



Equipment Report

04/06/21

Page 1 of 7

Item:	MAZAK Laser 1300		
Model #:	5101300 WATT (PARTS AND MANUAL BOOK)		
Serial #:	214825		
Manufacturer:	MAZAK Optonics Corporation		
Vendor:	MAZAK Optonics Corporation		
Alt. Vendor:			
Year Bought:	January 2011	Hours at Install	0
Meter at Install	0	Total Hours:	2170
Hour Meter:	2170	Approx Cost:	\$324,678

Detailed Description:
GL CODE 51000-350
(refer to list for requirements)

CHANGE LENSES 120 HOURS

Work Required	Frequency	Next Date	Hourly Freq.
REFURBISH	Annually	12/18/2021	4000
CHECK FLUIDS	Annually	10/17/2021	
CHANGE LENSES	3 Months	03/19/2021	
CLEAN LENSES	Monthly	03/19/2021	

WO #	WO Date	WO Type	Completed	Comp. Date
1936	02/19/2021	PM	<input type="checkbox"/>	
1919	01/27/2021	PM	<input type="checkbox"/>	
1901	01/05/2021	PM	<input checked="" type="checkbox"/>	01/14/2021
1884	01/05/2021	PM	<input checked="" type="checkbox"/>	01/14/2021
1873	12/18/2020	PM	<input checked="" type="checkbox"/>	01/04/2021
1831	11/26/2020	PM	<input checked="" type="checkbox"/>	11/27/2020
1812	10/28/2020	PM	<input checked="" type="checkbox"/>	11/05/2020
1801	10/27/2020	PM	<input checked="" type="checkbox"/>	10/27/2020
1791	10/27/2020	PM	<input checked="" type="checkbox"/>	10/28/2020
1781	10/27/2020	PM	<input checked="" type="checkbox"/>	10/27/2020
1772	10/27/2020	PM	<input checked="" type="checkbox"/>	10/27/2020
1763	10/27/2020	PM	<input checked="" type="checkbox"/>	10/27/2020
1745	10/13/2020	PM	<input checked="" type="checkbox"/>	10/13/2020
1720	10/13/2020	PM	<input checked="" type="checkbox"/>	10/13/2020

Equipment Report

04/06/21

Page 2 of 7

1692	04/06/2020	PM	<input checked="" type="checkbox"/>	04/06/2020
1682	02/06/2020	PM	<input checked="" type="checkbox"/>	02/06/2020
1668	02/06/2020	PM	<input checked="" type="checkbox"/>	02/06/2020
1634	05/03/2020	PM	<input checked="" type="checkbox"/>	05/03/2020
1622	12/02/2020	PM	<input checked="" type="checkbox"/>	12/02/2020
1608	03/01/2020	PM	<input checked="" type="checkbox"/>	03/01/2020
1599	03/01/2020	PM	<input checked="" type="checkbox"/>	03/01/2020
1583	03/01/2020	PM	<input checked="" type="checkbox"/>	03/01/2020
1579	03/01/2020	PM	<input checked="" type="checkbox"/>	03/01/2020
1567	12/12/2019	PM	<input checked="" type="checkbox"/>	12/12/2019
1554	11/12/2019	PM	<input checked="" type="checkbox"/>	10/28/2019
1542	11/25/2019	PM	<input checked="" type="checkbox"/>	11/25/2019
1541	11/25/2019	PM	<input checked="" type="checkbox"/>	11/25/2019
1526	10/16/2019	PM	<input checked="" type="checkbox"/>	10/16/2019
1509	10/16/2019	PM	<input checked="" type="checkbox"/>	10/16/2019
1475	02/07/2019	PM	<input checked="" type="checkbox"/>	02/07/2019
1469	02/07/2019	PM	<input checked="" type="checkbox"/>	02/07/2019
1456	10/06/2019	PM	<input checked="" type="checkbox"/>	11/25/2019
1445	05/22/2019	PM	<input checked="" type="checkbox"/>	10/06/2019
1431	04/17/2019	PM	<input checked="" type="checkbox"/>	04/17/2019
1421	04/17/2019	PM	<input checked="" type="checkbox"/>	10/06/2019
1406	03/14/2019	PM	<input checked="" type="checkbox"/>	04/17/2019
1403	02/26/2019	PM	<input type="checkbox"/>	
1399	02/19/2019	PM	<input checked="" type="checkbox"/>	02/19/2019
1391	02/19/2019	PM	<input checked="" type="checkbox"/>	02/19/2019
1380	01/22/2019	PM	<input checked="" type="checkbox"/>	02/19/2019
1374	10/01/2019	PM	<input checked="" type="checkbox"/>	01/14/2019
1371	10/01/2019	PM	<input checked="" type="checkbox"/>	10/01/2019
1366	10/01/2019	PM	<input checked="" type="checkbox"/>	10/01/2019
1340	10/01/2019	PM	<input checked="" type="checkbox"/>	01/14/2019



