

China Steel Inc

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Facilities

Plant #1 - 26180 SF on 3.03 Acres (Industrial Park Crescent)
Plant #2 - 19500 SF on 9.50 Acres (Sackville Road)
ISO 9001:2015 Registered / CWB Division 2 Certified

CNC Machining Equipment Listing & Capacities

Multitasking CNC Machining Centre

One Mazak Integrex e-1550V/10 II
 Mazatrol Matrix 5 Axis Machining Centre

Maximum Capacity $\varnothing 78"$ x 56" Load 8800# Indexable = .0001 deg.
 X-Axis= 73" Y-Axis = 61" Z-Axis = 52"
 Dual pallet Table= 300 RPM
 160 Tool Magazine Range/Speed = 10,000 RPM Spindle Taper = HSK

Multitasking CNC Machining Centre

One Mazak Integrex i400SW 2500V
 MAZATROL SMOOTHX CONTROL
 5-Axis Machining Centre

Maximum Capacity 30" Swing x 98.5" Long
 Spindle Indexing .0001 Degree Increments
 10" and 12" dia Chuck size
 110 Tool Magazine Long Drill Stocker

Multitasking CNC Machining Centre

One Mazak Integrex 40 Universal 2000 ATC

Maximum Capacity 22.04" Swing x 81.10" Long
 Spindle Indexing .001 Degree Increments
 Automatic Chuck Jaw Changer 12.00" dia Chuck size
 30 Tool Magazine Plus Y-Axis Control 8 Tool Magazine

Multitasking CNC Turning Center

One Mazak Quick Turn NEXUS 250MSY

Chuck Size Main & 2nd = 10" / 6"
 Max. Machining Dia. = 14.750"
 Travel, X = 9", Y = 4", Z = 22.625
 Max. Bar Material Dia. = 3" dia.
 Sub spindle Bar Feeder

CNC Lathes

One Mori Seiki SL-6B
 One Mori Seiki SL-45

Maximum Capacity 35.04" Dia Swing x 33.00" Long
 Maximum Capacity 26.37" Dia Swing x 60.24" Long

Double Column Vertical Milling Centres

One Mazak AJV 60/80 Accura Jigmatic

x = 78.73" y = 55.10" z = 19.99" Table Load Capacity 8820#
 49.25" x 88.18" Table c/w 15.75" Dia Tsudakoma NC Rotary Table
 59.06" Between Columns 40 Tool Magazine Renishaw Probe

One Mazak AJV 25-404 Accura Jigmatic

x = 39.37" y = 20.00" z = 18.11" Table Load Capacity 1760#
 21.65" x 48.81" Table
 25.60" Between Columns 30 Tool Magazine

CNC Horizontal Boring Mill

One	AWEA Mechatronic CNC Horizontal Boring Mill 5 Axis Machining Centre - Model #BL-3018FM	Table Size = 63" X 71" Load = 22046# Indexable = .001 deg. X-Axis= 118" Y-Axis = 71" Z-Axis = 51" W-Axis = 24" B-Axis = Indexable Table 40 Tool Magazine Range/Speed = 8000rpm Spindle Taper = Cat #50
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Conventional Machining Equipment Listing & Capacities**Conventional Milling Machines**

One	Bridgeport Series I EZ-Track/Plus Milling Machine	Travel = 28" X-Axis x 12" Y-Axis x 5" Z-Axis
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Conventional Machining Equipment Listing & Capacities (continued)**Lathes**

One	Takisawa TKL 1500 HD Centre Lathe	Maximum Capacity 59.00" Swing x 312.00" [26'-0"] Long (55000#)
One	PBR TM-30 x 4000 Centre Lathe c/w Taper Attachment	Maximum Capacity 24.50" Swing x 158.00" [13'-2"] (10700#)

Ancillary Machine Shop Equipment

One	WMW Slotter With Rotary Index Table	36.00" Table Dia c/w 30" x 30" Travel X & Y-Axis x 20" Stroke
One	Landis-Maiden Threading Machine	1.50" Dia Maximum Thread
One	Cincinnati	No. 2 Cutter and Tool Grinder

