

Form 990-EZ

Short Form Return of Organization Exempt From Income Tax

OMB No 1545-1150

2013

Open to Public Inspection

Department of the Treasury Internal Revenue Service

Do not enter Social Security numbers on this form as it may be made public. By law, the IRS generally cannot redact the information on the form. Information about Form 990-EZ and its instructions is at www.irs.gov/form990.

A For the 2013 calendar year, or tax year beginning 01-01-2013, and ending 12-31-2013

- B Check if applicable: Address change, Name change, Initial return, Terminated, Amended return, Application pending

C Name of organization: MACHINE SCIENCE INC. Number and street: 649 MASSACHUSETTS AVENUE ROOM/SUITE 4. City or town: CAMBRIDGE, MA 02139

D Employer identification number: 04-3566815. E Telephone number: (617) 354-7171. F Group Exemption Number

G Accounting Method: Cash [ ], Accrual [x], Other (specify)

H Check [ ] if the organization is not required to attach Schedule B (Form 990, 990-EZ, or 990-PF)

I Website: WWW.MACHINESCIENCE.ORG

J Tax-exempt status (check only one): 501(c)(3) [x], 501(c) ( ) (insert no ) [ ], 4947(a)(1) [ ], 527 [ ]

K Form of organization: Corporation [x], Trust [ ], Association [ ], Other [ ]

L Add lines 5b, 6c, and 7b, to line 9 to determine gross receipts. If gross receipts are \$200,000 or more, or if total assets (Part II, column (B) below) are \$500,000 or more, file Form 990 instead of Form 990-EZ. \$161,126

Part I Revenue, Expenses, and Changes in Net Assets or Fund Balances (see the instructions for Part I)

Check if the organization used Schedule O to respond to any question in this Part I [x]

Table with 21 rows and 2 columns. Rows include Revenue (1-9), Expenses (10-17), and Net Assets (18-21). Values range from 101,654 to 131,511.

**Part III Balance Sheets** (see the instructions for Part II)

Check if the organization used Schedule O to respond to any question in this Part II

	(A) Beginning of year		(B) End of year
<b>22</b> Cash, savings, and investments . . . . .	26,233	<b>22</b>	82,998
<b>23</b> Land and buildings . . . . .		<b>23</b>	
<b>24</b> Other assets (describe in Schedule O) . . . . .	89,669	<b>24</b>	48,904
<b>25 Total assets</b> . . . . .	115,902	<b>25</b>	131,902
<b>26 Total liabilities</b> (describe in Schedule O) . . . . .	5,005	<b>26</b>	391
<b>27 Net assets or fund balances</b> (line 27 of column (B) <b>must</b> agree with line 21) . . . . .	110,897	<b>27</b>	131,511

**Part III Statement of Program Service Accomplishments** (see the instructions for Part III)

Check if the organization used Schedule O to respond to any question in this Part III

**Expenses**  
(Required for section 501(c)(3) and 501(c)(4) organizations and section 4947(a)(1) trusts, optional for others )

What is the organization's primary exempt purpose?

EDUCATION PROGRAMS IN MIDDLE AND HIGH SCHOOLS IN BOSTON

Describe the organization's program service accomplishments for each of its three largest program services, as measured by expenses. In a clear and concise manner, describe the services provided, the number of persons benefited, and other relevant information for each program title

<b>28</b> SUPPORTING HANDS ON ENGINEERING PROGRAMS FOR YOUNG PEOPLE IN SCHOOLS, COMMUNITY CENTERS, MUSEUMS, AND OTHER EDUCATIONAL INSTITUTIONS IN THE BOSTON AREA (Grants \$ ) If this amount includes foreign grants, check here <input type="checkbox"/>	<b>28a</b>	110,854
<b>29</b> (Grants \$ ) If this amount includes foreign grants, check here <input type="checkbox"/>	<b>29a</b>	
<b>30</b> (Grants \$ ) If this amount includes foreign grants, check here <input type="checkbox"/>	<b>30a</b>	
<b>31</b> Other program services (describe in Schedule O) (Grants \$ ) If this amount includes foreign grants, check here <input type="checkbox"/>	<b>31a</b>	
<b>32 Total program service expenses</b> (add lines 28a through 31a) <input type="checkbox"/>	<b>32</b>	110,854

**Part IV List of Officers, Directors, Trustees, and Key Employees** (list each one even if not compensated — see the instructions for Part IV)

Check if the organization used Schedule O to respond to any question in this Part IV.