Equipment Report

04/06/21

Page 3 of 7

1339	10/01/2019	PM	<input checked="" type="checkbox"/>	01/14/2019
1324	10/01/2019	PM	<input checked="" type="checkbox"/>	12/20/2018
1307	11/09/2018	PM	<input checked="" type="checkbox"/>	12/20/2018
1304	06/09/2018	PM	<input checked="" type="checkbox"/>	12/20/2018
1287	01/08/2018	PM	<input checked="" type="checkbox"/>	09/08/2018
1278	06/26/2018	PM	<input checked="" type="checkbox"/>	09/08/2018
1271	06/26/2018	PM	<input checked="" type="checkbox"/>	09/08/2018
1249	04/19/2018	PM	<input type="checkbox"/>	09/08/2018
1238	06/03/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1236	06/03/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1234	06/03/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1230	06/03/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1227	02/27/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1224	02/27/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1220	02/27/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1211	02/26/2018	PM	<input checked="" type="checkbox"/>	06/03/2018
1192	08/01/2018	PM	<input checked="" type="checkbox"/>	08/01/2018
1188	04/01/2018	PM	<input checked="" type="checkbox"/>	04/01/2018
1170	04/01/2018	PM	<input checked="" type="checkbox"/>	04/01/2018
1139	10/31/2017	PM	<input checked="" type="checkbox"/>	09/12/2017
1094	09/27/2017	PM	<input checked="" type="checkbox"/>	09/27/2017
1088	09/18/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
1074	09/14/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
1057	09/14/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
1056	09/14/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
1034	09/14/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
1033	09/14/2017	PM	<input checked="" type="checkbox"/>	09/18/2017
999	09/14/2017	PM	<input checked="" type="checkbox"/>	09/14/2017
998	09/14/2017	PM	<input checked="" type="checkbox"/>	09/15/2017
866	10/25/2016	CA	<input checked="" type="checkbox"/>	11/14/2016



Equipment Report

04/06/21

Page 4 of 7

145 10/11/2011 PM ☒ 10/13/2011

Date	Technician	Cost	Notes
06/16/2020	Reidco	\$15,000.00	37167 Hrs, Schedule refurbish, July 13, 2020
12/11/2019	Sexsmith/ Gord	\$2,756.80	Will replace conveyor belt and axel, front and rear, rear came incomplete.
11/12/2019	Reidco/Sexsmith	\$11,899.48	30955 hrs Cost of chip collector plus labor.
11/05/2019	Alternative Parts	\$1,977.04	4 lenses Z50ZZ00520A
10/28/2019	Reidco		30715 hrs. Change lens and lens holder.
08/28/2019	Reidco		29939 hrs. Notice coming from Y-axis movement, their is not a grease nipple or oil.
06/26/2019	Reidco		29193hrs
06/11/2019	Reidco		28991Hours. Change oil on Vacuum Pump and Mechanical Booster. GH /DL
06/10/2019	Reidco		Urgent. Need to change oil in the Mech. Booster one week to late.
06/03/2019	GH/VT		Change chiller filters and air line filters
05/29/2019	Mazak		Mechanical Booster replaced.28844 hrs. (hour reading is back of the machine)
05/05/2019	Mearl's	\$159.66	Filter Element/Filter Element Assy.
04/26/2019	Mazak		Refurbish : Leak in resonator can't be found, taking longer then expected .
04/18/2019	DL		Laser power went down to 700 not cutting/ GH cleaned tip and head, working now, will check if last. Error 309
04/11/2019	Reidco		33031 hrs Reported, conveyor belt skipping and worn out. This is an old problem we may have to order one. Parts and service.
01/03/2019	Mazak	\$1,165.00	Parts are on order. All parts are here.
12/20/2018	Gord H.		31871/26975hr change lense, found parts that need replacement. Will order in January.
12/10/2018	Reidco		31745/26849hrZ-Axis Servo Signal Error 2/Z inverter current over load.
10/31/2018	Reidco		Replace and order extra Contact Sensor Cable (\$96.00 ea.) 31202-26411 hrs. 11335 cutting hrs.
09/20/2018	Lordco		Gord replaced fan belts on roof.
09/11/2018	Reidco		30633/25779 hours. (13159 hrs. cutting time.)
08/01/2018	Reidco VT.		CNC Power 30066hrs./ CNC Power 25224hrs.
03/16/2018	Reidco		Machine running unattended.
03/07/2018	GH		Reported damage/bent side panels under the table. Dont know when his happen.
02/16/2018	Reidco/Sexsmith Ind		2812/23335 hrs.Belt stop working was temporarily repair, an employee was seen running on top in several occations, I have the report.



