



Security Engineered Machinery Co., Inc.

OPERATIONAL & MAINTENANCE MANUAL

SEM Model 1201P Shredder



As of April 1, 2009

Security Engineered Machinery Co., Inc.

NATIONWIDE SERVICE

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FORWORD

This manual provides the operation procedures for the paper shredder Model 1201P.

Please read this manual thoroughly before starting up the shredder. Keep this manual handy so that you can refer to it at any time.

The signal words “Warning” and “Caution” found in this manual and on warning labels affixed to the shredder correspond to the degree of injury that may result.

 Warning	Indicates a potentially hazardous situation, if not avoided, could result in serious injury.
 CAUTION	Indicates a potentially hazardous situation which, if not avoided, may result in minor or moderate injury. It is also used to alert against property damage.

In addition to the signal words mentioned above, the following two symbols are used to indicate the prohibited actions and to highlight the important actions.

<Example>



Indicates prohibited actions. Example means “do not dismantle the product”.



Indicates mandatory actions or restricted actions. Example means “pull out the power plug”.

**DO NOT USE SHREDDER FOR ANY OTHER PURPOSE
THAN DESCRIBED IN THIS MANUAL.**

For NATIONWIDE SERVICE call 1(800)225-9293

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Intended Use

This paper shredder is exclusively designed for destroying paper documents only.

SAFETY PRECAUTIONS



WARNING



Keep out of reach of children, sharp cutters inside may cause injury.



Do not allow children to use the shredder and do not use it within children's reach. If they touch the shredder, injury, burn and/or electric shock may result.



Do not use the shredder with any other voltage than specified in this manual. Do not overload the receptacles by plugging too many leads into a single socket. It may cause a fire or electric shock.



Do not remove the covers, cases or cabinets. Sharp cutters inside may cause injury.



Do not damage, break or deform the power cord. Do not place heavy objects on it, pull it or bend it forcedly. Damage power cord may cause a fire or electric shock.



Do not modify the shredder; it may cause a fire or electric shock.



Stop using the shredder immediately when smoke is emitted, unusual smell comes out and /or abnormal heat is generated. Turn off the power switch and pull out the power plug. Then contact us at 800-225-9293. Do not use it continuously a fire or electric shock may result.



If shredder comes in contact with any foreign material such as a metal,

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water or any liquid, immediately turn off power switch and pull out the power plug. Then contact us at 800-225-9293

SAFETY PRECAUTIONS Cont....



Do not plug in or unplug the power cord with wet hands, electric shock may result.



Do not carry out any maintenance or services other than the ones mentioned in this manual. Opening or removal of covers will expose you to dangerous moving parts, therefore may cause serious injury.



CAUTION



Do not insert hands or other objects into the throat opening, sharp cutters inside may cause serious injury.



Do not hold paper near the feed opening with your hands and do not push paper into it. The pulling force of the motor is very strong and hands may get pulled in and seriously injured.



Keep all loose articles of clothing, long hair, ties, scarves, necklaces, bracelets etc away from the feed opening. Injury may result if such items are drawn in press the “**STOP**” button immediately.



Do not insert any article other than paper. Do not shred carbon paper, wet paper, glue backed paper, stickers, self-adhesive envelopes, DHL/FEDEX labels, security tape, adhesive tape, OHP films, magnet sheets, plastic bags and clothes attention.



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Do not, place shredder, on an unstable area such as an uneven floor or stand injury may result if it falls.

SAFETY PRECAUTIONS Cont....



Do not install the shredder in humid or dusty place. Keep water away from the shredder if water splashes on it fire or electrical shock may result.



Always pull out the plug before moving the shredder. If the power cord is damaged a fire or electric shock may result.



Turn off the breaker after using the shredder. If it is not used for a long period of time pull out the power plug. If it is plugged for a long time it may cause a fire.



Do not pull the power cord when pulling out the plug. I the cord is damaged a fire may result.



Do not place any heavy object on the shredder if it falls injury may result.

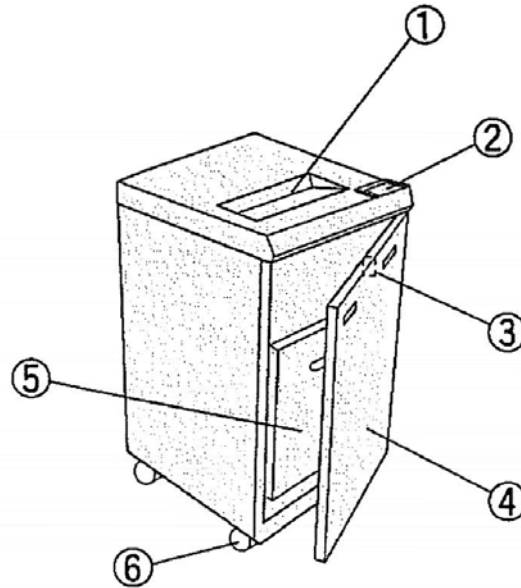
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SPECIFICATIONS

MODEL	1201P
Feed opening/loading width	12.40" (315 mm)
Shred Size	Approximately 0.24" x 0.56"
Cutting Type	Cross Confetti Cut
Rated Sheet Capacity	Letter size copy paper (20lb) Approximately 22 sheets Maximum 45 sheets
Cutting Speed	Approximately 2.2 – 10.45 yard / min
Input Voltage	120V AC / 8.0A (Max. 14A) / 60 Hz
Rated Power Consumption	720 W
Stand-by Power Consumption	0 W (5 min. after operation)
Dimensions	20" x 20" x 34"
Weight	Approximately 191.4 lbs
Other	Super potential power unit (variable speed control) No power consumption during stand-by Paper jam prevention mechanism LCD display with backlight Automatic start/stop, Automatic power cut-off Overflow stop, Auto reverse, Auto cut Cabinet door switch Circuit breaker (used as power switch) Safety beep, Error message, Caster

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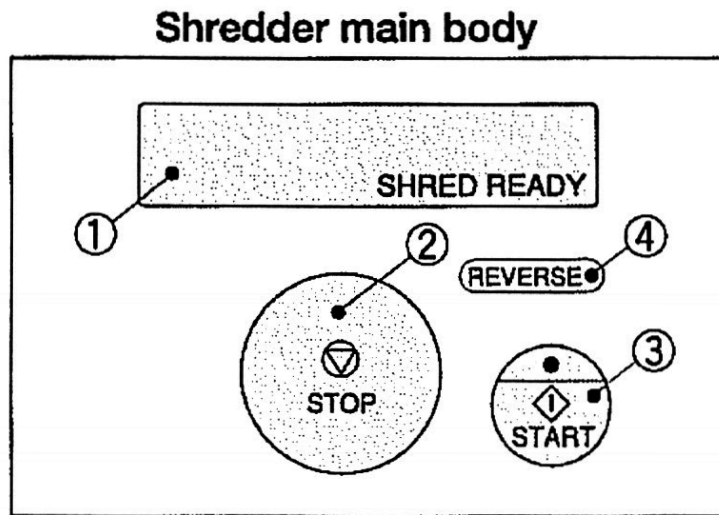
PARTS IDENTIFICATION



NAME	FUNCTION
(1) Throat Opening	Paper to be shredded is fed through here
(2) Operation keys and display	See Page 8
(3) Breaker used as Main switch	Used as the main ON/OFF switch. It works in case of circuit failure or motor lock in order to protect the motor from burnout.
(4) Cabinet Door	Opened to take out/put in the waste basket
(5) Waste Basket	Shredded particles are stored here
(6) Casters	Used to move the shredder, Front casters have stoppers which should be locked at the installation place.