(a) Name and title	(b) Average hours per week devoted to position	(c) Reportable compensation (Forms W-2/1099-MISC) (if not paid, enter -0-)	(d) Health benefits, contributions to employee benefit plans, and deferred compensation	(e) Estimated amount of other compensation
See Additional Data Table				

Part V Other Information (Note the Schedule A and personal benefit contract statement requirements in the

instructions for Part V ) Check if the organization used Schedule O to respond to any question in this Part V

33 Did the organization engage in any significant activity not previously reported to the IRS? If "Yes," provide a detailed description of each activity in Schedule O
34 Were any significant changes made to the organizing or governing documents? If "Yes," attach a conformed copy of the amended documents if they reflect a change to the organization's name
35a Did the organization have unrelated business gross income of \$1,000 or more during the year from business activities (such as those reported on lines 2, 6a, and 7a, among others)?
35b If "Yes," to line 35a, has the organization filed a Form 990-T for the year? If "No," provide an explanation in Schedule O
35c Was the organization a section 501(c)(4), 501(c)(5), or 501(c)(6) organization subject to section 6033(e) notice, reporting, and proxy tax requirements during the year? If "Yes," complete Schedule C, Part III
36 Did the organization undergo a liquidation, dissolution, termination, or significant disposition of net assets during the year? If "Yes," complete applicable parts of Schedule N
37a Enter amount of political expenditures, direct or indirect, as described in the instructions
37b Did the organization file Form 1120-POL for this year?
38a Did the organization borrow from, or make any loans to, any officer, director, trustee, or key employee or were any such loans made in a prior year and still outstanding at the end of the tax year covered by this return?
38b If "Yes," complete Schedule L, Part II and enter the total amount involved
39 Section 501(c)(7) organizations Enter
39a Initiation fees and capital contributions included on line 9
39b Gross receipts, included on line 9, for public use of club facilities
40a Section 501(c)(3) organizations Enter amount of tax imposed on the organization during the year under section 4911, section 4912, section 4955
40b Section 501(c)(3) and 501(c)(4) organizations Did the organization engage in any section 4958 excess benefit transaction during the year, or did it engage in an excess benefit transaction in a prior year that has not been reported on any of its prior Forms 990 or 990-EZ? If "Yes," complete Schedule L, Part I
40c Section 501(c)(3) and 501(c)(4) organizations Enter amount of tax imposed on organization managers or disqualified persons during the year under sections 4912, 4955, and 4958
40d Section 501(c)(3) and 501(c)(4) organizations Enter amount of tax on line 40c reimbursed by the organization
40e All organizations At any time during the tax year, was the organization a party to a prohibited tax shelter transaction? If "Yes," complete Form 8886-T
41 List the states with which a copy of this return is filed MA
42a The organization's books are in care of THE CORPORATION Telephone no (617) 354-7171 Located at 649 MASSACHUSETTS AVE SUITE 4 CAMBRIDGE, MA ZIP + 4 02139
42b At any time during the calendar year, did the organization have an interest in or a signature or other authority over a financial account in a foreign country (such as a bank account, securities account, or other financial account)? If "Yes," enter the name of the foreign country See the instructions for exceptions and filing requirements for Form TD F 90-22.1, Report of Foreign Bank and Financial Accounts.
42c At any time during the calendar year, did the organization maintain an office outside the U S ? If "Yes," enter the name of the foreign country
43 Section 4947(a)(1) nonexempt charitable trusts filing Form 990-EZ in lieu of Form 1041? Check here and enter the amount of tax-exempt interest received or accrued during the tax year
44a Did the organization maintain any donor advised funds during the year? If "Yes," Form 990 must be completed instead of Form 990-EZ
44b Did the organization operate one or more hospital facilities during the year? If "Yes," Form 990 must be completed instead of Form 990-EZ
44c Did the organization receive any payments for indoor tanning services during the year?
44d If "Yes," to line 44c, has the organization filed a Form 720 to report these payments? If "No," provide an explanation in Schedule O
45a Did the organization have a controlled entity within the meaning of section 512(b)(13)?
45b Did the organization receive any payment from or engage in any transaction with a controlled entity within the meaning of section 512(b)(13)? If "Yes," Form 990 and Schedule R may need to be completed instead of Form 990-EZ (see instructions)

