User Guide

SPC-750 Dagger

Beside-the-press granulator

Installation

Operation

Maintenance

Troubleshooting

Instant Access
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UGG006/0601

⚠ **WARNING - Reliance on this Manual Could Result in Severe Bodily Injury or Death!**

This manual is out-of-date and is provided only for its technical information, data and capacities. Portions of this manual detailing procedures or precautions in the operation, inspection, maintenance and repair of the product forming the subject matter of this manual may be inadequate, inaccurate, and/or incomplete and cannot be used, followed, or relied upon. Contact Conair at info@conairgroup.com or 1-800-654-6661 for more current information, warnings, and materials about more recent product manuals containing warnings, information, precautions, and procedures that may be more adequate than those contained in this out-of-date manual.

Please record your equipment's model and serial number(s) and the date you received it in the spaces provided.

It's a good idea to record the model and serial number(s) of your equipment and the date you received it in the User Guide. Our service department uses this information, along with the manual number, to provide help for the specific equipment you installed.

Please keep this User Guide and all manuals, engineering prints and parts lists together for documentation of your equipment.

Date:
Manual Number: UGG006/0601
Serial number(s):
Model number(s):

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INTRODUCTION

PURPOSE OF THE USER GUIDE

This User Guide describes the SPC-750 and explains step-by-step how to install, operate, maintain and repair this equipment.

Before installing this product, please take a few moments to read the User Guide and review the diagrams and safety information in the instruction packet. You also should review manuals covering associated equipment in your system. This review won't take long, and it could save you valuable installation and operating time later.

HOW THE GUIDE IS ORGANIZED

Symbols have been used to help organize the User Guide and call your attention to important information regarding safe installation and operation.

Symbols within triangles warn of conditions that could be hazardous to users or could damage equipment. Read and take precautions before proceeding.

1 Numbers within shaded squares indicate tasks or steps to be performed by the user.

◆ A diamond indicates the equipment's response to an action performed by the user.

❒ An open box marks items in a checklist.

● A shaded circle marks items in a list.

YOUR RESPONSIBILITY AS A USER

You must be familiar with all safety procedures concerning installation, operation and maintenance of this equipment. Responsible safety procedures include:

- Thorough review of this User Guide, paying particular attention to hazard warnings, appendices and related diagrams.
- Thorough review of the equipment itself, with careful attention to voltage sources, intended use and warning labels.
- Thorough review of instruction manuals for associated equipment.
- Step-by-step adherence to instructions outlined in this User Guide.

⚠ ATTENTION: READ THIS SO NO ONE GETS HURT

We design equipment with the user's safety in mind. You can avoid the potential hazards identified on this machine by following the procedures outlined below and elsewhere in the User Guide.

WARNING: Improper installation, operation or servicing may result in equipment damage or personal injury.

This equipment should be installed, adjusted, and serviced by qualified technical personnel who are familiar with the construction, operation and potential hazards of this type of machine.

All wiring, disconnects and fuses should be installed by qualified electrical technicians in accordance with electrical codes in your region. Always maintain a safe ground. Do not operate the equipment at power levels other than what is specified on the machine serial tag and data plate.

CAUTION:

Make sure power is disconnected and lock out main power supply BEFORE attempting to perform any maintenance or troubleshooting.

DANGER:

Use extreme care when cutting chamber is open. Exposed knives are sharp!
We recommend wearing gloves when handling knives.

CAUTION:

The SPC-750 has been equipped with numerous guards, controls and devices to ensure safe operation. Never remove or disable these devices. Operating without these devices could lead to hazardous conditions that can damage the facility or cause severe injury or loss of life.

DESCRIPTION

WHAT IS THE SPC-750 DAGGER?

The Conair SPC -750 Dagger is a revolutionary granulator that produces the highest quality regrind from the sprues and runners of energy-impacting materials, such as acrylic, polyacetal, polycarbonate, or glass-filled nylon.

Unlike conventional granulators, the SPC -750 uses a unique, two-stage, swing-press-cut system instead of a rotating set of knives cutting against fixed knives. The size of the granule is determined by the SPC -750 cutters, not a sizing screen.

The SPC -750's low-speed operation is extremely quiet, and helps prevent material from being "overcut." Material does not spend much time in the cutting chamber, and it does not become suspended by the impact and airflow generated by a high-speed rotor.

TYPICAL APPLICATIONS

The SPC-750 Dagger is designed for energy-impacting materials such as acrylic, polyacetal, PBT, polycarbonate, or glass-filled nylon. It should not be used for soft plastics.
The slow speed swing-press-cut system necessitates that this machine be hand fed small batches of sprues/runners at a time.

LIMITATIONS

The SPC-750 Dagger is not for use with energy absorbing, soft materials. Do not use the Dagger for batch feeding sprues and runners. Do not use for parts.

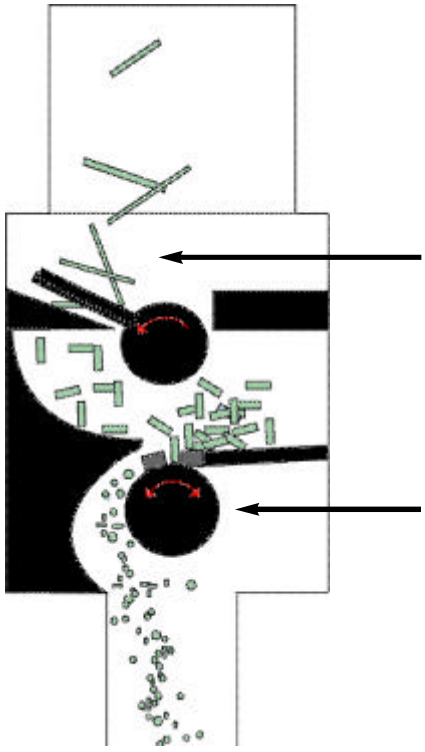
Maximum throughput is up to 30 lb/hr (13.6 kg/hr). The throughput can change, however, depending on the size, shape, thickness, and properties of the material being cut, as well as the desired size of the granulate.

HOW IT WORKS

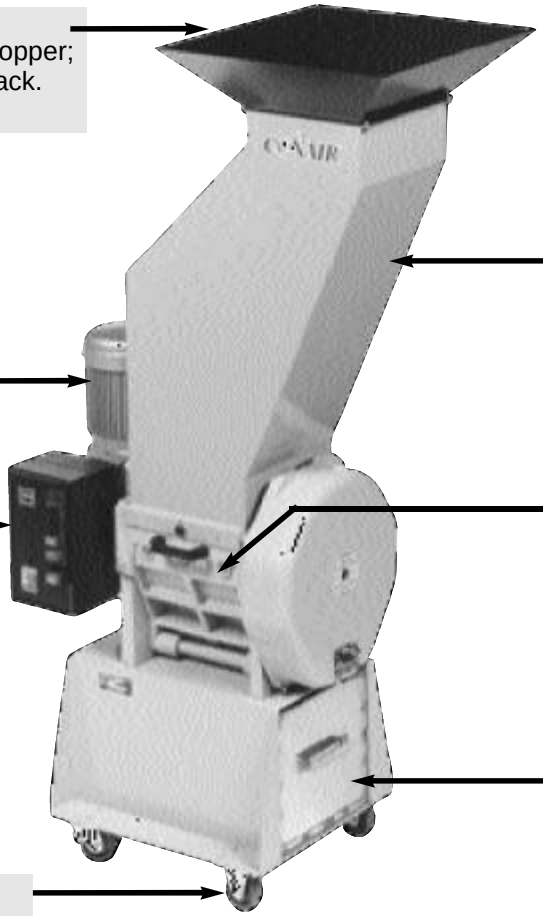
The SPC-750 Dagger cuts in two stages. In the first stage, a set of low-speed rotating fingers works against a fixed cutter to break the sprue or runner into smaller pieces for cutting. These smaller runner cylinders are equal in size to the cutter dimensions.