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OPERATION KEYS AND DISPLAY

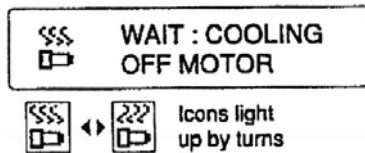


NAME	FUNCTION
(1) Liquid Crystal Display	Current status is displayed
(2) STOP key	Stops shredding and paper feeding
(3) START key (shredder)	Pressing the upper side of this key after turning on the breaker or during power saving mode makes shredder ready for operation
(4) REVERSE key	Cutting block runs in reverse while this key is pressed

SAFETY FUNCTIONS

Safety Devices

(1) Auto-cut (Motor overheating protection)

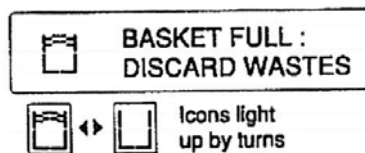


When motor is locked or overloaded for a certain period of time the motor overheat protection is activated to cut off the motor power. When activated a beep sounds and the machine will stop. When motor is cooled the machine will reset automatically and the alarm beeps again.

(2) Cabinet Door Switch

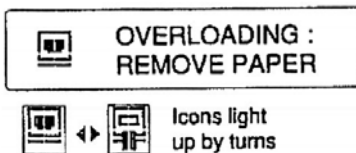
Prevents the shredder from operating while cabinet door is open.

(3) Overflow Stop



When the waste basket becomes full the shredder automatically stops after leveling shredded material.

(4) Auto Reverse



When exceeding the maximum sheet capacity the shredder may get jammed the shredder will stop and then reverses automatically so that the jammed paper can be removed. Pressing the REVERSE key also activates the reverse operation.

(5) Circuit Breaker

To protect against circuit failure the motor is locked for a certain period of time, this feature will protect the motor wiring from burnout and overload.

(6) Feed Opening Switch

The feed opening switch prevents the shredder from operating while the jammed paper is being removed through its enlarged feed opening this operation uses the auto reverse function.

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SAFETY FUNCTIONS Cont...

Alarm and Beep

(1) Acceptance Beep

It sounds on acceptance of key entry and when the machine status changes

(2) Alarm

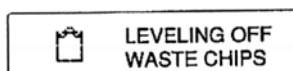
Shred Runs by Start Key Press

The beep sounds intermittently every 5 seconds when paper or foreign articles are detected near the feed opening while the shredder stops and the screen shown above is displayed.

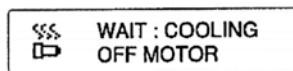
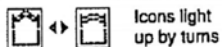
Note: If this status lasts for more than 3 minutes, the machine locks up temporarily and Error 1 is displayed.

(3) Status Information Beep

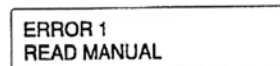
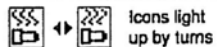
In the following occasions, the information beep sounds to notify the status change.



When the shredder starts evening out the waste chips
After detecting that the waste basket is full.



When the auto-cut function is activated and when the
machine restores itself.

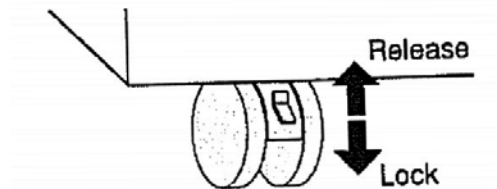


When an error is generated;
Note: for details of errors refer to pages 22-23

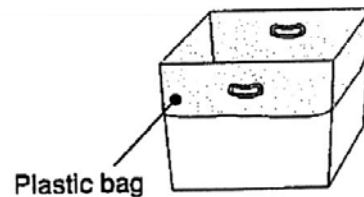
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INSTALLATIONS

- ❖ Place the shredder near the power outlet in such a way that the power plug is easily accessible.
Note1: Do not install the shredder near heat sources such as radiator, flammable liquids or gases.
Note 2: Do not install the shredder on uneven or unstable floor.
- ❖ Lock the front two casters.




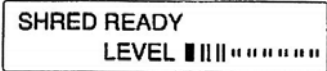
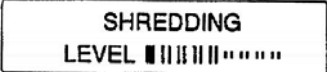
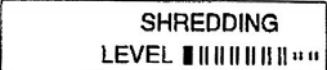
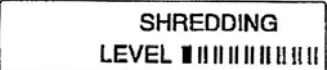

- Note: Before moving the shredder, make sure that the locks of front two casters are released.
- ❖ Insert the plug into the outlet which means the specifications on the nameplates (i.e. 120V ac, 15 Amps).
Make sure that no other equipment uses the same outlet.
 - ❖ Attach a plastic bag firmly to the waste basket so that you can change the bag without scattering paper chips.
Note: Make sure to remove the air between the plastic bag and the basket. If not it may cause a malfunction of the sensor detecting waste volume level.



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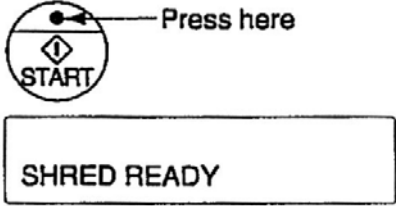
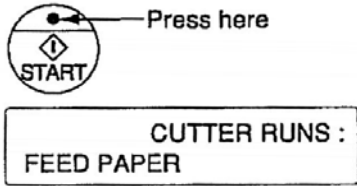
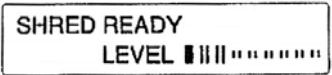

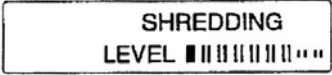
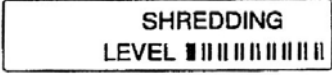
OPERATING PROCEDURES

Automatic Operation

Procedure	Display
<p>Turn on the breaker and press the upper part of START key of the shredder. The SHRED READY screen appears.</p> <p>Note: If idle for more than 5 minutes it goes into the power save mode and all power goes off. Press the upper part of the START key again to restore.</p>	 <p style="text-align: center;">SHRED READY</p>
<p>Feed the paper straight forward into the throat opening by aligning the center part to the <small>AUTO START</small> mark. When paper is drawing into the shredder, remove your hands immediately.</p> <p>Shredding volume is displayed in 4 levels as shown in the right.</p> <ul style="list-style-type: none"> ● It is recommended to shred the paper with the volume of (a) to (c) levels. ● If the paper to be shredded exceeds the level (d), auto-reverse function may work. <p>Note: Shred levels vary depending on the paper quality and/or voltage fluctuation, so take these levels as a reference.</p>	<p>a. Shred volume : LOW</p>  <p>b. and c. are both mediums</p> <p>b. Shred volume : MIDDLE</p>  <p>c. Shred volume : MIDDLE</p>  <p>d. Shred volume : HIGH</p> 
<p>After using the shredder, turn OFF the main breaker and pull out the plug from the outlet.</p>	