Equipment Report

04/06/21

Page 5 of 7

12/14/2017	MS	27419/22670 hours lense change
09/27/2017	VT	22242/21796hrs.
06/22/2017	M. Stuparik	\$140.00 21,286 hrs. (25529)Replace Lens/Ceramics/Focus/Set gap/Center Beam/Check Fluids/Blow out machine/Test ok.
06/22/2017		25492 hrs. M.Stuparik be here today change lense and see if can fix it. M azak is preparing a quote.
06/20/2017	Reidco - D.Lans	25484 hrs missing parts in the tiplense, have parts in stock but no tech to do the work, phoned M. Stuparik if he can come.
05/23/2017	Gord/Mike/Mazak	Two alarm, (cutting SS)Shut off and alarm is gone, working fine now
05/08/2017	Reidco	20839 hrs. Buster oil low, 05/13/17 MS will change oil. / vacuum pump oil low.+ 4000 hrs.
04/22/2017	M. Suparik	Service machine 24919 hrs
02/28/2017	Sexsmith/Mike Stupa	Repair Belt and air leak, clean lense and aligned bim.
02/23/2017	I. Sexsmith/M. Stupar	19655 Hrs. Repaired conv belt, air leak on clamp, tunned up, lenses and aligme nt.
01/27/2017	Reidco	19792 hrs. Chip conveyor alarm, by pressing reset will go away, next service will get it tighten.
01/16/2017	Duane Lans	for the second time in as many weeks Duane has not fallow prodesure and spread sand from material all over the nechanical and optics parts of the machine.
11/09/2016	M. Stuparik	18806 Hrs (22780 Hrs)Service chiller, change water and add chemicals.
11/08/2016	M. Stuparik	Clean focus lens, Lube Axis, Center beam
10/25/2016	Mike Stuparik	18,942 hrs. Change oil vacuum pump, replace filter, "O" ring-check for leaks & test run ok.
10/24/2016	Mike Stuparik	Bleed oil from Lin es, replace micro mist filter,top chiller, clean turbo booster, clean and focus lens, vaccum pump oil need to be change, is contaminated.
10/12/2016	Mike Stuparik	Aligne and focus, change lens.
10/06/2016	Ivan Sexsmith	18720 hours. Low pressure air alarm, sensor not doing the job, will by pass it.
09/22/2016	Reidco	Crushed Head
09/06/2016	Mike Stuparik	Change lens, clean, top oil and cooling. Service Worm Gear bearing they have to check, notice and vibration detected.
09/01/2016	IvanSexsmith	Rollers dont work.
08/23/2016	Gord	Replace plexiglass window.
07/28/2016	Mike Stuparyk	18060 hrs serviced
05/27/2016	Duane	Crashed head, no explation.17478 hours.
04/08/2016	Ivan Sexsmith	Replace section on belt. Parts \$978.00 plus labor.
03/08/2016	Mike Stuparik	PM. Gear oil will be change when down for Belt repair.



Equipment Report

04/06/21

Page 6 of 7

03/02/2016	Duane		Crashed and damage head, high risk of causing serious and costly damage, no explanation or note left. (Router head crushed, bit went thru the wood into table the same night) reported the Conveyor Belt is breaking up.
02/16/2016	Mike Sturanyk		Head Alignment in progress. MS and RL learning.
01/12/2016	Mazak		Booked Head Alignment for January 11, 2016 (16248 hrs)
12/18/2015	Mazak		At 15949 hrs. Mike Stuparik claim that the laser head was crushed the night before, out 6 degrees, we did do this repair last august. 1
11/25/2015	Reidco		Broken Shutter Switch.
11/20/2015	Reidco		perators are not cleaning crop from tray at one point will be to heavy and will be damage.
11/05/2015	Victor		Leadhand Rob L. was advice.
10/09/2015	Mazak		Change, buster and vacuum oil and filter 15603 hrs. Next change at 17100 . hrs.
10/06/2015	Mazak		Mazak tech arrived yesterday to look at the problem. I was told yesterday by Duane that the machine was taking too long to fired up for the last 6 month, this is no mention on the daily inspection. The only reason for that slow start is head crushed.
10/01/2015	Reidco		15306 hours. I was told that the machine is not cutting .050 strait since we go t the machine, this is the first time I heard this. We contacting Mazak.
05/10/2015	Reidco		Was reported that the head was crushed 5 month ago, this was not mention at that time.
04/27/2015	Sexsmith	\$170.00	Replace rollers on table
04/22/2015	Reidco		Hours 13960
04/01/2015	Mazak	\$438.00	Roller support and table bearings
12/17/2014	Reidco		12473 hours
08/17/2014	Mazak	\$7,332.43	PM services 4000 Hrs
07/11/2014	Reidco		Laser stop working, technical people is here to refurbish the machine and discover wires cut under the table.
07/02/2014	Reidco	\$12,000.00	P was issued for the next 4000 hours service.