In the second stage, the smaller pieces drop into the cutting press, which has a double set of cutting teeth mounted on a shaft. There, the cutting teeth press against each other in a low-speed swinging motion that cuts the small runner cylinders in half.

By doing only the cutting necessary, this swing-press-cut design minimizes dust, static electricity and heat generation.



FEATURES



Wide feeder mouth
feeds material into hopper; helps prevent flashback.

Removable hopper
feeds material to cutting chamber; provides easy access for cleaning, servicing.

Low rpm motor
for quiet operation.

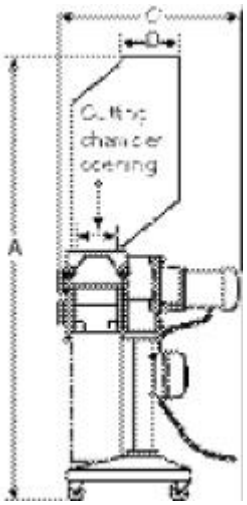
Control buttons
turn dagger on, off and reset.

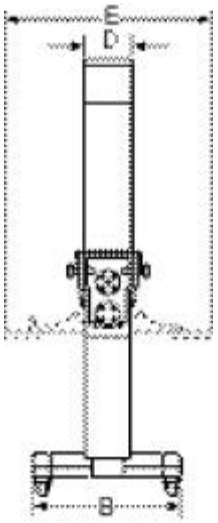
Cutting chamber
Press cut design provides unifor granule size while eliminating fines and strings.. Blade spacing duplicates size of original pellets.

Granule bin
catches pellets; opens easily for emptying and cleaning.

Small footprint
saves valuable floor space. Casters let you wheel the Dagger to any location.

SPECIFICATIONS





MODEL	SPC-750
Performance characteristics	
Maximum throughput* lbs/hr {kg/hr}	up to 30 {13.6}
Cutting Chamber opening in. {mm}	9.70 X 9.83 {246 X 250}
Motor Power Hp {kW}	1.0 {0.75}
Rotary Cutter Speed rpm	46
Press Moving Cutters Speed cycles/minute	135
Maximum Sprue Diameter (hard materials only)	0.3 {8}
Granule size in. {mm}	Approximately 1/8 - 3/16 {3mm-5mm}
Cutters	
Cutter type	Two-stage: 1) breaking blades; 2) press cutting teeth
Rotary Cutter (stage 1) Diameter in. {mm}	4 fingers, 6.93 {176}
Shear Cutter (stage 2) Diameter in. {mm}	40 cutting teeth, 0.12 X 0.18 {3 X 5}
Dimensions in. {mm}	
A - Height	57.6 {1464}
B - Width	15.6 {397}
C - Depth	30.5 {775}
D - Feed chamber opening	9.75 X 8.5 {248 X 216}
E - Overall clearance width	26.1 {664}
Weight lbs {kg}	
Installed	330 {149.7}
Shipping	400 {181.4}
Voltages total amps	
230V/3 phase/60 Hz	3..0
460 V/3 phase/60 Hz	1.5
Noise Level †	
with no soundproofing	76 to 80 dbA

SPECIFICATION NOTES:

The SPC-750 is not for use with energy absorbing, soft materials. Do not batch feed sprues and runners. Not for parts.

* Throughputs are provided as a capacity guideline only. Throughput will vary according to the size, shape, thickness and properties of the material to be cut, as well as the desired size of the granulate. Consult Conair for a material test or help determining the correct model for your application.

† Noise level will vary according to material type being processed and the dagger configuration These ranges are based on tests using SPI standards.

Specifications may change without notice. Check with a Conair representative for the most current information.

OPTIONS

Options available on all models include:

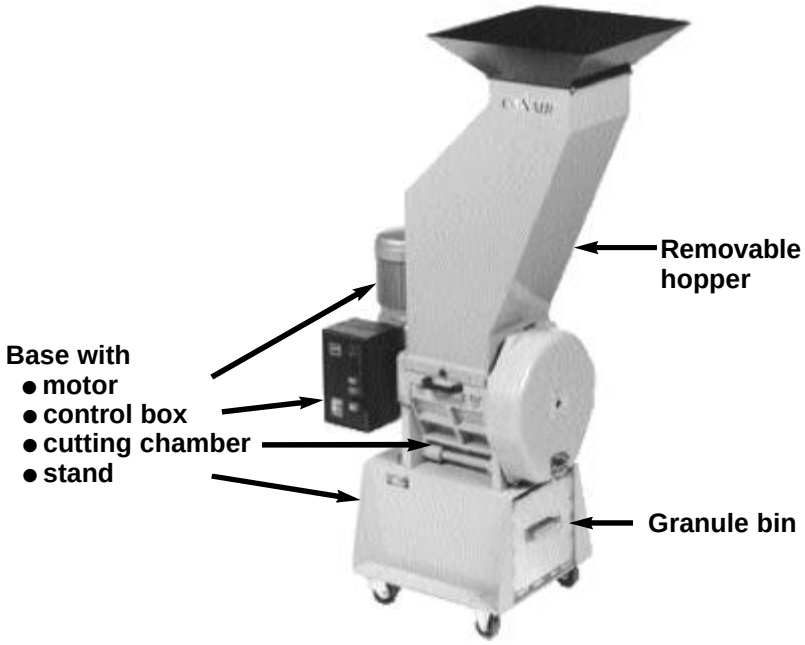
- **Granule bin or vacuum bin**
- **Sprue/runner feed hopper**
- **Titanium nitrate coating for prolonged life**
- **Granule tank for suction conveying**

INSTALLATION

UNPACKING THE BOXES

The SPC-750 Dagger is shipped in a single crate. Inside the box you should find three main pieces:

- **The base** which includes the cutting chamber, control box, motor, and stand
- **The hopper bin** for on the top of the dagger
- **The granule bin** for under the dagger for both manual and vacuum unloading style



1 **Carefully uncrate the dagger and its** components.

2 **Remove all packing material, protective paper** tape, and plastic. Compare contents to the shipping papers to ensure that you have all the parts.

3 **Carefully inspect all components to make sure** no damage occurred during shipping. If any damage is found, notify the shipping agent immediately. Check all wire terminal connections, bolts, and any other electrical connections, which may have come loose during shipping.

4 **Record serial numbers and specifications in** the blanks provided on the back of the User Guide's title page. This information will be helpful if you ever need service or parts.

You are now ready to begin installation.

PREPARING FOR INSTALLATION

WARNING: Improper installation, operation, or servicing may result in equipment damage or personal injury.
This equipment should only be installed, adjusted, and serviced by qualified technical personnel who are familiar with the construction, operation, and potential hazards of this type of machine.

All wiring, disconnects, and fuses should be installed by qualified electrical technicians in accordance with electrical codes in your region. Always maintain a safe ground. Do not operate the equipment at power levels other than what is specified on the machine serial plate.

CAUTION: Voltage hazard
Make sure power is disconnected and lock out main power supply BEFORE attempting to perform any maintenance or troubleshooting.

DANGER: Cutting hazard
Use extreme care when cutting chamber is open. Exposed knives are sharp! We recommend wearing gloves when handling knives.

Plan the location. Make sure the area where the dagger is installed has:

- **A grounded power source.** Check the dagger's serial tag for the correct amps, voltage, and phase. All wiring should be completed by qualified personnel and comply with your region's electrical codes.

- **Clearance for safe operation and maintenance.** Make sure there is enough clearance around the dagger for movement, maintenance and servicing. Be sure the sprue picker has proper clearance to avoid structures, utilities, other machines and equipment.