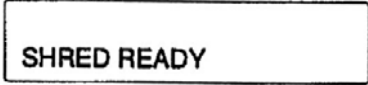
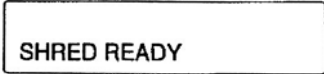


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MANUAL OPERATION

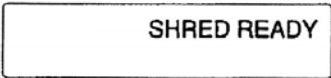
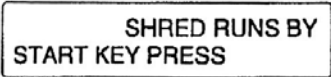
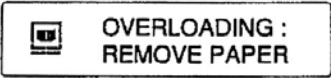

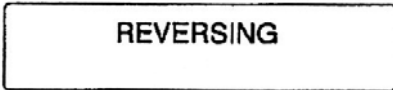
Procedure	Display
<p>Turn on the breaker and press the upper part of START key. The SHRED READY screen appears.</p> <p>Note: If idle for more than 5 minutes it goes into the power save mode and all power goes off. Press the upper part of the START key again to restore.</p>	
<p>Press the START key the cutters start running and the screen changes as shown in right.</p>	
<p>Feed the paper straight forward into the feed opening by aligning the center part to the <small>AUTO START</small> MARK. When paper is drawing into the shredder, remove your hands immediately.</p> <p>Shredding volume is displayed in 4 levels as shown in the right.</p> <ul style="list-style-type: none"> ● It is recommended to shred the paper with the volume of (a) to (c) levels. ● If the paper to be shredded exceeds the level (d), auto-reverse function may work. <p>Note: Shred levels vary depending on the paper quality and/or voltage fluctuation so take these levels as a reference.</p>	<p>a. Shred volume : LOW</p>  <p>B. and C. are both mediums</p> <p>b. Shred volume : MIDDLE</p>  <p>c. Shred volume : MIDDLE</p>  <p>d. Shred volume : HIGH</p> 

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MANUAL OPERATION Cont....

Procedure	Display
<p>The cutters stop automatically approximately 10 seconds after the paper disappears from the feed opening and the screen changes to SHRED READY. For continuous shredding, feed the next paper within 10seconds</p>	
<p>To stop the shredding during operation, press the STOP key. The cutters will stop if the paper has disappeared from the feed opening when the STOP key is pressed the screen (a) is displayed. If it remains the screen (b) is displayed. In this status the alarm beeps continuously.</p>	<p>a.</p>  <p>b.</p> 
<p>After using the shredder turn OFF the main breaker and pull out the plug from the outlet.</p>	

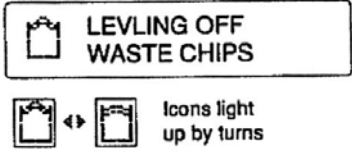
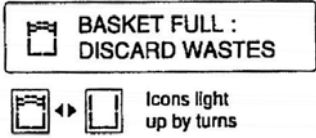
Reverse Operation

Procedure	Display
<p>Reverse operation is possible while one of the following 3 screens displays.</p> <ul style="list-style-type: none"> ● SHRED READY ● SHRED RUNS BY START KEY PRESS, OR ● OVERLOADING: REMOVE PAPER 	   
<p>Press the REVERSE key. While you are pressing the key, the cutter rotates in reverse direction.</p>	

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MANUAL OPERATION Cont....

Discarding Waste

Procedure	Display
<p>When the waste basket is full, the status information beep sounds and the shredder evens out the particle automatically for about 10 seconds.</p> <p>⚠ CAUTION</p> <p>Do not open the cabinet door during this operation.</p>	 <p>LEVLING OFF WASTE CHIPS</p> <p>Icons light up by turns</p>
<p>After 10 seconds, the display changes as shown on the right. Open the cabinet door and shake the basket lightly by hand to level off the particles.</p> <p>Not: When the cabinet door opens, all power goes off for safety.</p>	 <p>BASKET FULL : DISCARD WASTES</p> <p>Icons light up by turns</p>
<p>If the particles reach the height of the basket handles, take the basket out and discard the shreds.</p>	

TROUBLESHOOTING

Error Messages

Error No.	Cause	Corrective Action
Error 1	If paper or any foreign article is fed at the feed opening and left there without shredding for about 3 minutes, the machine locks up temporarily and Error 1 is displayed.	<ol style="list-style-type: none"> 1) Turn OFF the breaker and pull out the plug. 2) Remove the paper or foreign article at the feed opening. 3) Turn ON the breaker again.
Error 2	After the auto-reverse function is activated, and if the paper still remains at feed opening for about 2 minutes, the machine locks up temporarily and Error 2 is displayed.	<ol style="list-style-type: none"> 1) turn OFF the breaker and pull out the plug. 2) Remove the paper at the feed opening. 3) Turn ON the breaker again.
Error 3	If the shredder is operated continuously for more than 30 minutes, the machine locks up temporarily and Error 3 is displayed	<ol style="list-style-type: none"> 1) Turn OFF the breaker. 2) Turn ON the breaker again.
Error 4	If the waste leveling motor is locked, the machine locks up temporarily to protect the motor from burning and Error 4 is displayed.	<ol style="list-style-type: none"> 1) Turn OFF breaker. 2) Check the waste basket, if it is full empty the basket. 3) Turn ON the breaker.
Error 8	If overheating prevention of controller works, Error 9 is displayed.	<ol style="list-style-type: none"> 1) Turn OFF the breaker and wait for a certain period of time. 2) Turn ON the breaker. 3) If the error still occurs, contact SEM's Customer Service at 1(800)225-9293
Error 6 Error 7	If any malfunction of controller occurs, Error 6 or 7 is displayed.	<ol style="list-style-type: none"> 1) Reset the breaker. 2) If the error still occurs, contact SEM's Customer Service at 1(800)225-9293
Error 9	If LCD has any problem, Error 9 is displayed.	<ol style="list-style-type: none"> 1) Reset the breaker. 20 If the error still occurs, contact SEM's Customer Service at 1(800)225-9293

If any error occurs after taking the corrective actions mentioned above, check the error number and contact SEM's Customer service at 1 (800)225-9293. Do not attempt to conduct any actions other than the ones mentioned above.

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TROUBLESHOOTING Cont...

Common Troubleshooting

Symptom	Corrective Action	Refer to
Shredder does not start shredding even when paper is fed manually	Confirm power source is OK	—
	Check to see that the plug is inserted into the outlet.	—
	Confirm that the breaker is ON.	—
	Check to see if the auto-cut is not activated.	Page 9
	Check to see if the overflow stop is not activated.	Page 9
	Check to see if the sensor at the feed opening is not activated.	Page 9
	Check the machine to see if it is in the power save mode.	Page 12
	Check to see if the cabinet cover is closed.	Page 9
	Check for any error message displayed on the screen.	Page 16
Shredder does not stop	Check to see if paper is stuck in the feed opening. If yes, 1) Press the STOP key 2) Pull out the plug 3) Remove the paper	—
Shredder moves back when paper is fed.	Check for too many sheets being fed	—
Paper is not shredded smoothly	Check the quality of the paper. Do not cut cardboard or wet paper	Page 5 & 12

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DAILY MAINTENANCE



Warning

Do not dismantle or repair the product. Sharp cutters inside may cause injury. Opening or removal of covers allows you to access dangerous moving parts and live parts inside and accessing such parts may cause injury.



Caution

Always pull out the plug before cleaning or performing any type of maintenance to avoid Electric shock.