	Yes	No
46		No

46 Did the organization engage, directly or indirectly, in political campaign activities on behalf of or in opposition to candidates for public office? If "Yes," complete Schedule C, Part I . . . . .

**Part VI Section 501(c)(3) organizations only**

All section 501(c)(3) organizations must answer questions 47-49b and 52, and complete the tables for lines 50 and 51

Check if the organization used Schedule O to respond to any question in this Part VI

	Yes	No
47		No
48		No
49a		No
49b		

47 Did the organization engage in lobbying activities or have a section 501(h) election in effect during the tax year? If "Yes," complete Schedule C, Part II . . . . .

48 Is the organization a school as described in section 170(b)(1)(A)(ii)? If "Yes," complete Schedule E . . . . .

49a Did the organization make any transfers to an exempt non-charitable related organization? . . . . .

b If "Yes," was the related organization a section 527 organization? . . . . .

50 Complete this table for the organization's five highest compensated employees (other than officers, directors, trustees and key employees) who each received more than \$100,000 of compensation from the organization. If there is none, enter "None "

(a) Name and title of each employee	(b) Average hours per week devoted to position	(c) Reportable compensation (Forms W-2/1099-MISC)	(d) Health benefits, contributions to employee benefit plans, and deferred compensation	(e) Estimated amount of other compensation
NONE				

f Total number of other employees paid over \$100,000 . . . . .

51 Complete this table for the organization's five highest compensated independent contractors who each received more than \$100,000 of compensation from the organization. If there is none, enter "None "

(a) Name and business address of each independent contractor	(b) Type of service	(c) Compensation
NONE		

d Total number of other independent contractors each receiving over \$100,000. . . . .

52 Did the organization complete Schedule A? **NOTE:** All Section 501(c)(3) organizations and 4947(a)(1) nonexempt charitable trusts must attach a completed Schedule A . . . . .  Yes  No

Under penalties of perjury, I declare that I have examined this return, including accompanying schedules and statements, and to the best of my knowledge and belief, it is true, correct, and complete. Declaration of preparer (other than officer) is based on all information of which preparer has any knowledge.

**Sign Here** \*\*\*\*\*  
 Signature of officer  
 2014-09-23  
 Date  
 IVAN RUDNICKI CLERK  
 Type or print name and title

**Paid Preparer Use Only**  
 Print/Type preparer's name: THERESA J CREEDEN  
 Preparer's signature: \_\_\_\_\_  
 Date: 2014-09-24  
 Check  if self-employed  
 PTIN: P00747568  
 Firm's name: SANDBERG & CREEDEN PC  
 Firm's EIN: 04-3195921  
 Firm's address: 331 PAGE ST STE 2  
 Phone no: (781) 344-0850  
 STOUGHTON, MA 020721172

May the IRS discuss this return with the preparer shown above? See instructions . . . . .  Yes  No

# Additional Data

**Software ID:**  
**Software Version:**  
**EIN:** 04-3566815  
**Name:** MACHINE SCIENCEINC

## Form 990EZ, Part IV - List of Officers, Directors, Trustees, and Key Employees

(A) Name and address	(B) Title and average hours per week devoted to position	(C) Compensation (If not paid, enter -0-.)	(D) Contributions to employee benefit plans & deferred compensation	(E) Expense account and other allowances
SAMUEL CHRISTY PRESIDENT/EX	40 00	21,352		
IVAN RUDNICKI CLERK/EXEC D	40 00	57,692		
TODD RICE DIRECTOR	2 00	0		
NATALIE RUSK DIRECTOR	2 00	0		
DEBORAH MUSCELLA DIRECTOR	2 00	0		
ED HURLEY-WALES DIRECTOR	2 00	0		
EMILY LIN TREASURER	2 00	0		

**SCHEDULE A**  
(Form 990 or 990EZ)

**Public Charity Status and Public Support**

Complete if the organization is a section 501(c)(3) organization or a section 4947(a)(1) nonexempt charitable trust.