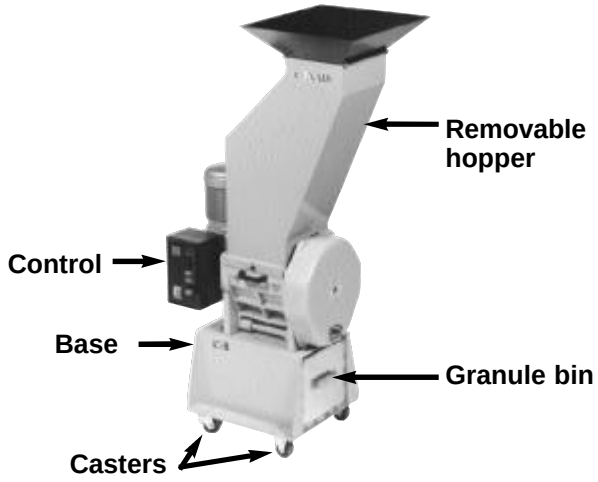
INSTALLING THE DAGGER

Assemble the dagger:

1 **Place the removable hopper onto the base** and attach with screws.

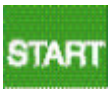
2 **Slide the granule bin into the base.**

3 **Roll the dagger into position and lock** the casters.



4 **Plug the dagger into a power supply** with the correct voltage.

5 **Press the Start button on the control.** The motor starts running.



CAUTION

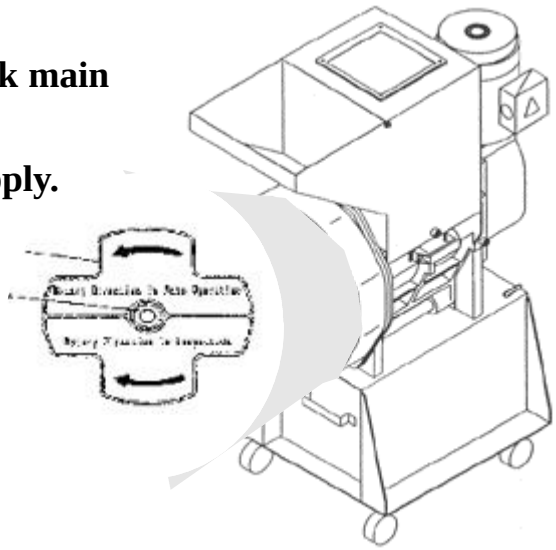
If the machine vibrates, the machine makes odd noises, fails to start, or any other fault occurs, press the red Stop button on the control immediately to stop the Dagger. Check the motor rotation (see Checking the Motor Rotation in the installation section). If after correcting the rotation the dagger does not work properly, refer to the Troubleshooting section.

CHECKING MOTOR ROTATION

Press the Start button on the control and check the motor rotation. The motor is running in the correct direction if the bolt rotates in the direction shown by the arrow marked “Rotary Direction in Auto Operation.” If the bolt rotates in the opposite direction, the wiring is incorrect and must be fixed.

To correct the rotation:

1. **Press the Stop button to stop the dagger.** STOP
2. **Disconnect and lock out the power** supply.
3. **Reverse the red and black main** power wires.
4. **Reconnect the power supply.**
5. **Press the Start button.** The motor should now be running in the proper direction.



OPERATION

FOR YOUR SAFETY

CAUTION:
Make sure power is disconnected and main power is locked out BEFORE attempting to perform any maintenance or troubleshooting.

DANGER:
Use extreme care when cutting chamber is open. Exposed knives are sharp! We recommend wearing gloves when handling knives.

In order to maintain your equipment's safe operation, follow these precautions.

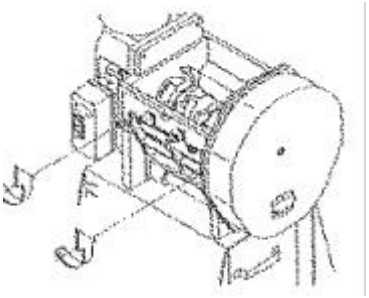
- Do NOT start machine with material in chamber.
- Do NOT operate with foreign objects on or around dagger.
- Do NOT attempt to bypass safety interlocks.
- Do NOT feed large lumps or purgings.
- Do NOT allow bin to overfill.
- Do NOT batch feed dagger.
- Always start machine BEFORE feeding material.
- Only feed in the proper amount that the dagger is sized for and capable of granulating.
- Allow machine to purge BEFORE turning OFF.
- Periodically inspect knives for wear and proper clearance. Adjust, sharpen or replace as necessary. Failure to do this could affect performance. Follow the maintenance schedule for your dagger.

SETTING THE CUTTERS

Make sure the cutting granulator has been cleaned out before and after each use.

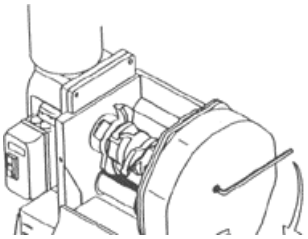
1 **Disconnect and lockout the main power** supply to the dagger.

2 **Remove the hopper from the base.** Unscrew the screws that hold the hopper on the base and lift the hopper off.

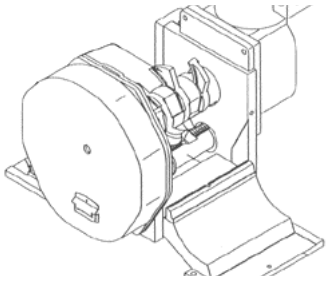


3 **Remove the bolts that hold** the left cutting chamber door. Slowly open the door, holding the door as it opens to prevent damage.

4 **Align the moving and stationary** cutters. Insert a 5mm Allen wrench into the hexagon bolt. Turn the Allen wrench clockwise to manually rotate. DO NOT turn the wrench counter-clockwise. Stop turning the wrench just when the opening between the moving cutter and the stationary cutter is the largest. Remove the Allen wrench from the machine.



5 **Remove the bolts holding the right** cutting chamber door. Slowly open the door, holding the door as it opens to prevent damage.



6 **Clean the chamber and the hopper.** Use compressed air. Use care,the blades will be sharp. Remove any foreign matter from inside the chamber.

7 **Close the cutting chamber doors.** Close and secure the right door first, then close and secure the left door.

8 **Replace the hopper.** Slide the hopper into position on the base and secure with screws.

STARTING THE DAGGER

1. **Check the inside of the hopper for any objects** which may have been left inside after cleanout (rags, tools) and remove.
2. **Make sure the screws holding the removable** hopper are tight.
3. **Make sure the granule bin is in its proper** position.
4. **Turn the dagger on.**
   Press the Start button and run the dagger for 10 seconds before adding material.

5. **Add materials into the hopper.**
   Make sure that there is no foreign matter in the material to be granulated. Begin feeding material slowly at first to determine the maximum amount the machine is capable of granulating without overfeeding.

STOPPING THE DAGGER

1. **Purge dagger before turning off.**
   Allow the dagger to run empty for one minute. Leaving material in the hopper and chamber makes cleanout and startup more difficult.
2. **Press the Stop button to turn the** dagger off.

MAINTENANCE

MAINTENANCE CHECKLIST

CAUTION:
Make sure power is disconnected and lock out main power supply BEFORE attempting to perform any maintenance or troubleshooting.

DANGER:
Use extreme care when cutting chamber is open. Exposed knives are sharp!
We recommend wearing gloves when handling knives.

The dagger requires little maintenance. We recommend the following maintenance schedule and tasks.

- **Whenever you change material or process**
  - ❒ Empty both the hopper bin and the granule bin.
  - ❒ Clean out the cutting chamber.

- **Daily or weekly as needed**
  - ❒ Inspect the cutting blades for signs of damage or wear.

- **Monthly or as often as needed**
  - ❒ Check all nuts, bolts, and screws to ensure that none of them are loose.