Do not use oils or sprays on the shredder. It may cause a fire or explosion.



Do not use water for cleaning the shredder. It may cause electric shock.



Do not use polishing powder, thinner, petroleum-based products or aerosols of any kinds on or near the shredder at anytime. It may cause damage, deformation, discoloration or flaw.



Procedure

Pull out the plug before cleaning or performing any type of maintenance.

Clean the shredder cabinet with dry and soft cloth. If there is heavy stain on a cabinet, soak a soft cloth into a neutral detergent, squeeze it and wipe the stain out with it. Then wipe the cabinet with dry soft cloth.

Note: For your safety, maintenance and cleaning should be limited to the exterior of shredder.

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Parts List

No.	Description	Part No.	Quantity
1	Instruction Manual	SMSZ48335A11	1
2			
3	Rating Name Plate	SMSZ48329A11	1
4	Machine Number Plate	SMSZ48078A11	1
5	Machine Name Plate	SMSZ48332A11	1
6	Label for Disassemble Prohibition	SMSZ47966B11	1
7	MS43 Packing Complete Set	SMSZ47345A01	1
8	Waste Bag M	SMSZ46537A01	1
9	Waste Box	SMSZ6470B11	1
10	Cover	SMSZ8312A11	1
11	Upper Cover	SMSZ1587D01	1
12	Plate for Protection Against Vibration *Large	SMSZ45729B11	1
13	Plate for Protection Against Vibration *Middle	SMSZ45730A12	4
14	Plate for Protection Against Vibration *Small	SMSZ45731B11	1
15	Instruction Plate	SMSZ31068B11	1
16	Upper Cover Rubber (rear)	SMSZ8193A12	6
17	Positioning Plate	SMSZ30304F11	1
18	Spacer	SMCP-403	3
19	STOP Button Reinforcement Plate	SMSZ48065B11	1
20	Spacer	SMASP-422	2
21	Operation Plate	SMSZ31067A12	1
22	Display Window	SMSZ47095C11	1
23	Reverse Button	SMSZ47909A11	1
24	Stop Button	SMSZ47908A11	1
25	Start Button	SMSZ47907A11	1
26	Switch PC Button	SMSZ31124B01	1
27	S/W Relay Wire	SMSZ45702A01	1
28	Board Cover 2	SMSZ47999B11	1
29	Spacer	SMBSP-408E	1
30	Spacer	SMASP-418	3
31	Fireproofing Film Grommet	SMC-30-SG-22A-UL	1
32	Shooting Plate Assembly	SMSZ30957E01	1
33	Loading Slot Plate	SMSZ30308A12	1
34	Loading Slot Cushion	SMSZ46326B11	2
35	Loading Slot Shaft	SMSZ45996E11	1
36	Stretch Spring	SMSZ46057A11	1
37	Loading Slot SW Assembly	SMSZ47055C01	1
38	Warning Plate	SMSZ31069B11	1
39	Auto Start	SMGP2A20	1
40	Waste Light Sensor Packing	SMSZ44217B11	3
41	Loading Slot Relay Wire	SMSZ45697A01	1
42	Ground Wire	SMSZ48026A02	1
43	Main Body Housing	SMSZ1500N01	1
44	Magnet Catch	SMTL-185	1

For NATIONWIDE SERVICE call 1(800)225-9293

Parts List Ctn.....

No.	Description	Part No.	Quantity
45	Handle (main body)	SMSZ47171B11	2
46	Breaker Cord Assembly (UL)	SMSZ48122A01	1
47	One Touch Bush	SMSB562-7	1
48	Cord Fitting Plate	SMSZ8731B12	1
49	Cord Bush	SMSB8R-1	1
50	Waste Box Rail	SMSZ3059AC11	2
51	Waste Sensor Case	SMSZ30593D11	1
52	Photo Sensor	SMGP2A22	2
53	Plate for Sensor	SMSZ44760A11	2
54	Waste Sensor Harness	SMSZ46215A01	1
55	Caster (with brake)	SMP60GS	2
56	Caster (without brake)	SMP-60G	2
57	Cord Exit Plate (UL)	SMSZ48030B11	1
58	Earthing Plate	SMSZ8584A11	3
59	Pivot (upper)	SMSZ7408B011	1
60	Pivot Metal Washer	SMSZ8505A11	2
61	Pivot (lower)	SMSZ44759A01	1
62	Door	SMSZ2928A01	1
63	Adhension Plate	SMSZ8323A12	1
64	Door Rubber	SMSZ44279A11	1
65	Rubber Cusion	SMSZ46992B11	1
66	Handle (door)	SMSZ30717B11	1
67	Front Plate	SMSZ31070C01	1
68	Micro Switch (door)	SMA-20GV-B	1
69	Terminal Protection Cover	SMAP-B	1
70	Label for Handling Waste (UL)	SMSZ47964B11	1
71	Label for Waste Box (UL)	SMSZ47965B11	1
72	Circuit Breaker 10A	SM3130-Q110-10A	1
73	Breaker Relay Cord-Front Plate	SMSZ48032B01	1
74	Breaker Relay Harness	SMSZ48088A01	1
75	Ground Wire	SMSZ48026A01	1
76	Frame (left)	SMSZ2691C01	1
77	Frame (right)	SMSZ2747E01	1
78	Free Bush	SMU-BUSH-KG-32	2
79	Rubber for Protection Against Vibration	SMSZ4684C11	4
80	Stay	SMSZ4664A11	2
81	Front Cover	SMSZ30803C11	1
82	One Touch Bush	SMTB-1520	1
83	Fan Sensor Case	SMSZ30801C11	1
84	Swivel Sensor Harness	SMSZ47063E01	1
85	Diselectrification Brush Metal Fitting	SMSZ47352B11	1
86	Diselectrification Brush	SMSZ47353A11	1
87	Rear Cover	SMSZ6958H11	1
88	Control Circuit	SMSZMS-4XINV(UL)	1
89	Harness Assembly	SMSK1-40301	1
90	Harness Assembly	SMSK1-40305	1

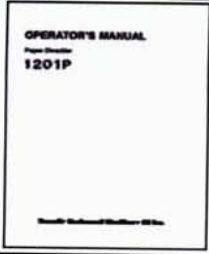

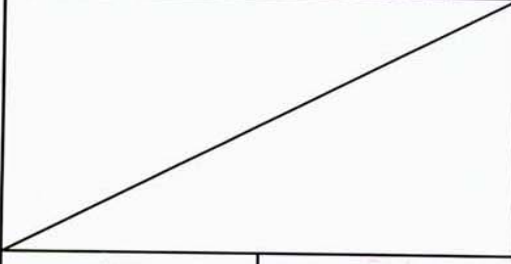

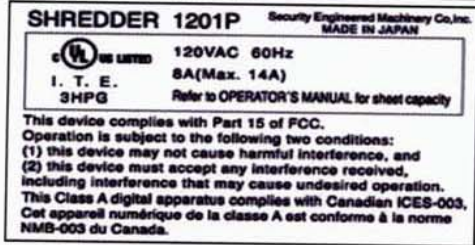





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Parts List Cont....