Fabrication & Processing Equipment Listing & Capacities**Cutting & Shearing**

One	CNC JetEdge WaterJet Cutting Machine	13' x 24' Cutting Capacity to 12" Thick / Dual Head Cutting / 90,000 PSI Rated
One	CNC Machitech PC100 Hypertherm HPR400XD Plasma	12.5' x 82' Table c/w Dual Torches For Steel, Stainless & Aluminum To 3.2" Max.
Eight	Radiograph Portable Cutting Units	Circular or Straight Line Track Cutting
One	FERRIC HDG 3100x13 CNC Hydraulic Plate Shear	Maximum 122.00" Width x .500" Thickness (Mild Steel)
One	Hyd-Mech Model M20 A Hydraulic Saw	20" x 30" Capacity Auto Feed & Tilt thru 45 Degrees
One	Portable Plasma Cutting Torch	Maximum 3/4" Thick Stainless Steel
Three	Eisele Precision Circular Saws	

Bending, Rolling & Pressing

One	FERRIC-AKBEND AHS 3028 Plate Rolls	4 Roll Plate Rolls 122" Width x 1 1/4" Thickness - Cone Rolling Capability
One	Cincinnati 750 Ton Brake Press	14'-0" Maximum Plate Width
One	FERRIC Power Bend 3760x220 Hydraulic Press Brake	148" Width x 1/4" Thick (Mild Steel) Capacity - Computer Controls
One	500 Ton Horizontal Hydraulic Power Fitting Press	21'-0" x 8'-0" x 4'-0" Frame
One	200 Ton Vertical Hydraulic Power Fitting Press	10'-0" x 5'-0" x 3'-6" Frame
One	Bliss 250 Ton Conventional Press	Stamping & Forming
One	Angle Rolls	Maximum L 3 x 3 x 3/8

Drilling & Punching

One	Whitney Portable Hydraulic Punch System	Maximum Punching 1 1/16" Dia thru 1" Plate
One	Enerpac SP-35S Portable Hydraulic Punch	Maximum Punching 13/16" Dia thru 1/2" Plate
Two	Universal Ironworkers	Maximum L 5 x 5 or L 6 x 4 x 1/2 - Bar Stock 2" Dia or Square

Welding Equipment

Two	Welding Positioners	40 Ton Capacity
30 +	Welding Machines (Manual, Automatic, Semi-Automatic)	SMAW / FCAW / GMAW / SAW
One	Nelson Stud Welder Model TR-1800	Maximum Capacity To 7/8" Dia
One	Panasonic 6 Axis Robotic Welder	Two Station

Shop Lifting Equipment Capacities

2	10 Ton Overhead Bridge Cranes	20T Combined Lift Centre Bay (Industrial Park)
2	5 Ton Overhead Bridge Cranes	10T Combined Lift South Fabrication Bay (Industrial Park)
2	5 Ton Overhead Bridge Cranes	10T Combined Lift Machine Shop (Industrial Park)
3	Jib Cranes (1x3T / 1x1T / 1x.5T)	CNC Bay (Industrial Park)
3	Jib Cranes (1x3T / 1x1T / 1x.5T)	South Fabrication Bay (Industrial Park)
3	10 Ton Overhead Bridge Cranes	20T Combined Lift North Fabrication Bay (Sackville Road)
4	5 Ton Overhead Bridge Cranes	20T Combined Lift South & West Fabrication Bays (Sackville Road)
2	7.5 Metric Tonne Overhead Cranes	South & East Fabrication Bays (Sackville Road)
1	3T Overhead Cranes	North-West Fabrication Bay (Sackville Road)

Portable Lifting, Erection & Transportation Equipment

One	14 Ton RT58 Grove	Yard Service Crane
Three	Forklifts	Shop & Yard Service
One	Ford Tractor Trailer Unit	48' Extends To 78' Length 80000# Capacity
One	Freightliner Tractor Trailer Unit	48' Extends To 75' Length 80000# Capacity
One	Western Star Tractor Trailer Unit	48' Extends To 75' Length 80000# Capacity
One	One F-550 Delivery Truck	8' x 15" Flat Deck
One	CAT 926E Loader	
One	Bobcat 753	