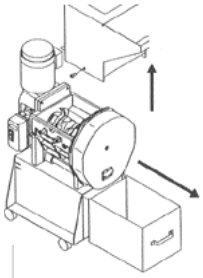
REMOVING THE CUTTERS

CAUTION:
Make sure power is disconnected and lock out main power supply BEFORE attempting to perform any maintenance or troubleshooting.

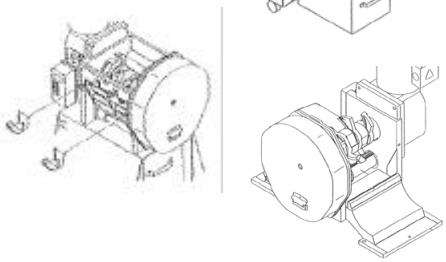
DANGER:
Use extreme care when cutting chamber is open. Exposed knives are sharp!
We recommend wearing gloves when handling knives.

1 **Disconnect and lockout the main power supply** to the dagger.

2 **Remove the hopper from the base.**
Unscrew the screws that hold the hopper on the base and lift the hopper off.



3 **Remove the bolts holding the** cutting chamber doors. Slowly open each door, holding the door as it opens to prevent damage.

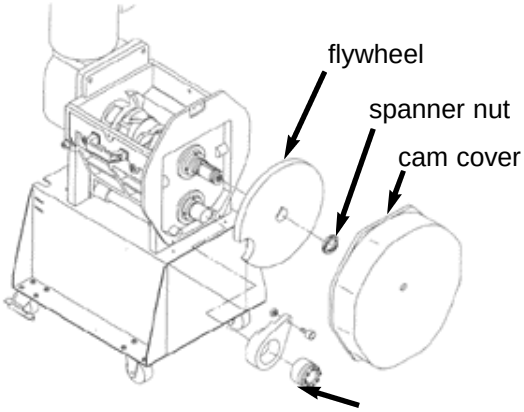


4 **Open the cam cover.**

5 **Remove the spanner nut from the top** shaft. Use a spanner nut wrench; tap to loosen, if necessary.

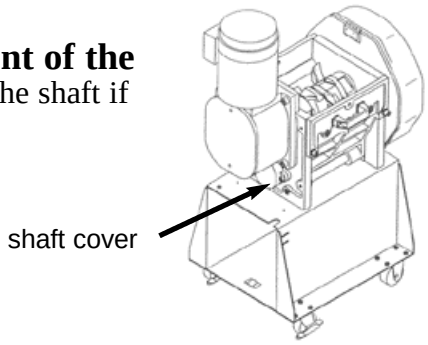
6 **Remove the grooved flywheel.**
DO NOT lose the key!

7 **Remove the allen bolts in the cam on** the lower shaft. Place four of the allen bolts in the threaded holes and turn the bolts until the cam slides off the shaft.

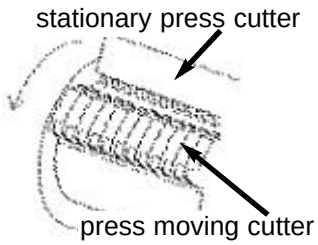


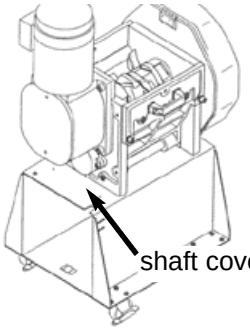
8 **Remove the shaft cover under the** motor on the front of the granulator.

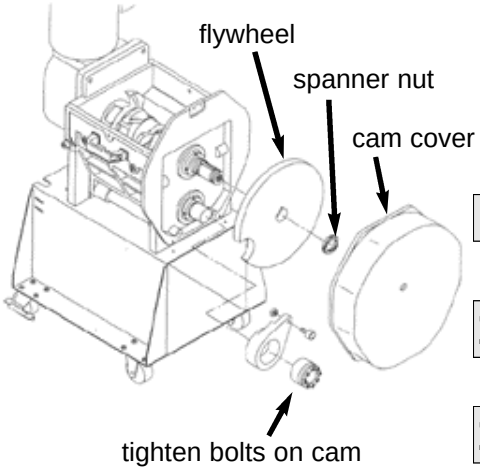
9 **Pull the shaft from the front of the** dagger (tap on the back side of the shaft if necessary).



REPLACING THE PRESS MOVING CUTTER







1 **Slide the new press moving cutter shaft into** the cutting chamber from the front.

2 **Replace the shaft cover under the motor on** the front of the dagger (2 allen bolts).

3 **Place the cam on the shaft. Make sure the** bolts are in the non-threaded holes, not the threaded holes. Do not tighten the cam on the shaft completely. Adjustment will be necessary.

4 **Place the flywheel and key on the upper shaft,** making sure the cam follower is in the cam groove.

5 **Place the spanner nut on the upper shaft to** hold the flywheel in place.

6 **Replace the cam cover and tighten the** allen bolts.

7 **Close both dagger doors and bolt shut.**

8 **Rotate the shaft using the manual rotation** wrench socket. Make sure the shaft rotates freely. If the press moving cutter hits the stationary cutter and does not allow the uper shaft torotate completely, remove the flywheel and readjust the cam on the shaft. The press moving cutter should move perfectly into the stationary cutters and not make any noise when they mesh.

9 **Tighten the allen bolts on the cam so that the** shaft can not slip inside the cam.

10 **Bolt the hopper into positon and tighten** the allen bolts.

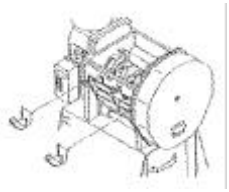
11 **Reconnect the main power supply.**

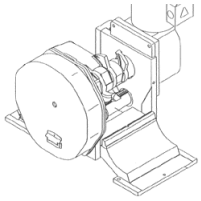
12 **Turn the dagger on for a few seconds and** listen for any unusual noises. If there are any clanging noises, turn the dagger off immediately and follow the steps for disassembly and adjusting the press moving cutter shaft and the stationary cutter.

ADJUSTING THE CUTTER

It may be necessary to adjust the cutters, so that the small teeth mesh properly.

1 **Remove the bolts holding the cutting chamber** doors. Slowly open each door, holding the door as it opens to prevent damage.

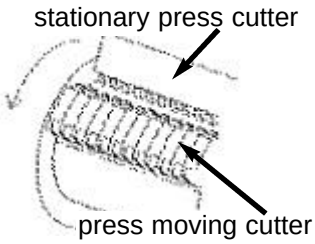




2 **Loosen the stationary cutter** (three allen bolts on door).

3 **Make sure that the teeth mesh properly.** Rotate the shaft back and forth and listen for any noises. Teeth should mesh smoothly and not make any grinding noises.

4 **Tighten the allen bolts on the** door to hold the stationary cutter in place.



TROUBLESHOOTING

WHEN TROUBLE OCCURS

You can avoid most problems by following the recommended installation and maintenance procedures outlined in this User Guide. If you do have a problem, this section will help you determine what caused it and how to fix it.

1 Turn off the dagger.

2 Identify the symptom.
Refer to the troubhleshooting checklist in this section to identify the symptom and cause.

3 Perform applicable tasks.

4 If the problem remains contact Conair.

A FEW WORDS OF CAUTION

CAUTION: Voltage hazard
Make sure power is disconnected and lock out main power supply BEFORE attempting to perform any maintenance or troubleshooting.

DANGER: Cutting hazard
Use extreme care when cutting chamber is open. Exposed knives are sharp! We recommend wearing gloves when handling knives.

CHECKLIST

Symptom	Possible cause	Solution
Stalled Machine	**The unit being overloaded.**	Feed material slower.
	Knives worn, damaged, or improperly set.	Replace or adjust as required.
	The motor running in reverse.	Switch two of the three incoming power wires.
	The dagger lost power.	Check power supply, electrical hookup, and safety interlocks.
Material overheating	**Unit is overloaded or knives are worn.**	Feel material slower; replace or adjust knives as required.
Foreign material in the discharge	**There is foreign material in the scrap.**	Check the material you are feeling for any foreign objects.
	The knives seated improperly.	Adjust knives as necessary.
	The doors are not closed properly.	Make sure both doors are closed, the hopper bin is secure, and the hand knobs are tight.

