

Tool List

CNC Lathes:

- 2 – Haas SL-20 with magazine bar feeders
- 1 – Haas SL-20
- 1 – Haas SL-20 auto parts loader
- 1 – Haas ST-20
- 1 – Haas SL-30 with bar feeder
- 1 – Haas SL-30 big bore
- 1 – Haas SL-30
- 1 – Haas SL-40 Big bore
- 1- Haas ST-30 BB with magazine bar feeder
- 1- Haas ST-30 with magazine bar feeder

CNC Mills:

- 2 – Haas VF-4 4 axis
- 1 – Haas VF-3 super speed with 4th axis
- 1 – Haas TM-1 with 4th axis
- 1 – Haas TM-2 with 4th axis
- 1 – Haas super mini mill
- 1 – Haas VF-6 with 4th axis
- 1 – Haas EC-300 horizontal machining centre with dual pallet changer
- 1 – Haas ES-5 4T horizontal machining centre

Gear Cutting and Splining:

Fellows 6A unit #1:

Set up for external spur gears, auto feed, center spindle mount, 5" stroke, 18.5" max diameter, auto feed

Fellows 6A unit #2:

Set up for internal and external splines and spur gears, large work holding, 3 jaw chuck, 3" bore, 6" riser, auto feed

Fellows 6A unit #3:

Set up for internal and external splines and spur gears, 3" stroke, 18.5 max diameter, 5.7" large bore, 4" riser, auto feed

Newark Hob:

20" continuous gashing and hobbing, 17.5" max diameter, auto feed and shutoff

Fellows Z Type Horizontal Gear Shaper internal and external

5.5" length of stroke, 12" diameter bore, outboard support, movable table, capable for splining long shafts less the 12" diameter

Other Machinery:

1-Hydraulic cylinder bench 30 ft capacity, 50,000 ft/lbs torque

1 – Ona CNC wire EDM 5 axis 20" between nozzles

1-TOS lathe, readouts, swing 33" by 192" between centers two steady rests, 3 and 4 jaw chucks.

2-Enterprise lathes 18" swing by 80" between centers

Automated Hyd-mech and Amada horizontal saws

Lincoln system 30/ Fanuc 100IB welding robot

1-Tool and cutter grinder

2-Manual mills

3-Drill presses

2-Line-boring machines

1-bore welding machine

1- Heat treating oven

3- vertical gear cutting shapers, 1 hob, 1 horizontal shaper

Brakes and shears

Precision fabrication department with MIG, TIG and stick welding capabilities.

31,000 square feet of shop space at our Whitehorse facility.

Software

Solidworks, GibbsCam, MasterCam, Esprit