



Grand Rapids, Michigan, U.S.A. 49504-5298

## **USER'S OPERATING AND INSTRUCTION MANUAL**

### **MODEL 1279**

BAGGER



## 1279 BAGGER

### 1279 OPERATORS MANUAL

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REV. 3/2/04

## BAGGER SAFETY INSTRUCTIONS

### OLIVER PRODUCTS COMPANY

Every effort has been made by Oliver Products Company to provide you with a safe machine. It is essential, however, that machine operators and maintenance personnel observe the following safety instructions.

1. Before attempting to operate your bagger, read the Operating Instruction portion of this Manual.
2. Make sure that the bagger is only connected to a properly grounded electrical supply source.
3. Make sure the machine has been disconnected from the power supply before cleaning or servicing.
4. Always keep hands away from moving parts.
5. "WARNING," when adjusting the height of the "optional" bagger table, you must support the table to prevent accidental collapse. Adjust one leg at a time.

# OPERATING INSTRUCTIONS FOR 1279 BAGGER

## SPECIFICATIONS

**MACHINE DIMENSIONS:** 13" WIDE x 40½" LONG x 9" HIGH  
**ADJUSTABLE FUNNELS:** 2¼" TO 3½"  
**BAG WIDTH:** 4" TO 13" (WICKETED BAGS ONLY)  
**BAG LENGTH:** AS REQUIRED  
**STANDARD COLOR:** WHITE  
**ELECTRICAL SERVICE:** 115 VOLTS\*, 50 OR 60 HZ, 1 PH, 1.02 AMP.  
\*(230 VOLTS .51 AMP AVAILABLE)

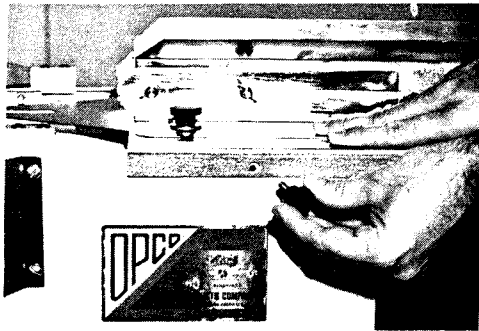


## ACCESSORIES

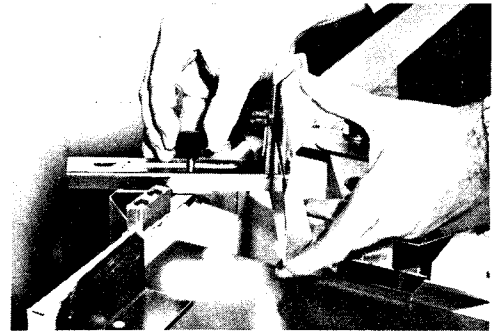
- EXTRA LENGTH BAG TRAY
- BAG SUPPORT FOR TRAY
- OPTIONAL FUNNELS
- ADJUSTABLE TILT TRAY
- DROP-LOADING HOPPER
- ADJ. HEIGHT FLOOR STAND 25" to 35"

## GENERAL

Before making any adjustments to your bagger make sure the motor has stopped and that you have disconnected it from the power supply. The bagger must be adjusted for each change in product width and height. Each of these dimensions as well as product length may also affect bag size.



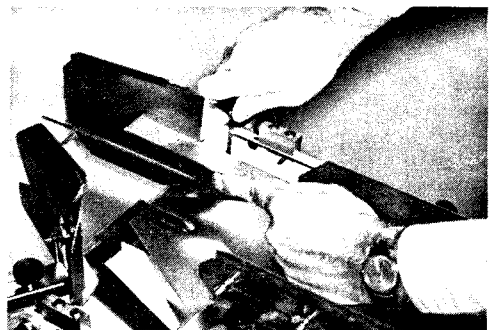
1. Remove the two knobs from the side of the case. Place the table over the case and replace the knobs.