▶ **Attach to Form 990 or Form 990-EZ.** ▶ **See separate instructions.**  
▶ **Information about Schedule A (Form 990 or 990-EZ) and its instructions is at**  
**[www.irs.gov/form990](http://www.irs.gov/form990).**

**2013**

**Open to Public Inspection**

Department of the Treasury  
Internal Revenue Service

**Name of the organization**  
MACHINE SCIENCEINC

**Employer identification number**  
04-3566815

**Part I Reason for Public Charity Status** (All organizations must complete this part.) See instructions.

The organization is not a private foundation because it is (For lines 1 through 11, check only one box )

- 1  A church, convention of churches, or association of churches described in **section 170(b)(1)(A)(i).**
- 2  A school described in **section 170(b)(1)(A)(ii).** (Attach Schedule E )
- 3  A hospital or a cooperative hospital service organization described in **section 170(b)(1)(A)(iii).**
- 4  A medical research organization operated in conjunction with a hospital described in **section 170(b)(1)(A)(iii).** Enter the hospital's name, city, and state \_\_\_\_\_
- 5  An organization operated for the benefit of a college or university owned or operated by a governmental unit described in **section 170(b)(1)(A)(iv).** (Complete Part II )
- 6  A federal, state, or local government or governmental unit described in **section 170(b)(1)(A)(v).**
- 7  An organization that normally receives a substantial part of its support from a governmental unit or from the general public described in **section 170(b)(1)(A)(vi).** (Complete Part II )
- 8  A community trust described in **section 170(b)(1)(A)(vi)** (Complete Part II )
- 9  An organization that normally receives (1) more than 33 1/3% of its support from contributions, membership fees, and gross receipts from activities related to its exempt functions—subject to certain exceptions, and (2) no more than 33 1/3% of its support from gross investment income and unrelated business taxable income (less section 511 tax) from businesses acquired by the organization after June 30, 1975 See **section 509(a)(2).** (Complete Part III )
- 10  An organization organized and operated exclusively to test for public safety See **section 509(a)(4).**
- 11  An organization organized and operated exclusively for the benefit of, to perform the functions of, or to carry out the purposes of one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2) See **section 509(a)(3).** Check the box that describes the type of supporting organization and complete lines 11e through 11h  
  - a  Type I b  Type II c  Type III - Functionally integrated d  Type III - Non-functionally integrated
- e  By checking this box, I certify that the organization is not controlled directly or indirectly by one or more disqualified persons other than foundation managers and other than one or more publicly supported organizations described in section 509(a)(1) or section 509(a)(2)
- f  If the organization received a written determination from the IRS that it is a Type I, Type II, or Type III supporting organization, check this box
- g Since August 17, 2006, has the organization accepted any gift or contribution from any of the following persons?  
  - (i) A person who directly or indirectly controls, either alone or together with persons described in (ii) and (iii) below, the governing body of the supported organization?
  - (ii) A family member of a person described in (i) above?
  - (iii) A 35% controlled entity of a person described in (i) or (ii) above?
- h Provide the following information about the supported organization(s)

	Yes	No
<b>11g(i)</b>		
<b>11g(ii)</b>		
<b>11g(iii)</b>		

(i) Name of supported organization	(ii) EIN	(iii) Type of organization (described on lines 1- 9 above or IRC section (see instructions))	(iv) Is the organization in col (i) listed in your governing document?		(v) Did you notify the organization in col (i) of your support?		(vi) Is the organization in col (i) organized in the U S ?		(vii) Amount of monetary support
			Yes	No	Yes	No	Yes	No	
<b>Total</b>									

**Part II Support Schedule for Organizations Described in Sections 170(b)(1)(A)(iv) and 170(b)(1)(A)(vi)**  
(Complete only if you checked the box on line 5, 7, or 8 of Part I or if the organization failed to qualify under Part III. If the organization fails to qualify under the tests listed below, please complete Part III.)