CHECKLIST

SYMPTOM	POSSIBLE CAUSE	SOLUTION
The motor is running, but there is no discharge.	**The moving cutter is not moving.**	Check to see that the that the shaft of the blades is rotating.
	The doors are not properly shut.	Make sure both doors are closed, the hopper bin is secure, and the hand knobs are tight.
	The hopper is empty.	Make sure there is material to be processed.
	There a clog in the hopper, cutting chamber, or granule bin.	Clean out any clogs or build-up.
The motor will not start.	**Main power to the dagger is off.**	Check power supply, electrical hookup, and safety interlocks.
	The motor is overheated.	Allow the dagger to cool, and try running again later.
	The cutting chamber is not clean.	Clean out the chamber.

WE'RE HERE TO HELP

Conair has made the largest investment in customer support in the plastics industry. Our service experts are available to help with any problem you might have installing and operating your equipment. Your Conair sales representative also can help analyze the nature of your problem, assuring that it did not result from misapplication or improper use.

HOW TO CONTACT CUSTOMER SERVICE

To contact Customer Service personnel, call:

From outside the United States, call: 814-437-6861

You can commission Conair service personnel to provide on-site service by contacting the Customer Service Department. Standard rates include an on-site hourly rate, with a one-day minimum plus expenses.

BEFORE YOU CALL ...

If you do have a problem, please complete the following checklist before calling Conair:

- ❒ Make sure you have all model, serial and parts list numbers for your particular equipment. Service personnel will need this information to assist you.
- ❒ Make sure power is supplied to the equipment.
- ❒ Make sure that all connectors and wires within and between control systems and related components have been installed correctly.
- ❒ Check the troubleshooting guide of this manual for a solution.
- ❒ Thoroughly examine the instruction manual(s) for associated equipment, especially controls. Each manual may have its own troubleshooting guide to help you.
- ❒ Check that the equipment has been operated as described in this manual.
- ❒ Check accompanying schematic drawings for information on special considerations.

Additional manuals and prints for your Conair equipment may be ordered through the Customer Service or Parts Departments for a nominal fee.

EQUIPMENT GUARANTEE

Conair guarantees the machinery and equipment on this order, for a period as defined in the quotation from date of shipment, against defects in material and workmanship under the normal use and service for which it was recommended (except for parts that are typically replaced after normal usage, such as filters, liner plates, etc.). Conair's guarantee is limited to replacing, at our option, the part or parts determined by us to be defective after examination. The customer assumes the cost of transportation of the part or parts to and from the factory.

PERFORMANCE WARRANTY

Conair warrants that this equipment will perform at or above the ratings stated in specific quotations covering the equipment or as detailed in engineering specifications, provided the equipment is applied, installed, operated and maintained in the recommended manner as outlined in our quotation or specifications.

Should performance not meet warranted levels, Conair at its discretion will exercise one of the following options:

- Inspect the equipment and perform alterations or adjustments to satisfy performance claims. (Charges for such inspections and corrections will be waived unless failure to meet warranty is due to misapplication, improper installation, poor maintenance practices or improper operation.)
- Replace the original equipment with other Conair equipment that will meet original performance claims at no extra cost to the customer.
- Refund the invoiced cost to the customer. Credit is subject to prior notice by the customer at which time a Return Goods Authorization Number (RGA) will be issued by Conair's Service Department. Returned equipment must be well crated and in proper operating condition, including all parts. Returns must be prepaid.

Purchaser must notify Conair in writing of any claim and provide a customer receipt and other evidence that a claim is being made.

WARRANTY LIMITATIONS

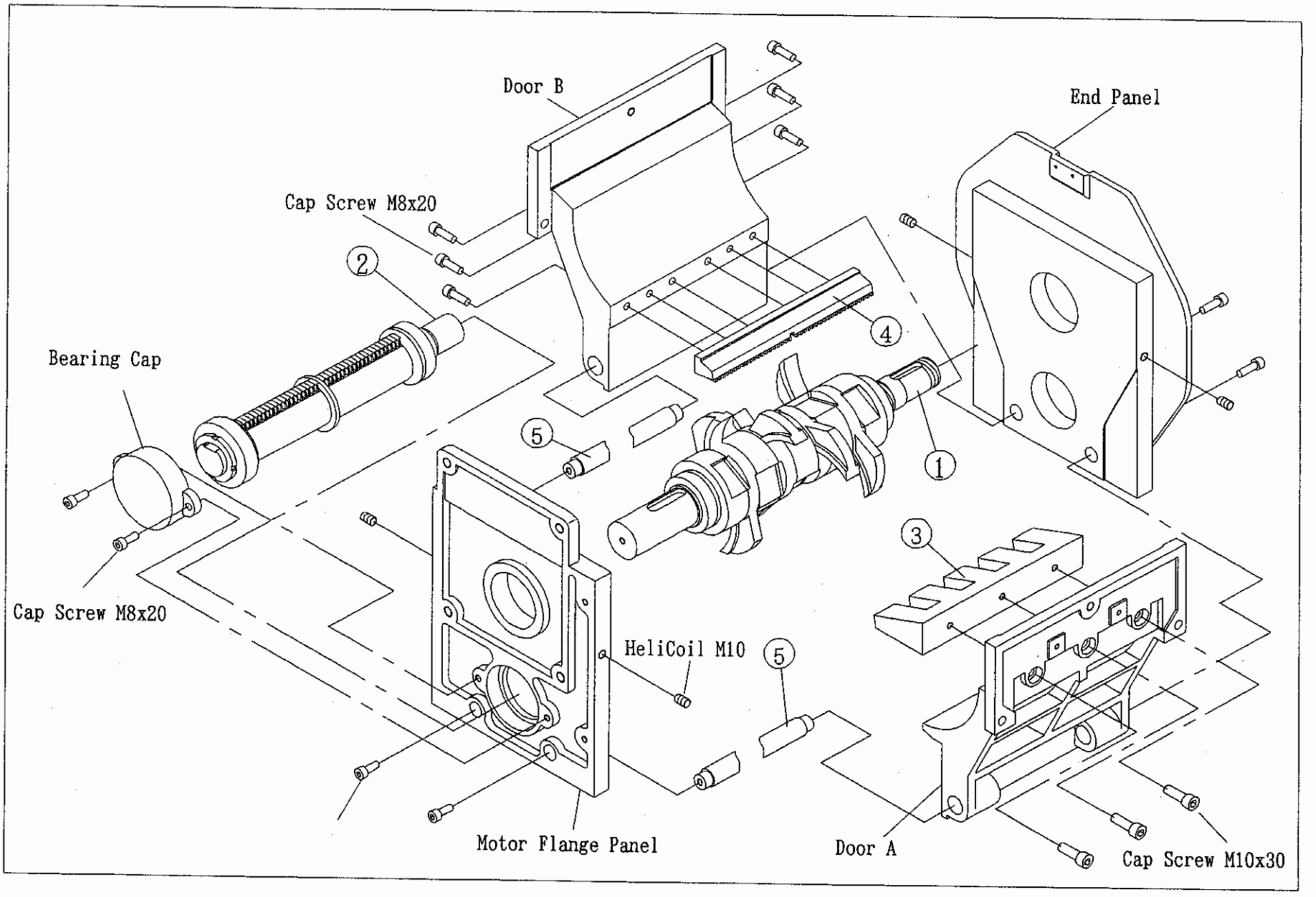
Except for the Equipment Guarantee and Performance Warranty stated above, Conair disclaims all other warranties with respect to the equipment, express or implied, arising by operation of law, course of dealing, usage of trade or otherwise, including but not limited to the implied warranties of merchantability and fitness for a particular purpose.