No.	Description	Part No.	Quantity
91	Harness Assembly	SMSK1-4011	1
92	Harness Assembly	SMSK-301894	1
93	Caution Name Plate for High Temperature	SMSZ48123A11	2
94	Chip Cover	SMSZ44723C11	1
95	IVS-4 Motor	SMMS-4(1U)	1
96	Spur Gear Z48	SMSZ46074A11	1
97	Parallel Key	SM7x7x14	1
98	Housing Stay	SMSZ6967E11	1
99	Bearing Frame (right)	SMSZ685F11	1
100	Bearing Frame (left)	SMSZ686G11	1
101	Main Cutter	SMSZ1403C11	1
102	Subsidiary Cutter	SMSZ1404C11	1
103	Paralle Key	SM7X7X16	4
104	Ball Bearing	SM6005ZZNR	4
105	Fixture Bar for Cutter Diaphragm	SMSZ45460B11	4
106	Cutter Diaphragm	SMSZ30076B11	56
107	Washer	SMSZ4951B11	9
108	Washer	SMSZ4951A12	3
109	Spur Gear Z71	SMSZ46075A11	1
110	Spur Gear SZ52	SMSZ45434C11	1
111	Reverse Gear Z=29	SMSZ45432C11	2
112	Bearing Reinforcing Plate	SMSZ45681D11	1
113	Spiral Cutter	SMSZ2650B11	1
114	Labyrinth Seal for 400W	SMSZ46169B11	2
115	Cone Roller Bearing	SMHR30205J	2
116	Spiral Cutter Frame	SMSZ2697B11	1
117	Shred Stopper Metal	SMSZ45846A11	1
118	Cutter Frame Supporting Plate (right)	SMSZ30097E11	1
119	Housing (right)	SMSZ3884C11	1
120	Adjusting Ring	SMSZ4708B11	1
121	Wave Washer	SMSZ4958A11	2
122	Cutter Frame Supporting Plate (left)	SMSZ30097E12	1
123	Housing (left)	SMSZ3885B11	1
124	Ring (3)	SMSZ4660C11	1
125	Spur Gear Z26	SMSZ45449C01	1
126	F Cutter	SMSZ30177A11	1
127	Lenear Diagram for Shreds Leveling Motor	SMSZ48028A01	1
128	Condenser for Motor Operation	SMUP45B604U2849A	1
129	Motor Fixture Plate	SMSZ30592D11	1
130	Circle Bearing	SMSZ46799B11	1
131	Parallel Bearing	SMSZ46984A11	1
132	Harness Cover for Fan Motor	SMSZ48040A11	1
133	Circle Assy	SMSZ30072A02	1


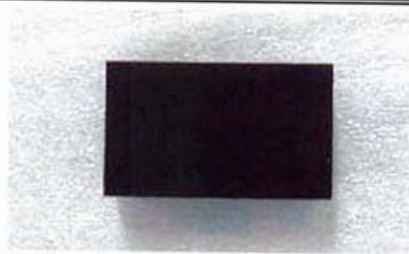








For NATIONWIDE SERVICE call 1(800)225-9293

1201P Service Parts List

No.	Parts		Parts						
1		6							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Instruction manual</td> <td>SMSZ48335A11</td> </tr> </table>		Name	Part No.	Instruction manual	SMSZ48335A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Label for Disassemble prohibition</td> <td>SMSZ47966B11</td> </tr> </table>	Name	Part No.
Name	Part No.								
Instruction manual	SMSZ48335A11								
Name	Part No.								
Label for Disassemble prohibition	SMSZ47966B11								
2		7							
			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>MS43 Packing complete set</td> <td>SMSZ47345A01</td> </tr> </table>	Name	Part No.	MS43 Packing complete set	SMSZ47345A01		
Name	Part No.								
MS43 Packing complete set	SMSZ47345A01								
3		8							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Related plate</td> <td>SMSZ48329A11</td> </tr> </table>		Name	Part No.	Related plate	SMSZ48329A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Waste bag M</td> <td>SMSZ46537A01</td> </tr> </table>	Name	Part No.
Name	Part No.								
Related plate	SMSZ48329A11								
Name	Part No.								
Waste bag M	SMSZ46537A01								
4		9							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Machine number plate</td> <td>SMSZ48078A11</td> </tr> </table>		Name	Part No.	Machine number plate	SMSZ48078A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Waste box</td> <td>SMSZ6470B11</td> </tr> </table>	Name	Part No.
Name	Part No.								
Machine number plate	SMSZ48078A11								
Name	Part No.								
Waste box	SMSZ6470B11								
5		10							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Machine name plate</td> <td>SMSZ48332A11</td> </tr> </table>		Name	Part No.	Machine name plate	SMSZ48332A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%;">Name</td> <td style="width: 50%;">Part No.</td> </tr> <tr> <td>Cover</td> <td>SMSZ8312A11</td> </tr> </table>	Name	Part No.
Name	Part No.								
Machine name plate	SMSZ48332A11								
Name	Part No.								
Cover	SMSZ8312A11								


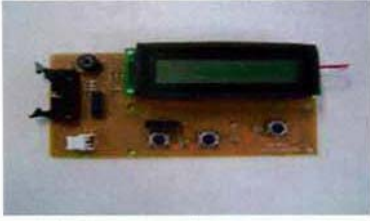







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1201P Service Parts List

No.	Parts		Parts						
11		16							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Upper cover</td> <td>SMSZ1587D01</td> </tr> </table>		Name	Cord	Upper cover	SMSZ1587D01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Upper cover rubber (rear)</td> <td>SMSZ8193A12</td> </tr> </table>	Name	Cord
Name	Cord								
Upper cover	SMSZ1587D01								
Name	Cord								
Upper cover rubber (rear)	SMSZ8193A12								
12		17							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Plate for protection against vibration - Large</td> <td>SMSZ45729B11</td> </tr> </table>		Name	Cord	Plate for protection against vibration - Large	SMSZ45729B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Positioning plate</td> <td>SMSZ30304F11</td> </tr> </table>	Name	Cord
Name	Cord								
Plate for protection against vibration - Large	SMSZ45729B11								
Name	Cord								
Positioning plate	SMSZ30304F11								
13		18							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Plate for protection against vibration - Middle</td> <td>SMSZ45730A12</td> </tr> </table>		Name	Cord	Plate for protection against vibration - Middle	SMSZ45730A12	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Spacer</td> <td>SMCP-403</td> </tr> </table>	Name	Cord
Name	Cord								
Plate for protection against vibration - Middle	SMSZ45730A12								
Name	Cord								
Spacer	SMCP-403								
14		19							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Plate for protection against vibration - Small</td> <td>SMSZ45731B11</td> </tr> </table>		Name	Cord	Plate for protection against vibration - Small	SMSZ45731B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>STOP button reinforcement plate</td> <td>SMSZ48065B11</td> </tr> </table>	Name	Cord
Name	Cord								
Plate for protection against vibration - Small	SMSZ45731B11								
Name	Cord								
STOP button reinforcement plate	SMSZ48065B11								
15		20							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Instruction plate</td> <td>SMSZ31068B11</td> </tr> </table>		Name	Cord	Instruction plate	SMSZ31068B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Spacer</td> <td>SMASP-422</td> </tr> </table>	Name	Cord
Name	Cord								
Instruction plate	SMSZ31068B11								
Name	Cord								
Spacer	SMASP-422								