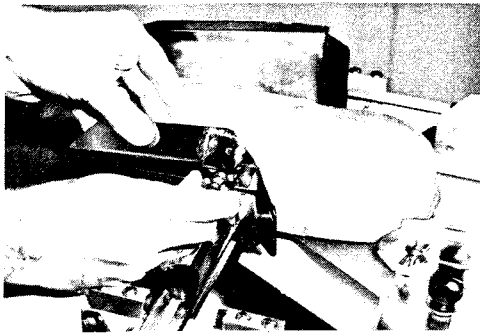
2. Remove the two knobs from the funnel arms and attach the adjustable funnel assemblies. Secure by replacing the knobs.



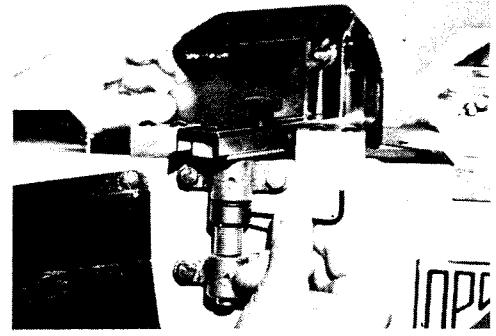
3. Center the product on the bagger table and move the side guides into the product. When satisfied, tighten the knobs to maintain this position.



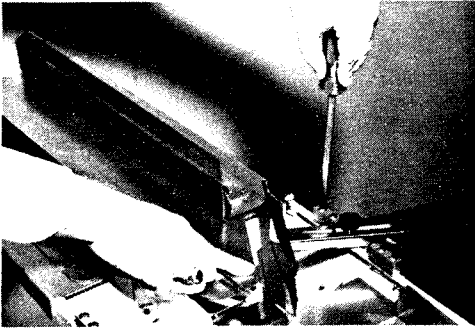
4. Set the width of the funnel arms so that when the funnels are parallel they are the same width and in line with the side guides. A straight edge may be used to make this adjustment.



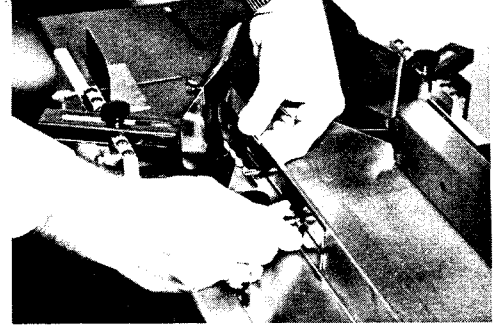
5. Adjust the height of the funnel so that the product will go under the top flange of the funnel. If the funnel cannot be adjusted to this height you may require special funnels.



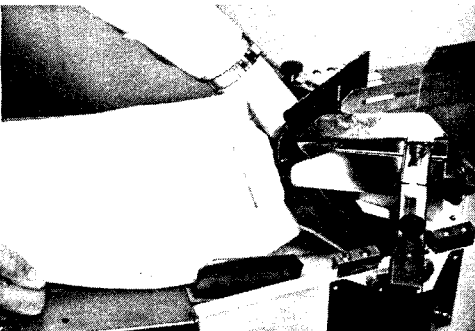
6. If it is necessary to increase the funnel return spring tension, remove the side guard and using a hex allen wrench loosen the spring collar. Rotate the collar until desired tension is reached, retighten the collar and replace the guard.



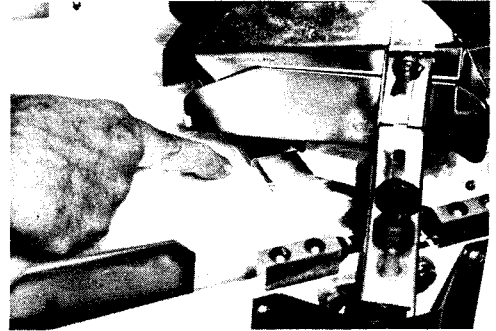
7. Adjust the rear funnel arm stop so that the funnel can return to a position where it is parallel with the edge of the table, or, as near this position as possible without hitting the table.