SPC-750

PRICE LIST

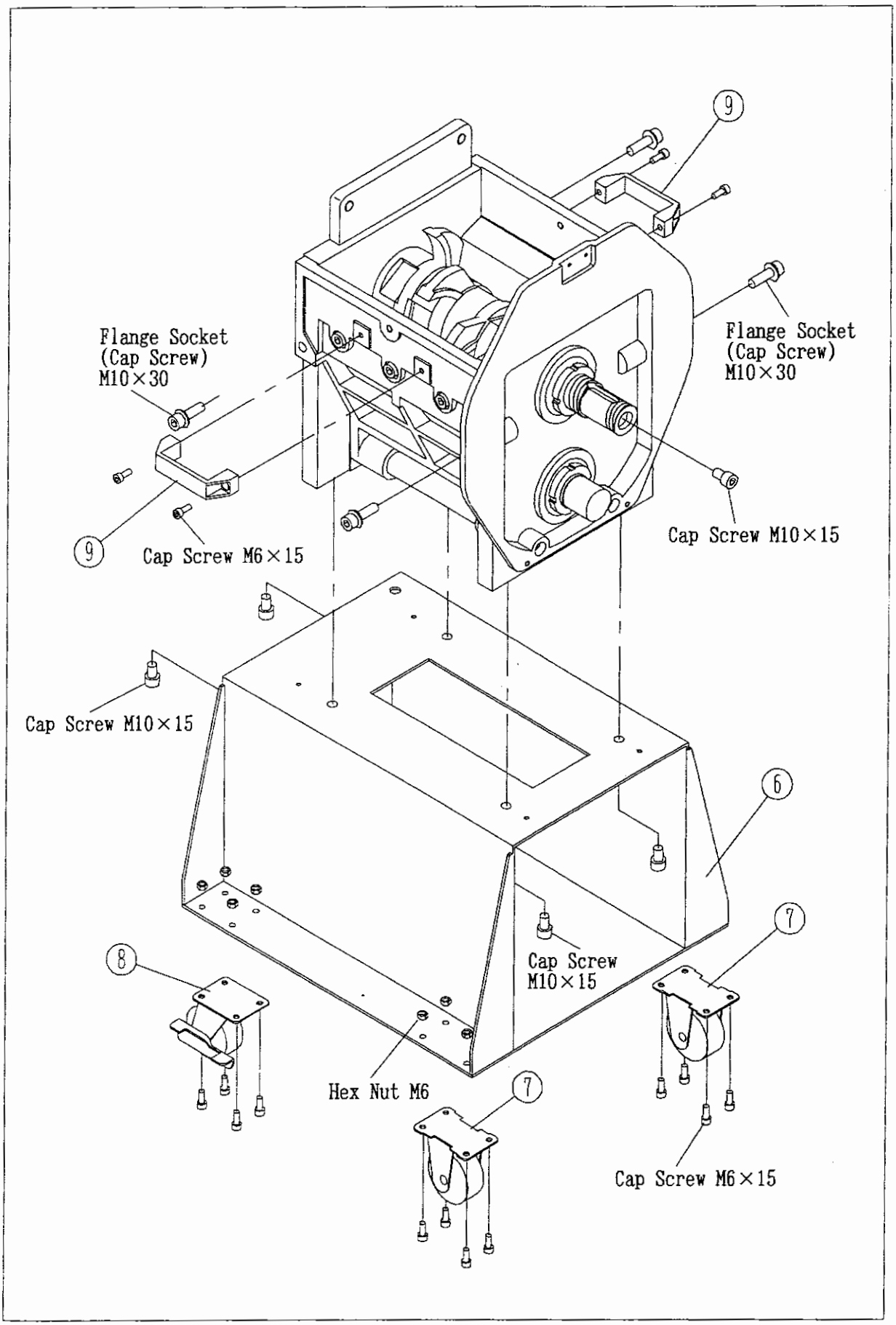
CONTENTS

HARMO-SOKEN CO.,LTD


Door B
End Panel
Cap Screw M8x20
2
4
Bearing Cap
5
1
3
Cap Screw M8x20
HeliCoil M10
5
Motor Flange Panel
Door A
Cap Screw M10x30

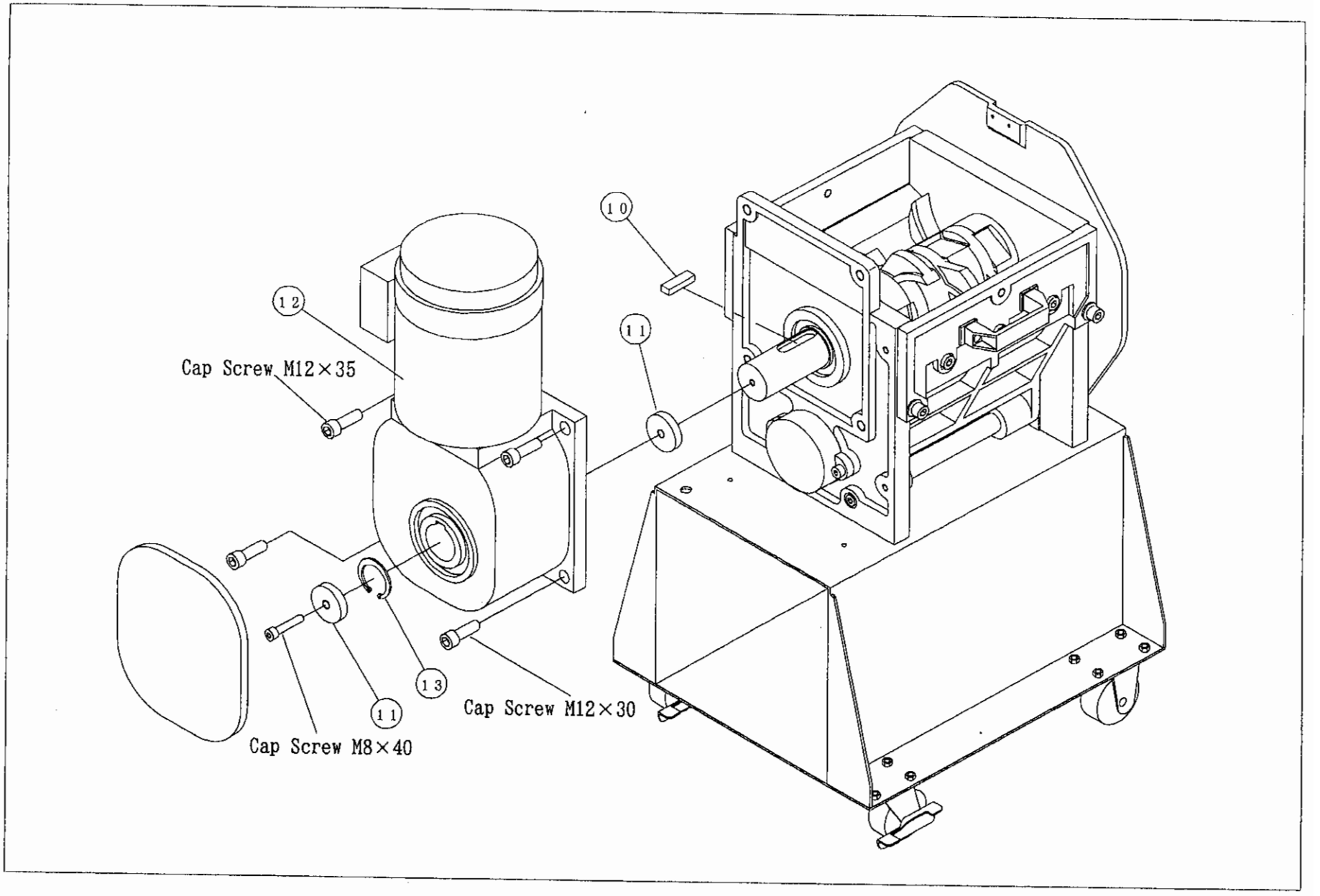
Class	Main Body Ass'y	Model	SPC-750	No.1