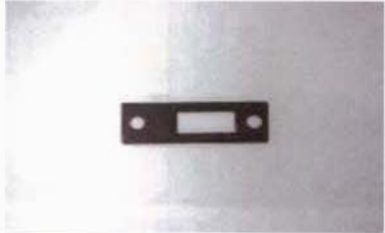
For NATIONWIDE SERVICE call 1(800)225-9293

1201P Service Parts List

No.	Parts		Parts						
21		26							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Operation plate</td> <td>SMSZ31067A12</td> </tr> </table>		Name	Cord	Operation plate	SMSZ31067A12	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Switch PC board</td> <td>SMSZ31124B01</td> </tr> </table>	Name	Cord
Name	Cord								
Operation plate	SMSZ31067A12								
Name	Cord								
Switch PC board	SMSZ31124B01								
22		27							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Display window</td> <td>SMSZ47095C11</td> </tr> </table>		Name	Cord	Display window	SMSZ47095C11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>S/W relay wire</td> <td>SMSZ45702A01</td> </tr> </table>	Name	Cord
Name	Cord								
Display window	SMSZ47095C11								
Name	Cord								
S/W relay wire	SMSZ45702A01								
23		28							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Reverse button</td> <td>SMSZ47909A11</td> </tr> </table>		Name	Cord	Reverse button	SMSZ47909A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Board cover 2</td> <td>SMSZ47999B11</td> </tr> </table>	Name	Cord
Name	Cord								
Reverse button	SMSZ47909A11								
Name	Cord								
Board cover 2	SMSZ47999B11								
24		29							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Stop button</td> <td>SMSZ47908A11</td> </tr> </table>		Name	Cord	Stop button	SMSZ47908A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Spacer</td> <td>SMBSP-408E</td> </tr> </table>	Name	Cord
Name	Cord								
Stop button	SMSZ47908A11								
Name	Cord								
Spacer	SMBSP-408E								
25		30							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Start button</td> <td>SMSZ47907A11</td> </tr> </table>		Name	Cord	Start button	SMSZ47907A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Spacer</td> <td>SMASP-418</td> </tr> </table>	Name	Cord
Name	Cord								
Start button	SMSZ47907A11								
Name	Cord								
Spacer	SMASP-418								


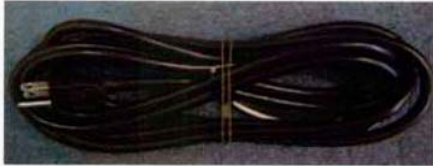



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1201P Service Parts List

No.	パーツ名		パーツ名
31			
	Name	Cord	
	Fireproofing film grommet	SMC-30-SG-22A-UL	
32			
	Name	Cord	
	Shooting plate assembly	SMSZ30957E01	
33			
	Name	Cord	
	Loading slot plate	SMSZ30308A12	
34			
	Name	Cord	
	Loading slot cushion	SMSZ46326B11	
35			
	Name	Cord	
	Loading slot shaft	SMSZ45996E11	
36			
	Name	Cord	
	Stretch spring	SMSZ46057A11	
37			
	Name	Cord	
	Loading slot SW assembly	SMSZ47055C01	
38			
	Name	Cord	
	Warning plate	SMSZ31069B11	
39			
	Name	Cord	
	Auto start	SMGP2A20	
40			
	Name	Cord	
	Waste light sensor packing	SMSZ44217B11	




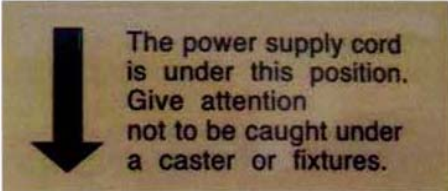






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1201P Service Parts List

No.	Parts		Parts						
41		46							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Loading slot relay wire</td> <td>SMSZ45697A01</td> </tr> </table>		Name	Cord	Loading slot relay wire	SMSZ45697A01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Breaker cord assembly (UL)</td> <td>SMSZ48122A01</td> </tr> </table>	Name	Cord
Name	Cord								
Loading slot relay wire	SMSZ45697A01								
Name	Cord								
Breaker cord assembly (UL)	SMSZ48122A01								
42		47							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Ground wire</td> <td>SMSZ48026A02</td> </tr> </table>		Name	Cord	Ground wire	SMSZ48026A02	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>One touch bush</td> <td>SMSB562-7</td> </tr> </table>	Name	Cord
Name	Cord								
Ground wire	SMSZ48026A02								
Name	Cord								
One touch bush	SMSB562-7								
43		48							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Main body housing</td> <td>SMSZ1500N01</td> </tr> </table>		Name	Cord	Main body housing	SMSZ1500N01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Cord fitting plate</td> <td>SMSZ8731B12</td> </tr> </table>	Name	Cord
Name	Cord								
Main body housing	SMSZ1500N01								
Name	Cord								
Cord fitting plate	SMSZ8731B12								
44		49							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Magnet catch</td> <td>SMTL-185</td> </tr> </table>		Name	Cord	Magnet catch	SMTL-185	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Cord bush</td> <td>SMSB8R-1</td> </tr> </table>	Name	Cord
Name	Cord								
Magnet catch	SMTL-185								
Name	Cord								
Cord bush	SMSB8R-1								
45		50							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Handle (main body)</td> <td>SMSZ47171B11</td> </tr> </table>		Name	Cord	Handle (main body)	SMSZ47171B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Waste box rail</td> <td>SMSZ30591C11</td> </tr> </table>	Name	Cord
Name	Cord								
Handle (main body)	SMSZ47171B11								
Name	Cord								
Waste box rail	SMSZ30591C11								







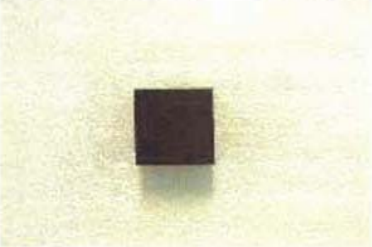



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1201P Service Parts List

No.	Parts		Parts		
51		56			
	Name		Cord	Name	Cord
	Waste sensor case		SMSZ30593D11	Caster (without brake)	SMP-60G
52		57			
	Name		Cord	Name	Cord
	Photo sensor		SMGP2A22	Cord Exit plate (UL)	SMSZ48030B11
53		58			
	Name		Cord	Name	Cord
	Plate for sensor		SMSZ44760A11	Earthing plate	SMSZ8584A11
54		59			
	Name		Cord	Name	Cord
	Waste sensor harness		SMSZ46215A01	Pivot (upper)	SMSZ8509B01
55		60			
	Name		Cord	Name	Cord
	Caster (with brake)		SMP-60GS	Pivot metal washer	SMSZ8505A11




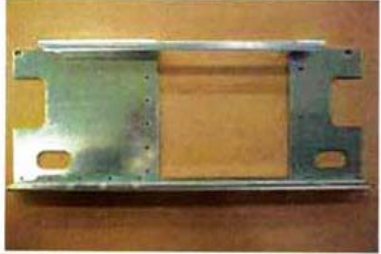
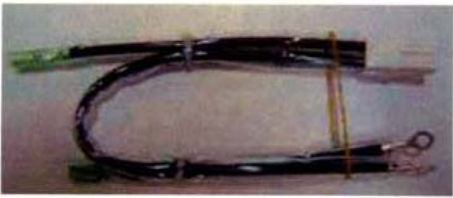
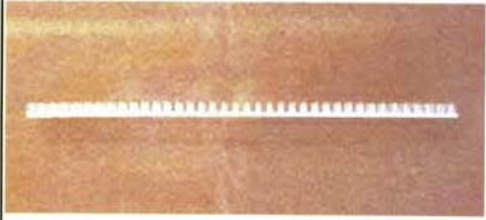


