





#### Dynalndustrial. Experience the Difference.

Dynalndustrial is a fully integrated engineering, machining and fabrication company, specializing in custom design/build projects, heavy industrial equipment repair and medium volume production runs. Since 1976, Dynalndustrial has been successfully solving the mining industry's most challenging problems with **innovative engineered** designs, turnkey solutions and quality products that improve safety, increase productivity and decrease maintenance downtime.













#### Our Services:

- Custom Design Build & Engineering
- **Turnkey Assemblies**
- **Equipment Rebuilds**
- Centrifuge Retrofits and Rebuilds
- **Custom CNC and Manual Machining**
- Manufactured OEM Equipment Components
- Large CNC Boring Mill Work
- Steel Fabrication and Welding
- Hydraulic Cylinder Rebuild & Manufacture
- Industrial Hard Chrome Plating
- Service Rig Re-Certifications

### **Our Capacities:**

- 85,000 ft2 of manufacturing space
- 60 ton overhead crane capacity

- CNC vertical milling to 30" x 35" x 70" length
- Boring mill capacity up to 33' of travel
- Full contouring 6-axis and 5-axis boring mills

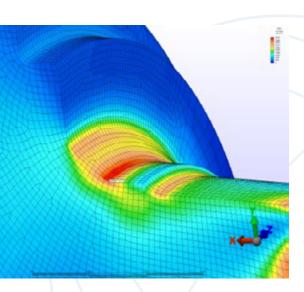


Complement of over 100 skilled workers; engineers, draftspersons, EITs, machinists, welders, millwrights, and support staff

CNC lathe turning capacity of 47" diameter x 240" length



#### Engineering & Custom Design Manufacturing



- 3D solid modeling software
- Finite Element Analysis (FEA)
- Integrated drafting software
- Integrate cost effective processes into our designs.
- Virtual reality software
- Committed to R&D
- Reverse engineering





















### Mobile Equipment Rebuilds

With an in-house team of engineers and state of the art manufacturing, DynaIndustrial has the capabilities to re-engineer and rebuild obsolete equipment.

#### Before:



After:



#### Centrifuges

In partnership with Broadbent, we deliver the best of both worlds to our mining clients; process knowledge and service/support. Together we provide the latest centrifuge technology that ensures our clients optimize production, maximize throughput and minimize maintenance downtime.

Dynalndustrial also has the experience and capability to rebuild, repair, fabricate components and provide in-field service and support for all brands of centrifuges.



# **DynaIndustrial**





# Machining

We have a full line of machining equipment that ranges from manual machining to large CNC lathes with 47" diameter turning capacity and 240" length to a boring mill with 33'-0" of travel. Our machining capabilities include single unit items to medium volume production runs.











#### Miner Component Manufacturing

Dynalndustrial has the experience and equipment to manufacture and rebuild miner components including; top bars, bottom bars, corner extensions, rotor arms, sprockets, tail conveyors, track frames, trim chain idler rolls, pusher plates, canopies and trim chain shear plates. No drawings? No problem. Dynalndustrial's team of engineers can reverse engineer and create drawings for any piece of equipment!















### Welding & Fabrication

**Materials:** Carbon steel, stainless steel, hard surfacing, aluminum, inconel, copper, monel

**Processes:** GMAW (Mig), FCAW (Fluxcore), SMAW (Shielded Metal), GTAW (Tig), MCAW (Metalcore)

**Subarc Welding:** Capable of subarc welding diameters to 12'-0" and weights up to 30 ton

60 ton overhead crane capacity

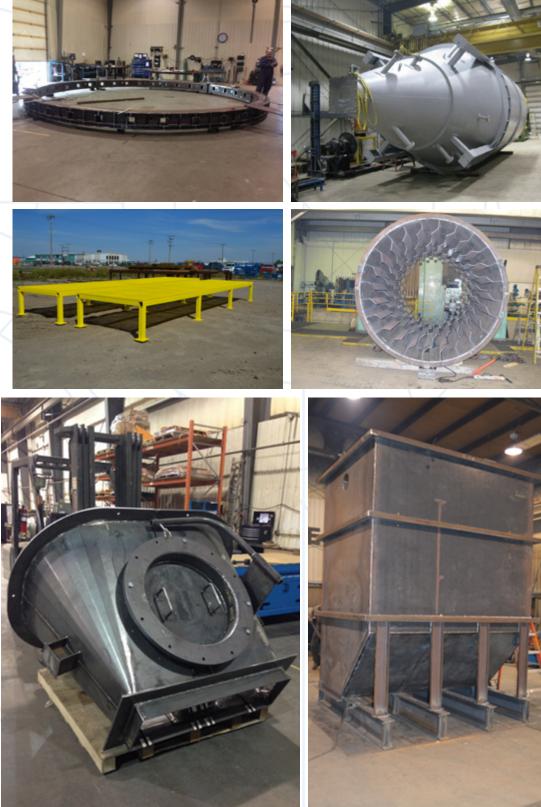
























#### Component Fabrication Surface &



#### Hydraulic Cylinders: Manufacture & Rebuild

Ability to evaluate service longevity & reliability for cylinders with bores of over 24 inches & lengths of 20 feet. Provide complete testing & documentation.

# Industrial Hard Chrome Plating

A crane capacity of 10 tonnes & ability to chrome cylinder rods up to 186 inches.

















# Service Rig Re-Certifications

- Level III & IV inspections are performed to meet or exceed industry standards as recommended by CAOEC
- Entire process including disassembly, inspection, repairs/modifications, reassembly, documentation, chroming and hydraulic cylinder rebuild/manufacture performed in-house
- Full team of engineers, machinists, welders, mechanics and millwrights provide solutions and repairs for improved reliability and safety
- Authorized representative of P.S.I. Fluid Power
- NDT testing provided in partnership with an independent third party











#### Service and Support

Dynalndustrial is committed to providing exceptional customer service. With our in-depth industry knowledge and expertise, our team prides themselves on working in collaboration with the customer to provide turnkey solutions and quality products. From boots on the ground, to custom design and onsite service we are always ready to serve our clients.









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