

Sharp Iron Group - Capabilities & Capacity

Updated: Sept 2019

Process/Equipment Description	Process	Details	Manpower	Location
Hyundai Wia KBN135 Boring Mill 2015	CNC Boring Mills	118x78x63, 2k RPM, 4 axis	4 operators, 24 hr coverage	Hatton Road
Hyundai Wia KBN135 Boring Mill 2015		118x78x63, 2k RPM, 4 axis		Hatton Road
Haas UMC 750SS 201	5-Axis CNC Mills	30x20x20, 15k RPM, 5 axis	1 operator, 12 hr coverage	Hatton Road
Haas VF-7 CNC Mill (40-taper)	Large CNC Mills	84x32x30, 10k RPM, 3 axis	3 operators, 12 hr coverage	Hatton Road
Haas VF-7 CNC Mill (50-taper) 2018		84x32x30, 12k RPM, 3 axis		Hatton Road
Leadwell MCV1500i CNC Mill		60x30x26, 10k RPM, 3 axis		Hatton Road
Kitamura HX630i Horz CNC Mill		41x33x33, 12k RPM		Hatton Road
Haas VF4 CNC Mill	Medium CNC Mills	50x20x25, 10k RPM, 4 axis	3 operators, 12 hr coverage	Hatton Road
Leadwell V50i CNC Mill		50x20x20, 10k RPM, 4 axis		Hatton Road
Hyundai F500P CNC Mill 2017		42x20x25, 12k RPM, 3 axis		Hatton Road
Haas VF2 CNC Mill	Small CNC Mills	30x16x20, 12k RPM, 3 axis	5 operators, 24 hr coverage	Hatton Road
Kitamura 3XD CNC Mill 2016		30x20x20, 12k RPM, 3 axis		Hatton Road
Kitamura 3XD CNC Mill 2016		30x20x20, 12k RPM, 3 axis		Hatton Road
Kitamura HX400G Horz CNC Mill 2016		24x24x24, 15k RPM, 4 axis		Hatton Road
Femco HL35 CNC Lathe	CNC Lathe	10" chuck	3 operators, 12 hr coverage	Hatton Road
Hitachi-Seiki HT20 CNC Lathe		8" chuck		Hatton Road
Haas SL20 CNC Lathe		10" chuck, 2" bar feeder		Hatton Road
Mazak Nexus QTN300-IIM CNC Lathe 2017		10" chuck, live tooling		Hatton Road
Hyundai Wia L400C CNC Lathe 2018		18" chuck		Hatton Road
Mazak Manual Lathe	Manual Machine	25"	1 operators, 12 hr coverage	Hatton Road
Bullard Cutmaster Manual Lathe		16x60		Hatton Road
Bridgeport J2 Manual Mill				Hatton Road
Wells-Index Manual Mill				Hatton Road
Kent KGS-306ADH Surface Grinder				Hatton Road
Clausing 4002 Surface Grinder				Hatton Road
Mazak Hyper Turbo X510 Laser	Fabrication - Burn	4k watt, 60x120	2 operators, 20 hr coverage	Hatton Road
Koike Aronson Plasma Burn Table		200 amp plasma, oxy-fuel, 120x240	1 operator, 12 hr coverage	Reilly Road

Trumpf Trumabend V130 Brake	Fabrication - Form	145 ton, 120"	3 operators, 20 hr coverage	Hatton Road	
Trumpf Trumabend V85 Brake		85 ton, 81"		Hatton Road	
Trumpf TruBend 7036 Brake 2017		40 ton, 48"		Hatton Road	
AccurPress Brake		300 ton, 120"	1 shared operator (w/ Waterjet)	Reilly Road	
Plate Roll		1/2" thickness, 120"	1 operator, 12 hr coverage	Reilly Road	
Structural Roll		Roll forming structural steel		Reilly Road	
Trumpf TC200MC Turret Punch	Fabrication - Punch	20 ton, 48x96	1 shared operator, 6 hr coverage	Hatton Road	
Amada 3060 Shear	Fabrication - Cutting		as needed	Hatton Road	
Marvel 15A Saw			1 operator, 12 hr coverage	Hatton Road	
Hyd-Mech S-20 Saw				Hatton Road	
Flow Intl Waterjet 2017		Cuts steel & alum up to 6", 96x144	1 shared operator (w/ AccurPress Brake)	Reilly Road	
HE&M Saw			2 operator, 12 hr coverage	Reilly Road	
Sweco Vibra-Energy Finishing Mill	Fabrication - Finish	4200 lb, 24"	as needed	Hatton Road	
Gemini Vortex 7 Siratron Finishing Mill 2017		7 cubit ft	as needed	Hatton Road	
TimeSaver Lynx 37MWT-DDB 60 2019		37" wet 3-station (stainless/alum)	2 operators, 12 hr coverage	Hatton Road	
TimeSaver Abrasive Finishing Machine		17" single-belt (carbon)		Hatton Road	
Manual Deburr Station				Hatton Road	
GTAW (TIG)	Welding	New welding machines and material handling equipment are added often!	24 operators, 24 hr coverage	Both	
GMAW (MIG)				Both	
FCAW (Flux Core)				Both	
SMAW (Stick)				Both	
RSW (Resistance Spot)				1 unit	Hatton Road
SAW (Submerged Arc)				2 units	Reilly Road
Small Paint	Paint	Phosphatizing bay, etc.	6 operators, 12 hr coverage	Reilly Road	
Large Paint		100 ft. paint shop		Reilly Road	
Indoor Blasting Facility 2018		20x60 blast booth (garnet reclaim)		Reilly Road	
Outdoor Blasting		Coal slag blasting		Reilly Road	
Hydro/Assembly	Assembly	Hydrostatic testing & turn-key mechanical assembly department	5 operators, 12 hr coverage	Reilly Road	
Hexagon/Romer Absolute Arm 8525 SI 2019	Quality Assurance	2.5M, 7-axis CMM arm w/ laser scan	2 operators, 12 hr coverage	Hatton Road	