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
1	P004A	Rotating Cutter Ass'y	1	276,950	
2	P004B	Press Cutter Ass'y	1	215,400	
3	P004029	Rotating Blade Stationary Cutter	1	61,550	
4	P004028	Press Cut Stationary Cutter	1	53,850	
5	P004020	Hinge	2	9,235	
※		Rotating Cutter	4	30,770	NO1～4
※		Press Cutter	41	3,695	


⑨
Flange Socket
(Cap Screw)
M10×30
Flange Socket
(Cap Screw)
M10×30
⑨
Cap Screw M6×15
Cap Screw M10×15
Cap Screw M10×15
⑥
⑧
⑦
Cap Screw
M10×15
Hex Nut M6
⑦
Cap Screw M6×15

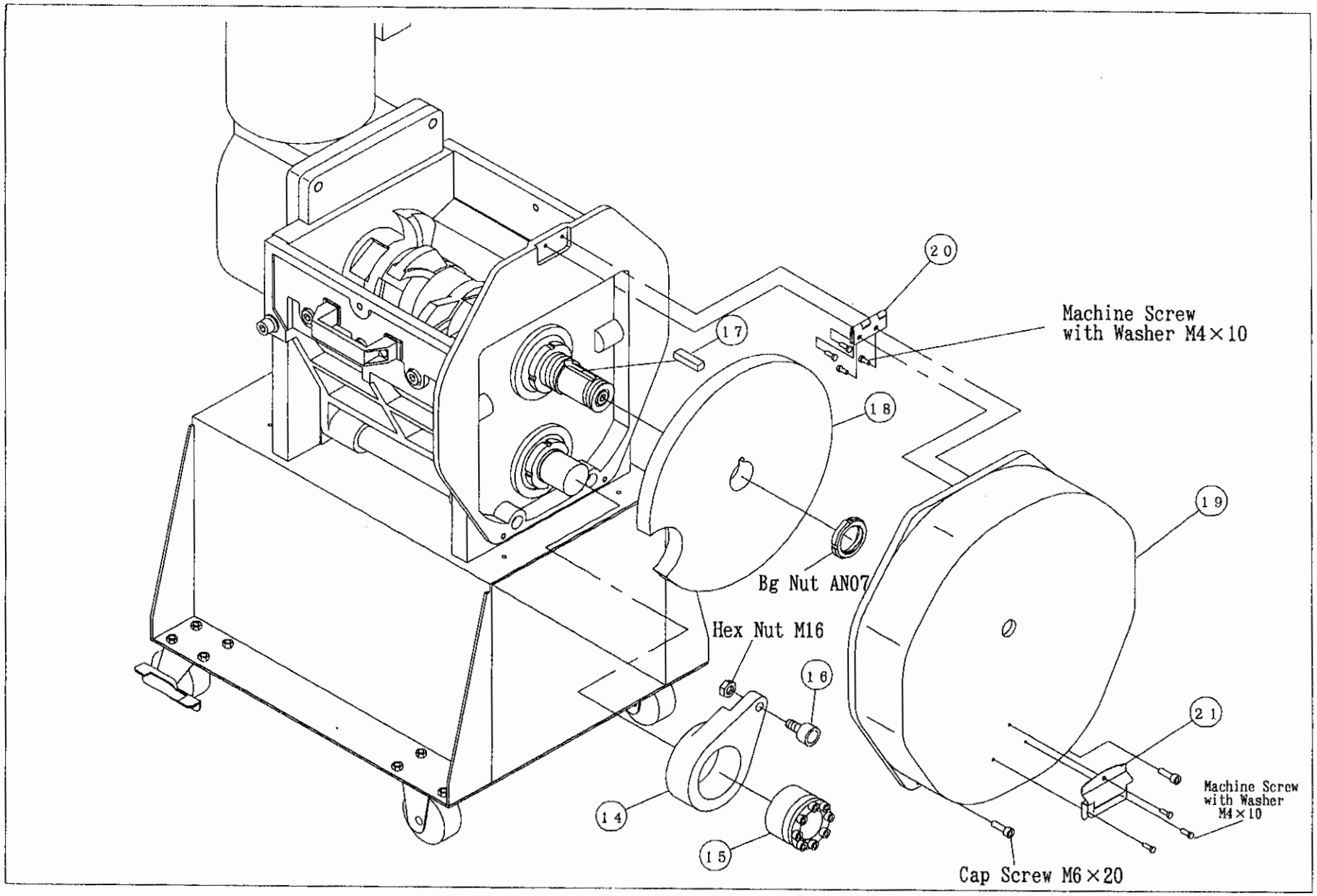
Class	Bottom Frame Ass'y	Model	SPC-750	No.2

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
6	P004031	Bottom Frame	1	61,550	
7	+NO605N	Caster No.605-N	2	1,631	
8	+NO105N	Caster No.105-N-S	2	1,908	
9	+UPC219	Plastic Pull UPC-21×93.5	2	2,093	


