to adhere to safety and compliance regulations while performing repairs on a jobsite.

Welding

From pin holes to major cracks, fabrication to thermal spray welding, Holt’s certified welders can repair your equipment to factory specifications, structural integrity and appearance.
**Thermal Spray Welding**

HOLT can repair your worn parts using thermal spray welding, which is a technology that enables the application of a very wide range of materials to provide super wear resistance, thermal barrier and excellent hot and cold corrosion properties. Thermal spray technology is a cost-effective option for repairing worn components and milling machined parts. In line of making the entire part out of an expensive material, high-performance material is sprayed onto a low-cost or worn base material. Thermal spray welding can also be used to provide improved part performance and longer wear life and is established as a lower-cost hardfacing alternative to weld cladding and chrome plating. HOLT offers a variety of thermal spray coatings (stainless steel, bronze, babbit, nickel, aluminum) and a range of hardness for a fraction of the cost of purchasing new parts.

**Line Boring**

HOLT has mastered line boring techniques for machine repairs. Line boring is a specialized welding and machining procedure that will restore any size pin and bushing bore back to original specifications. This service is available in both shop and field applications and can be performed on any equipment, regardless of manufacturer.

**Welding and Line Boring in the Field**

HOLT’s dedicated machining and welding field service technicians can quickly handle in-the-field repairs, 24 hours a day, 7 days a week. Field trucks are equipped with the latest portable technology and equipment for welding and line boring that provide top quality results backed by our long-standing reputation for quality. Automated bore welder reduces time on build-up and wire feed MIG welder, which are faster than the traditional stick welding, saves money on the repair.

**Machining**

No matter how large or small the job, our experienced machinists are able to perform precise machining repairs or manufacturing using state of the art equipment. HOLT machinists have access to traditional lathes, milling machines, drill presses, saws and grinding machines in addition to machining equipment that is controlled by computers using CNC (Computer Numerical Control) technology. Finished machining products will meet specifications set out by engineering drawings or blueprints.

Machine tooling includes boring mills for large in-shop line boring; smaller mills with 2-1/2” spindles; horizontal mills; lathes; drill presses, a 500 ton brake press; state of the art Climax boring machines; CNC lathes and other precision cutting and drilling equipment.
A.R.M. (Abrasion Resistant Material)

Increase the life and reduce maintenance cost of machine buckets, cutting edges, teeth and other high wear areas on Ground Engaging Tool (G.E.T.) components with the application of abrasion resistant material (A.R.M.). The application of abrasion resistant material (A.R.M) will result in longer G.E.T. component life. This is recommended in applications where sand, gravel or other material severely diminishes wear life of G.E.T.

Reduce Undercarriage Cost Per Hour

HOLT has the capability and experience to perform in shop or field repairs on all sizes and brands of undercarriage, including tracks for cranes.

HOLT can rebuild links and idlers, re-shell rollers and re-grouser track shoes. If you have a track roller frame that needs to be straightened, realigned or rebuild, HOLT can take care of it. A computer guided track press enables HOLT undercarriage technicians to efficiently turn or replace pins and bushings on any size machine, regardless of the brand. There is no undercarriage repair that HOLT cannot perform. When scheduled, undercarriage replacement for most Caterpillar and competitive machine models can be completed in 24 hours or less at selected HOLT facilities. This service is exclusive to HOLT CAT and is unmatched in the industry. An extensive inventory of Caterpillar new and exchange undercarriage components for select machine models helps to shorten the repair time.

Undercarriage field service trucks with 150-ton mobile track presses along with heavy duty boom trucks allow dedicated undercarriage field technicians to complete just about any undercarriage repair or replacement, in the field.

Custom Engineered Products (CEP)

HOLT CAT’s Custom Engineered Products division is known for being able to take unique customer problems and turning them into custom designed attachments, tools, components and special application machines. The Custom Engineered Products division has at its disposal the full capability and experience of the companies machining, welding and line boring operations to provide complete custom fabrication service, from concept to design and drawings to finished products.

Products include: HOLT Spray King water tankers, excavator buckets, booms and sticks, landfill and demolition guarding packages, scraper wear kits, push blocks, counter weights and a full inventory of Patented land management tools including plows, rakes and specialized implements.