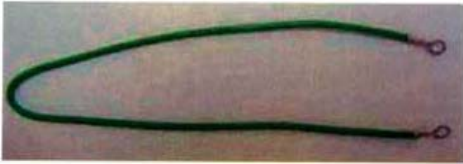

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1201P Service Parts List

No.	Parts		Parts		
61		66			
	Name Pivot (lower)		Cord SMSZ44759A01	Name Handle (door)	Cord SMSZ30717B11
62		67			
	Name Door		Cord SMSZ2928A11	Name Front plate	Cord SMSZ31070C01
63		68			
	Name Adhesion plate		Cord SMSZ8323A12	Name Micro switch (door)	Cord SMA-20GV-B
64		69			
	Name Door rubber		Cord SMSZ44279A11	Name Terminal protection cover	Cord SMAP-B
65		70			
	Name Rubber cushion		Cord SMSZ46992B11	Name Label for handling waste (UL)	Cord SMSZ47964B11








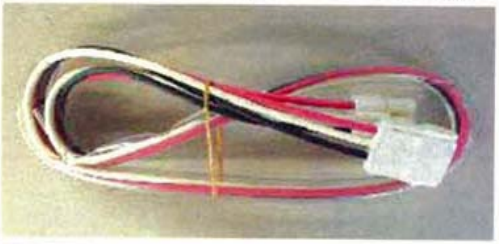

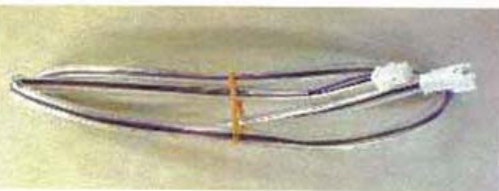
For NATIONWIDE SERVICE call 1(800)225-9293

1201P Service Parts List

No.	Parts		Parts						
71		76							
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Name	Cord								
Label for waste box (UL)	SMSZ47965B11								
Name	Cord								
Frame (left)	SMSZ2691C01								
72		77							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Circuit breaker 10A</td> <td>SM3130-Q110-10A</td> </tr> </table>		Name	Cord	Circuit breaker 10A	SM3130-Q110-10A	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Frame (right)</td> <td>SMSZ2747E01</td> </tr> </table>	Name	Cord
Name	Cord								
Circuit breaker 10A	SM3130-Q110-10A								
Name	Cord								
Frame (right)	SMSZ2747E01								
73		78							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Breaker relay cord- Front plate</td> <td>SMSZ48032B01</td> </tr> </table>		Name	Cord	Breaker relay cord- Front plate	SMSZ48032B01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Free bush</td> <td>SMU-BUSH-KG-32</td> </tr> </table>	Name	Cord
Name	Cord								
Breaker relay cord- Front plate	SMSZ48032B01								
Name	Cord								
Free bush	SMU-BUSH-KG-32								
74		79							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Breaker relay harness</td> <td>SMSZ48088A01</td> </tr> </table>		Name	Cord	Breaker relay harness	SMSZ48088A01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Rubber for protection against vibration</td> <td>SMSZ4684C11</td> </tr> </table>	Name	Cord
Name	Cord								
Breaker relay harness	SMSZ48088A01								
Name	Cord								
Rubber for protection against vibration	SMSZ4684C11								
75		80							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Ground wire</td> <td>SMSZ48026A01</td> </tr> </table>		Name	Cord	Ground wire	SMSZ48026A01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Stay</td> <td>SMSZ4664A11</td> </tr> </table>	Name	Cord
Name	Cord								
Ground wire	SMSZ48026A01								
Name	Cord								
Stay	SMSZ4664A11								

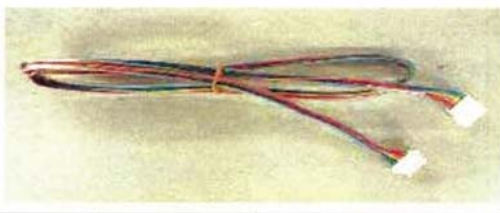

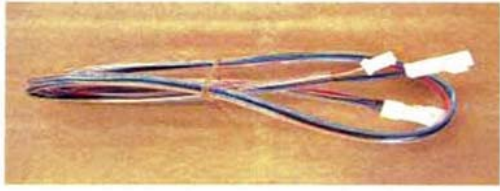







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1201P Service Parts List

No.	Parts		Parts						
81		86							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Front cover</td> <td>SMSZ30803C11</td> </tr> </table>		Name	Cord	Front cover	SMSZ30803C11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Diselectrification brush</td> <td>SMSZ47353A11</td> </tr> </table>	Name	Cord
Name	Cord								
Front cover	SMSZ30803C11								
Name	Cord								
Diselectrification brush	SMSZ47353A11								
82		87							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>One touch bush</td> <td>SMTB-1520</td> </tr> </table>		Name	Cord	One touch bush	SMTB-1520	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Rear cover</td> <td>SMSZ6958H11</td> </tr> </table>	Name	Cord
Name	Cord								
One touch bush	SMTB-1520								
Name	Cord								
Rear cover	SMSZ6958H11								
83		88							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Fan sensor case</td> <td>SMSZ30801C11</td> </tr> </table>		Name	Cord	Fan sensor case	SMSZ30801C11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Control circuit : MS-4XINV (UL)</td> <td>SMMS-4XINV (UL)</td> </tr> </table>	Name	Cord
Name	Cord								
Fan sensor case	SMSZ30801C11								
Name	Cord								
Control circuit : MS-4XINV (UL)	SMMS-4XINV (UL)								
84		89							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Swivel sensor harness</td> <td>SMSZ47063E01</td> </tr> </table>		Name	Cord	Swivel sensor harness	SMSZ47063E01	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Harness Assembly</td> <td>SMSK1-40301</td> </tr> </table>	Name	Cord
Name	Cord								
Swivel sensor harness	SMSZ47063E01								
Name	Cord								
Harness Assembly	SMSK1-40301								
85		90							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Diselectrification brush metal fitting</td> <td>SMSZ47352B11</td> </tr> </table>		Name	Cord	Diselectrification brush metal fitting	SMSZ47352B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <th style="width: 50%;">Name</th> <th style="width: 50%;">Cord</th> </tr> <tr> <td>Harness Assembly</td> <td>SMSK1-40305</td> </tr> </table>	Name	Cord
Name	Cord								
Diselectrification brush metal fitting	SMSZ47352B11								
Name	Cord								
Harness Assembly	SMSK1-40305								




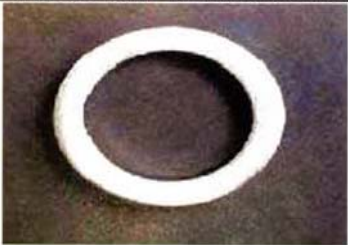






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1201P Service Parts List

No.	パーツ名	パーツ名	
91		96	
	Name Harness Assembly		Cord SMSK1-40311
92		97	
	Name Harness Assembly		Cord SMDK1-301894
93		98	
	Name Caution name plate for high temperature		Cord SMSZ48123A11
94		99	
	Name Chip cover		Cord SMSZ44723C11
95		100	
	Name IVS-4 Motor : MS-4(1U)		Cord SMMS-4(1U)



