



WALKER

TOOL & DIE, INC.

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www.walkertool.com

Plant Square Footage = 96,850

CAD/CAM



Computer Aided Design & Manufacturing Software/Hardware

26 Unigraphics NX Workstations
1 SDRC Ideas Master Series Workstation
1 Fastform Blank Nesting Software
8 NX-Viewer Floating Licenses
7 NX-Viewer Stations (Shop Floor)
5 Spinfire Professional Floating Licenses
13 SESCOI WorkNC Software for CNC Mill Programming
2 DP Technology ESPRIT Wire EDM Programming Workstations
1 KIP 7000 Wide Format Plotter
2 ESI PamStamp Forming Simulation Workstations
6 ESI PamStamp Forming Simulation Parallel Solving Cluster Nodes

EDM & Laser Equipment



Wire EDM Machines	"X" Limit	"Y" Limit	"Z" Limit	Deg. Taper	Max Weight
Charmilles 510	27.5	15.7	15.7	30	4,408 lb.
Charmilles 510	27.5	15.7	15.7	30	4,408 lb.
Charmilles 440	21.6	13.7	15.7	30	3,306 lb.
Charmilles 440	21.6	13.7	15.7	30	3,306 lb.
Charmilles 440cc	21.6	13.7	15.7	30	3,306 lb.
Fanuc Series W2	13.8	19.7	11.8	15	772 lb.
Fanuc Series W4	23.6	39.3	11.8	15	2,866 lb.
Conventional EDM					
Deckel	18.0	10.0	12.0		
6 Axis Laser					
Mazak Laser-Path 50/100-3D	98.42	49.21	39.37	52 x 106	1500 Watt CO2

Press Specifications



Press:	Clearing	Clearing	Verson	Clearing	Cincinnati	Cleveland	Wean-McKay	Minster	Toledo	Toledo
Tonnage	1500	1000	1000	600	600	450	250	250	200	200
Type of Press	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Rolling Bolster	Yes	Yes	Yes	Yes	-	Yes	-	-	-	-
Bolster Size Front to Back	72	84	72	72	48	80	48	46	45	37
Bolster Size Left to Right	144	144	132	144	168	132	84	90	60	59
Air Cushion	NA	NA	7.00	NA	6.00	NA	NA	6.50	NA	6.00
Max. Shut Ht. (w/o risers)	59.38	59.88	44.30	50.63	38.50	61.30	32.50	38.38	23.50	26.50
Min. Shut Ht. (w/o risers)	42.13	45.88	28.30	26.63	32.50	51.30	24.75	26.25	18.50	21.00
Max. Shut Ht. with risers	43.38	39.88	32.80	NA	23.75	35.30	26.50	26.50	15.63	21.00
Min. Shut Ht. with risers	26.13	25.88	16.80	NA	17.75	25.30	18.75	14.38	10.63	15.75
Ram Adjustment	17.25	14.00	16.00	24.00	6.00	10.00	7.75	12.13	5.00	5.25
Stroke Length	18.00	28.00	14.00	24.00	8.00	24.00	16.00	14.00	10.00	10.00
Strokes per Minute	12	15	12	16	47	20	20	28	24	50
Width of Window	68.00	72.00	54.00	48.00	48.00	46.00	21.25	16.00	8.50	8.50
Coil Feeder?	No	Yes	No	No	No	No	No	No	No	No
Max. Coil Width	-	48.00	-	-	-	-	-	-	-	-
Max. Coil Weight	-	6,000	-	-	-	-	-	-	-	-
Coil I.D. Range	-	18" – 22"	-	-	-	-	-	-	-	-
Max. Coil O.D.	-	72.00	-	-	-	-	-	-	-	-
Max. Stock Thickness	-	0.200	-	-	-	-	-	-	-	-

Machining Equipment



CNC Machining Centers	"X" Limit	"Y" Limit	"Z" Limit	"W" Limit	Table Size
Giddings & Lewis Horizontal Boring Mill	144.25	115.00	34.23	38.90	72.0 x 144.0
Giddings & Lewis Horizontal Boring Mill	144.25	96.70	34.23	38.90	60.0 x 144.0
LeBlond Makino HNC 2513 Horizontal Machining Center	98.50	51.00	31.50		39.0 x 114.0
Makino A88E Horizontal Machining Center	35.40	31.50	38.20		(2) 25.00 x 25.00 Pallets
Makino V 77 Vertical Machining Center	47.00	27.50	25.50		55.0 x 27.5
Makino V 56 Vertical Machining Center	35.00	21.50	17.50		(2) 19.50 x 39.25 Pallets
Makino A 99 E Horizontal Machine Center	49.00	43.25	49.00		(2) 31.50 x 31.50 Pallets
Makino A81 Horizontal Machine Center	35.40	31.50	40.10		(2) 25.00 x 25.00 Pallets
Okuma MCV All Vertical Machining Center	157.48	78.74	17.72	33.46	59.06 x 161.42
Hurco VMX 42	42.00	24.00	24.00		24.0 x 50.0
Hurco VMX 42	42.00	24.00	24.00		24.0 x 50.0
Hurco VTC 40 Machining Center	40.00	24.00	22.00		23.5 x 55.0
Hurco VMX 84 Machining Center	84.00	34.00	30.00		86.0 x 34.0
FPT Area 5 Axis Boring & Milling Machine	314.90	137.80	59.06		98.4 x 354.3

Small Vertical and Horizontal Mills	"X" Limit	"Y" Limit	"Z" Limit		
6 Clausing Vertical Mills	26.00	12.00	14.00		
4 Hurco Vertical Mills	30.00	14.00	18.00		
1 Cincinnati Vertical Mill	36.00	14.00	16.00		
2 Cincinnati Horizontal Mill	34.00	14.00	14.00		
1 Cincinnati Vercipower Vertical Mill	50.00	12.00	18.00		

Quality Control Equipment



Coordinate Measuring Machines	"X" Limit	"Y" Limit	"Z" Limit	Probe Type
DEA Omega 2305	60	100	40	Renishaw PH10M
Brown & Sharp Global 121510	48	60	40	Renishaw PH10MQ
Starrett Manual RCS6448-24	48	64	24	Renishaw PH8
Starrett Manual HGC2024-16	24	20	16	Renishaw MIP
Faro Gold Series Portable Measuring System	Eight foot spherical capacity.			Hard probe or TP2 adaptable

Grinding and Misc. Equipment



List of Misc. Equipment	Size/Description
10 Grand Rapids Surface Grinders	Up to 30 x 60 chuck capacity
1 Blanchard Grinder	48 inch swing
13 Bridge Cranes	Up to 25 ton capacity
8 Gantry Cranes	Up to 10 ton capacity
9 Lift Trucks	Up to 15,000 lb. capacity
13 Radial Arm Drill Presses	Up to 8 foot swing
2 LeBlond Lathes	Up to 19 inch swing
4 Band Saws	
3 Cut Off Saws	
Arc and Heliarc Welding Equipment	

Delivery Equipment



List of Delivery Equipment	Size/Description
1 Peterbilt Tractor w/42 Trailer	48,000 lb Payload Capacity
1 Kenworth Stake Truck	25,000 lb Payload Capacity
1 Ford F250 Pick-up	2,000 lb Payload Capacity