10
12
Cap Screw M12×35
11
13
11
Cap Screw M8×40
Cap Screw M12×30

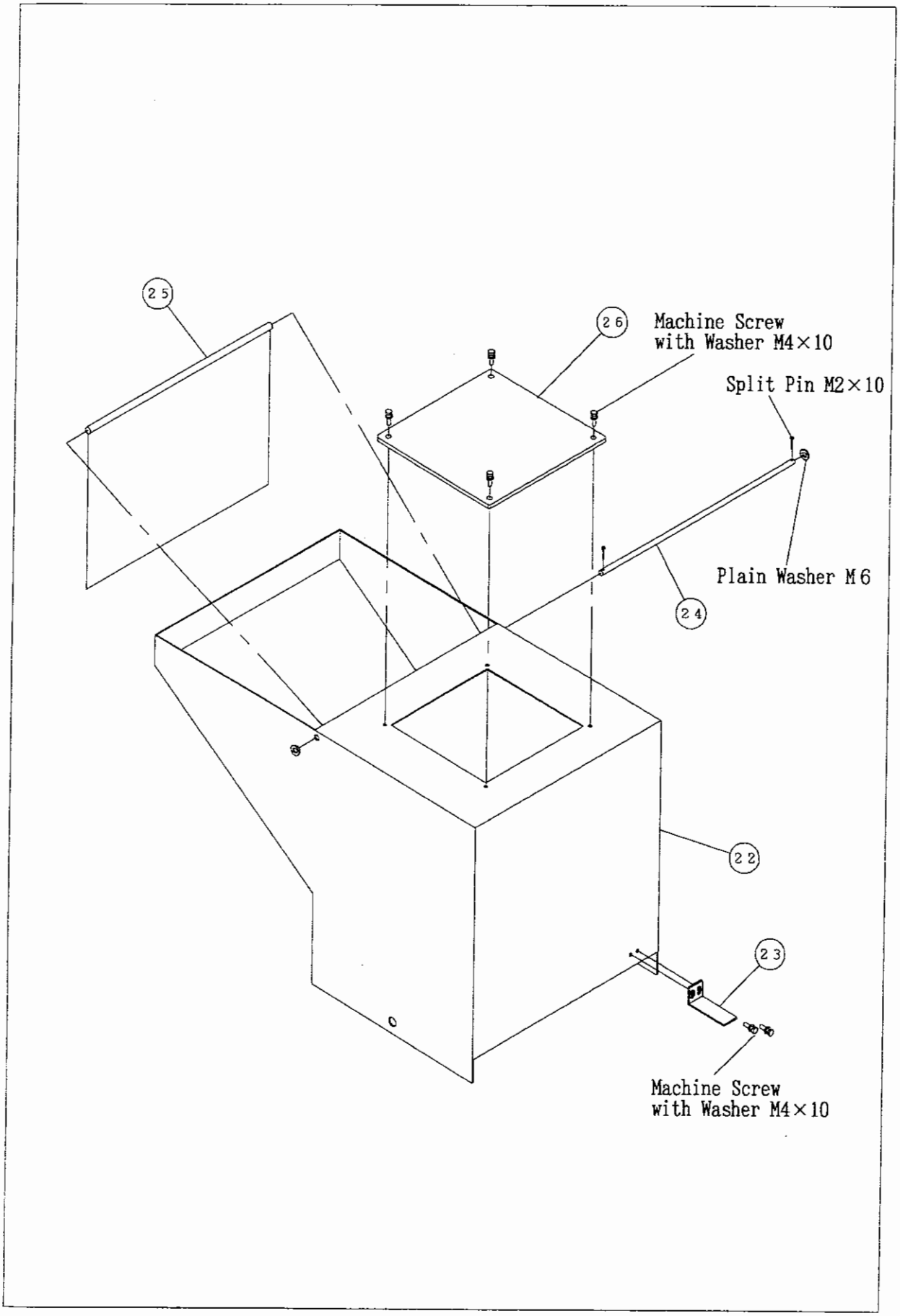
Class	Motor Ass'y	Model	SPC-750	No.3

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
10	P004023	Motor Key 14×9×50	1	370	
11	P004024	Drive Washer	2	1,847	
12	+FSM454	FMS-45-40-075T Hole(Left)	1	136,000	
13	+RTW45	Retaining Ring RTW-45	1	77	


20
Machine Screw
with Washer M4×10
17
18
19
Bg Nut AN07
Hex Nut M16
16
21
Machine Screw
with Washer
M4×10
14
15
Cap Screw M6×20

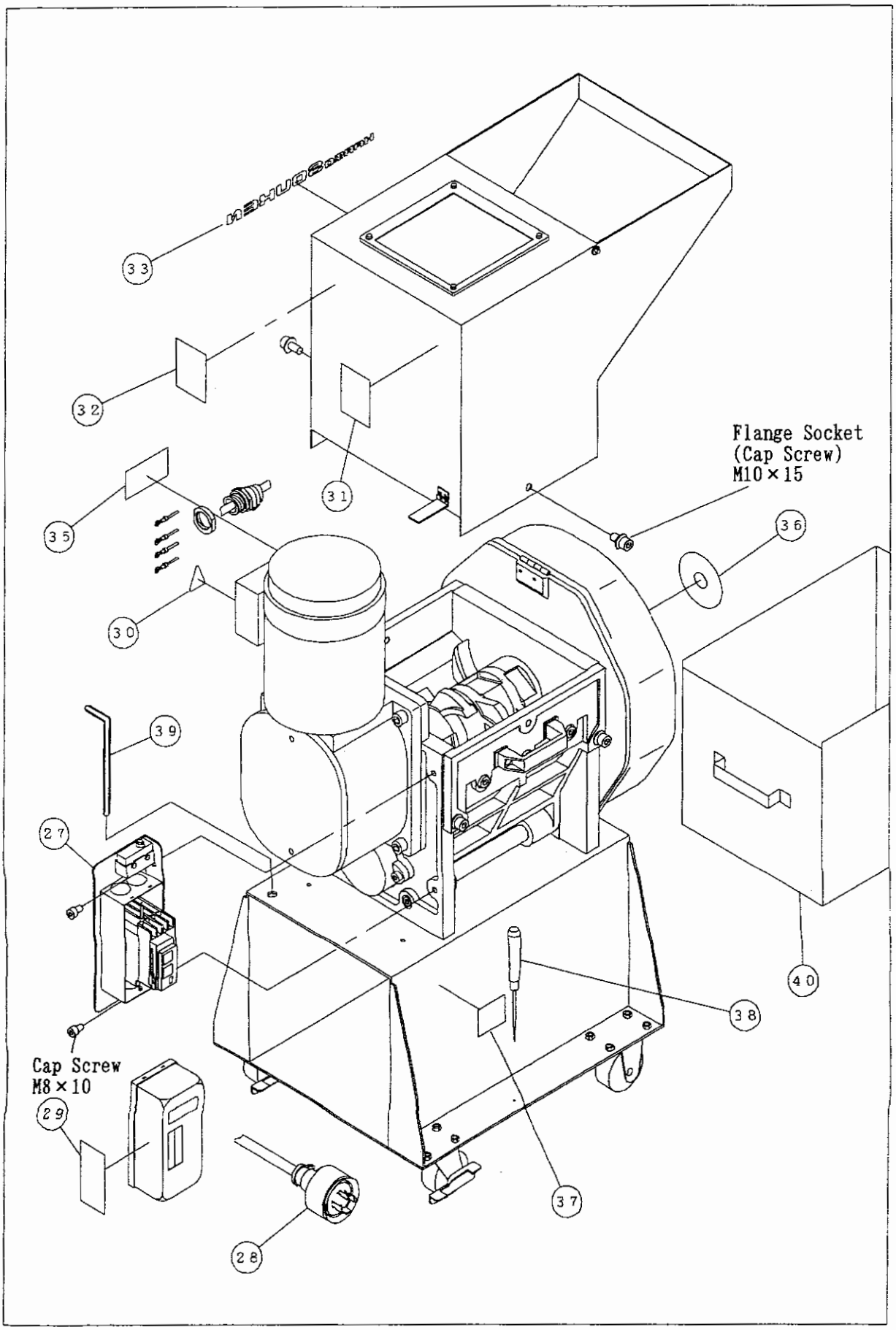
Class	Drive	Model	SPC-750	No.4

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
14	P004026	Torque Arm	1	27,695	
15	+CLK386	Clamp Lock CLK-38×65	1	24,620	
16	+CF16VU	Cam Follow CF16VUUR-A	1	6,465	
17	P004025	Cam Key 10×8×22	1	170	
18	P004027	Cam Groove	1	57,695	
19	P004030	Cam Cover	1	23,080	
20	+TH31	Hinge TH-31	1	1,540	
21	+THA912	Handle THA-9-1-2	1	354	


25
26
Machine Screw
with Washer M4×10
Split Pin M2×10
Plain Washer M6
24
22
23
Machine Screw
with Washer M4×10

Class	Hopper Ass'y	Model	SPC-750	No.5

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
22	P004032	Hopper	1	36,925	
23	P004036	Dog	1	2,000	
24	P004034	Curtain Rod	1	2,462	
25	P004035	Curtain	1	2,154	
26	P004033	Sight Glass	1	1,847	


33
32
31
35
30
Flange Socket
(Cap Screw)
M10×15
36
39
27
40
38
Cap Screw
M8×10
29
37
28

Class	Electric Parts & Exterior Parts	Model	SPC-750	No.6

No.	Parts No.	Parts Name	Q'ty	Fixed Price	Note
27	P004C	Electric Parts Ass'y	1	18,465	
28	+WF8420	Three-phase Wall Socket WF8420K	1	12,770	
29	P000047	Electric Shock Warning Label	1	39	
30	P000046	Electric Shock Caution Label	1	39	
31	P000043	Warning Label (Eye)	1	70	
32	P000042	Warning Label (hand)	1	70	
33	P001028	Logo Label	1	154	
34	P000049	Door Opening/Closing Caution Label	1	462	
35	P004039	Direction of Rotation Label	1	277	
36	P000048	Name Plate	1	54	
37	+1000UP	Eyeleteer	1	462	
38	+EL8	Allen Wrench	1	754	
39	P004038	Tank	1	30,770	