**Section A. Public Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
<b>1</b> Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")	204,644	394,625	40,082	72,935	101,654	813,940
<b>2</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>3</b> The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>4 Total.</b> Add lines 1 through 3	204,644	394,625	40,082	72,935	101,654	813,940
<b>5</b> The portion of total contributions by each person (other than a governmental unit or publicly supported organization) included on line 1 that exceeds 2% of the amount shown on line 11, column (f)						247,442
<b>6 Public support.</b> Subtract line 5 from line 4						566,498

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
<b>7</b> Amounts from line 4	204,644	394,625	40,082	72,935	101,654	813,940
<b>8</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
<b>9</b> Net income from unrelated business activities, whether or not the business is regularly carried on						
<b>10</b> Other income Do not include gain or loss from the sale of capital assets (Explain in Part IV )						
<b>11 Total support</b> (Add lines 7 through 10)						813,940
<b>12</b> Gross receipts from related activities, etc (see instructions)					<b>12</b>	454,064
<b>13 First five years.</b> If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and <b>stop here</b> . . . . . <input type="checkbox"/>						

**Section C. Computation of Public Support Percentage**

<b>14</b> Public support percentage for 2013 (line 6, column (f) divided by line 11, column (f))	<b>14</b>	69 600 %
<b>15</b> Public support percentage for 2012 Schedule A, Part II, line 14	<b>15</b>	67 340 %
<b>16a 33 1/3% support test—2013.</b> If the organization did not check the box on line 13, and line 14 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization <input checked="" type="checkbox"/>		
<b>b 33 1/3% support test—2012.</b> If the organization did not check a box on line 13 or 16a, and line 15 is 33 1/3% or more, check this box and <b>stop here.</b> The organization qualifies as a publicly supported organization <input type="checkbox"/>		
<b>17a 10%-facts-and-circumstances test—2013.</b> If the organization did not check a box on line 13, 16a, or 16b, and line 14 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization <input type="checkbox"/>		
<b>b 10%-facts-and-circumstances test—2012.</b> If the organization did not check a box on line 13, 16a, 16b, or 17a, and line 15 is 10% or more, and if the organization meets the "facts-and-circumstances" test, check this box and <b>stop here.</b> Explain in Part IV how the organization meets the "facts-and-circumstances" test The organization qualifies as a publicly supported organization <input type="checkbox"/>		
<b>18 Private foundation.</b> If the organization did not check a box on line 13, 16a, 16b, 17a, or 17b, check this box and see instructions <input type="checkbox"/>		

**Part III Support Schedule for Organizations Described in Section 509(a)(2)**

(Complete only if you checked the box on line 9 of Part I or if the organization failed to qualify under Part II. If the organization fails to qualify under the tests listed below, please complete Part II.)

**Section A. Public Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
<b>1</b> Gifts, grants, contributions, and membership fees received (Do not include any "unusual grants.")						
<b>2</b> Gross receipts from admissions, merchandise sold or services performed, or facilities furnished in any activity that is related to the organization's tax-exempt purpose						
<b>3</b> Gross receipts from activities that are not an unrelated trade or business under section 513						
<b>4</b> Tax revenues levied for the organization's benefit and either paid to or expended on its behalf						
<b>5</b> The value of services or facilities furnished by a governmental unit to the organization without charge						
<b>6 Total.</b> Add lines 1 through 5						
<b>7a</b> Amounts included on lines 1, 2, and 3 received from disqualified persons						
<b>b</b> Amounts included on lines 2 and 3 received from other than disqualified persons that exceed the greater of \$5,000 or 1% of the amount on line 13 for the year						
<b>c</b> Add lines 7a and 7b						
<b>8 Public support</b> (Subtract line 7c from line 6)						