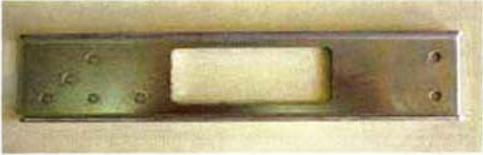







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1201P Service Parts List

No.	Parts		Parts		
101			106		
	Name	Cord		Name	Cord
	Main cutter	SMSZ1403C11		Cutter diaphragm	SMSZ30076B11
102			107		
	Name	Cord		Name	Cord
	Subsidiary cutter	SMSZ1404C11		Washer	SMSZ4951B11
103			108		
	Name	Cord		Name	Cord
	Parallel key 7X7X16	SM7X7X16		Washer	SMSZ4951A12
104			109		
	Name	Cord		Name	Cord
	Ball bearing	SM6005ZZNR		Spur gear Z71	SMSZ46075A11
105			110		
	Name	Cord		Name	Cord
	Fixture bar for cutter diaphragm	SMSZ45460B11		Spur gear Z52	SMSZ45434C11



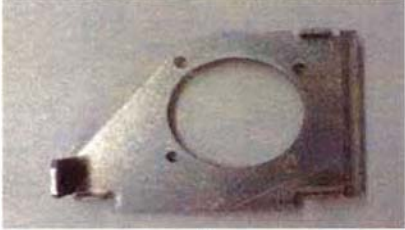
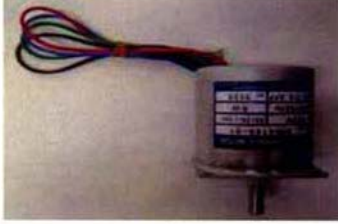



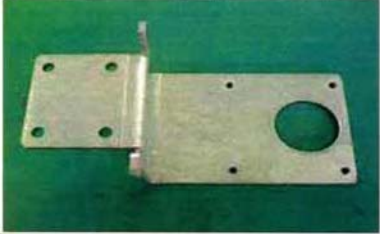


For NATIONWIDE SERVICE call 1(800)225-9293

1201P Service Parts List

No.	Parts	Parts							
111		116							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Reverse gear Z29</td> <td style="text-align: center;">SMSZ45432C11</td> </tr> </table>		Name	Cord	Reverse gear Z29	SMSZ45432C11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Spiral cutter frame</td> <td style="text-align: center;">SMSZ2697B11</td> </tr> </table>	Name	Cord
Name	Cord								
Reverse gear Z29	SMSZ45432C11								
Name	Cord								
Spiral cutter frame	SMSZ2697B11								
112		117							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Bearing reinforcing plate</td> <td style="text-align: center;">SMSZ45681D11</td> </tr> </table>		Name	Cord	Bearing reinforcing plate	SMSZ45681D11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Shred stopper metal</td> <td style="text-align: center;">SMSZ45846A11</td> </tr> </table>	Name	Cord
Name	Cord								
Bearing reinforcing plate	SMSZ45681D11								
Name	Cord								
Shred stopper metal	SMSZ45846A11								
113		118							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Spiral cutter</td> <td style="text-align: center;">SMSZ22650B11</td> </tr> </table>		Name	Cord	Spiral cutter	SMSZ22650B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Cutter frame supporting plate (right)</td> <td style="text-align: center;">SMSZ30097E11</td> </tr> </table>	Name	Cord
Name	Cord								
Spiral cutter	SMSZ22650B11								
Name	Cord								
Cutter frame supporting plate (right)	SMSZ30097E11								
114		119							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Labyrinth seal for 400W</td> <td style="text-align: center;">SMSZ46169B11</td> </tr> </table>		Name	Cord	Labyrinth seal for 400W	SMSZ46169B11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Housing (right)</td> <td style="text-align: center;">SMSZ3884C11</td> </tr> </table>	Name	Cord
Name	Cord								
Labyrinth seal for 400W	SMSZ46169B11								
Name	Cord								
Housing (right)	SMSZ3884C11								
115		120							
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Cone roller bearing</td> <td style="text-align: center;">SMHR30205J</td> </tr> </table>		Name	Cord	Cone roller bearing	SMHR30205J	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="text-align: center;">Name</td> <td style="text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Adjusting ring</td> <td style="text-align: center;">SMSZ4708B11</td> </tr> </table>	Name	Cord
Name	Cord								
Cone roller bearing	SMHR30205J								
Name	Cord								
Adjusting ring	SMSZ4708B11								

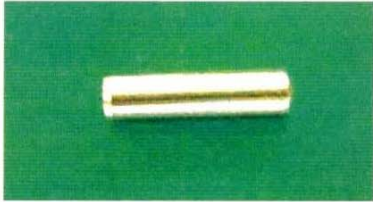


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1201P Service Parts List

No.	Parts		Parts		
121			126		
	Name Wave washer	Cord SMSZ4958A11		Name F cutter	Cord SMSZ30177A11
122			127		
	Name Cutter frame supporting plate (left)	Cord SMSZ30097E12		Name Lenear diagram for shreds levelling motor	Cord SMSZ48028A01
123			128		
	Name Housing (left)	Cord SMSZ3885B11		Name Condenser for motor operation	Cord SMUP45B604U2849A
124			129		
	Name Ring (3)	Cord SMSZ4660C11		Name Motor fixture plate	Cord SMSZ30592D11
125			130		
	Name Spur gear Z26	Cord SMSZ45449C01		Name Circle bearing	Cord SMSZ46799B11

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1201P Service Parts List

No.	Parts		Parts								
131		136									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Parallel bearing</td> <td style="text-align: center;">SMSZ46984A11</td> </tr> </table>		Name	Cord	Parallel bearing	SMSZ46984A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	Name	Cord		
	Name		Cord								
Parallel bearing	SMSZ46984A11										
Name	Cord										
132		137									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Harness cover for fan motor</td> <td style="text-align: center;">SMSZ48040A11</td> </tr> </table>		Name	Cord	Harness cover for fan motor	SMSZ48040A11	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	Name	Cord		
	Name		Cord								
Harness cover for fan motor	SMSZ48040A11										
Name	Cord										
133		138									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="text-align: center;">Circle assy</td> <td style="text-align: center;">SMSZ30072A02</td> </tr> </table>		Name	Cord	Circle assy	SMSZ30072A02	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	Name	Cord		
	Name		Cord								
Circle assy	SMSZ30072A02										
Name	Cord										
134		139									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>		Name	Cord			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	Name	Cord		
	Name		Cord								
Name	Cord										
135		140									
	<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>		Name	Cord			<table border="1" style="width: 100%; border-collapse: collapse;"> <tr> <td style="width: 50%; text-align: center;">Name</td> <td style="width: 50%; text-align: center;">Cord</td> </tr> <tr> <td style="height: 20px;"></td> <td style="height: 20px;"></td> </tr> </table>	Name	Cord		
	Name		Cord								
Name	Cord										

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