**Section B. Total Support**

Calendar year (or fiscal year beginning in) ▶	(a) 2009	(b) 2010	(c) 2011	(d) 2012	(e) 2013	(f) Total
<b>9</b> Amounts from line 6						
<b>10a</b> Gross income from interest, dividends, payments received on securities loans, rents, royalties and income from similar sources						
<b>b</b> Unrelated business taxable income (less section 511 taxes) from businesses acquired after June 30, 1975						
<b>c</b> Add lines 10a and 10b						
<b>11</b> Net income from unrelated business activities not included in line 10b, whether or not the business is regularly carried on						
<b>12</b> Other income. Do not include gain or loss from the sale of capital assets (Explain in Part IV.)						
<b>13 Total support.</b> (Add lines 9, 10c, 11, and 12.)						
<b>14 First five years.</b> If the Form 990 is for the organization's first, second, third, fourth, or fifth tax year as a 501(c)(3) organization, check this box and <b>stop here</b> <input type="checkbox"/>						

**Section C. Computation of Public Support Percentage**

<b>15</b> Public support percentage for 2013 (line 8, column (f) divided by line 13, column (f))	<b>15</b>	
<b>16</b> Public support percentage from 2012 Schedule A, Part III, line 15	<b>16</b>	

**Section D. Computation of Investment Income Percentage**

<b>17</b> Investment income percentage for <b>2013</b> (line 10c, column (f) divided by line 13, column (f))	<b>17</b>	
<b>18</b> Investment income percentage from <b>2012</b> Schedule A, Part III, line 17	<b>18</b>	

- 19a 33 1/3% support tests—2013.** If the organization did not check the box on line 14, and line 15 is more than 33 1/3%, and line 17 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization
- b 33 1/3% support tests—2012.** If the organization did not check a box on line 14 or line 19a, and line 16 is more than 33 1/3% and line 18 is not more than 33 1/3%, check this box and **stop here**. The organization qualifies as a publicly supported organization
- 20 Private foundation.** If the organization did not check a box on line 14, 19a, or 19b, check this box and see instructions



**Part IV** **Supplemental Information.** Provide the explanations required by Part II, line 10; Part II, line 17a or 17b; and Part III, line 12. Also complete this part for any additional information. (See instructions).

**Facts And Circumstances Test**

Return Reference

Explanation

**SCHEDULE O**  
(Form 990 or 990-EZ)

Department of the Treasury  
Internal Revenue Service

**Supplemental Information to Form 990 or 990-EZ**

Complete to provide information for responses to specific questions on  
Form 990 or to provide any additional information.

▶ Attach to Form 990 or 990-EZ.

▶ Information about Schedule O (Form 990 or 990-EZ) and its instructions is at  
[www.irs.gov/form990](http://www.irs.gov/form990).

OMB No 1545-0047

**2013**

**Open to Public  
Inspection**

Name of the organization  
MACHINE SCIENCE INC

Employer identification number

04-3566815

**990 Schedule O, Supplemental Information**

Return Reference	Explanation
FORM 990-EZ, PART I, LINE 16	
FORM 990-EZ, PART II, LINE 24	ACCOUNTS RECEIVABLE 39,254 1,782 INVENTORIES FOR SALE OR USE 48,531 45,238 EQUIPMENT 3,232 3,232 LESS ACCUMULATED DEPRECIATION 3,232 3,232 SECURITY DEPOSIT 1,884 1,884 TOTAL 89,669 48,904
FORM 990-EZ, PART II, LINE 26	ACCOUNTS PAYABLE AND ACCRUED EXPENSES 5,005 391

# TY 2013 Compensation Explanation

**Name:** MACHINE SCIENCEINC

**EIN:** 04-3566815

Person Name	Explanation
SAMUEL CHRISTY	
IVAN RUDNICKI	
TODD RICE	
NATALIE RUSK	
DEBORAH MUSCELLA	
ED HURLEYWALES	
EMILY LIN	