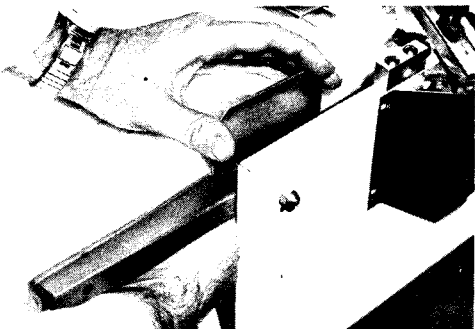
8. Adjust the side guide extensions so that they almost touch the fully returned funnel.



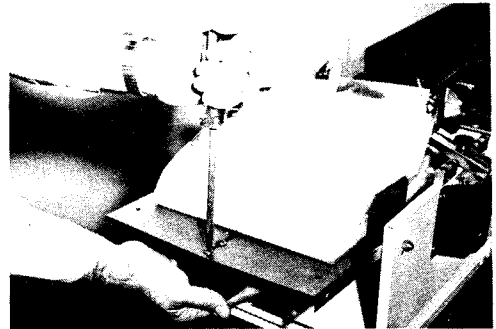
9. Wicketed bags must be used on your bagger. Place the wicket as shown with legs down and past the end of the bag tray.



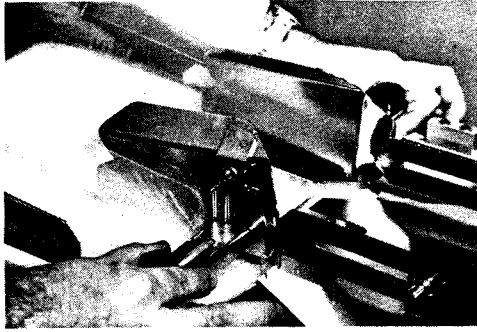
10. Secure the wicket behind the lip as shown.



11. Adjust bag locaters so that they center the bags on the machine.



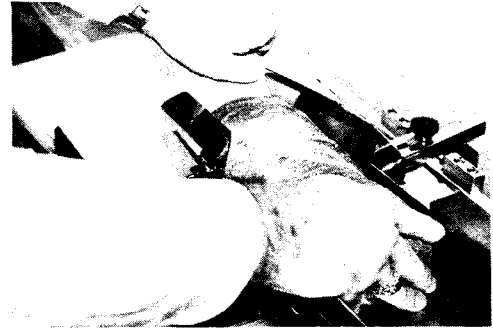
12. Adjust the weight so that it exerts enough force on the wicket to keep it from slipping out from under the lip.



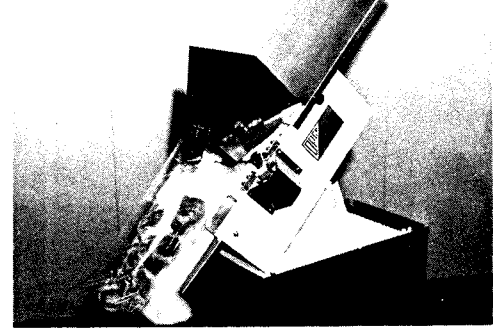
13. You are now ready to begin bagging. Re-connect the bagger to its power supply and turn the machine on. The first bag should fill with air and become ready for loading. Check funnel entry for adequate clearance.



15. Push the product through the funnels and into the bag, continue pushing with one motion until the filled bag rips from the wicket. The bag may now be closed using a closing device of your choice.



14. Place the product between the side guides and slide it into the funnels. In certain cases it may help to hold the bag on its top edge as shown.



16. Using the tilt tray and hopper options can allow you to drop load your product.

PARTS LIST 1279 BAGGER

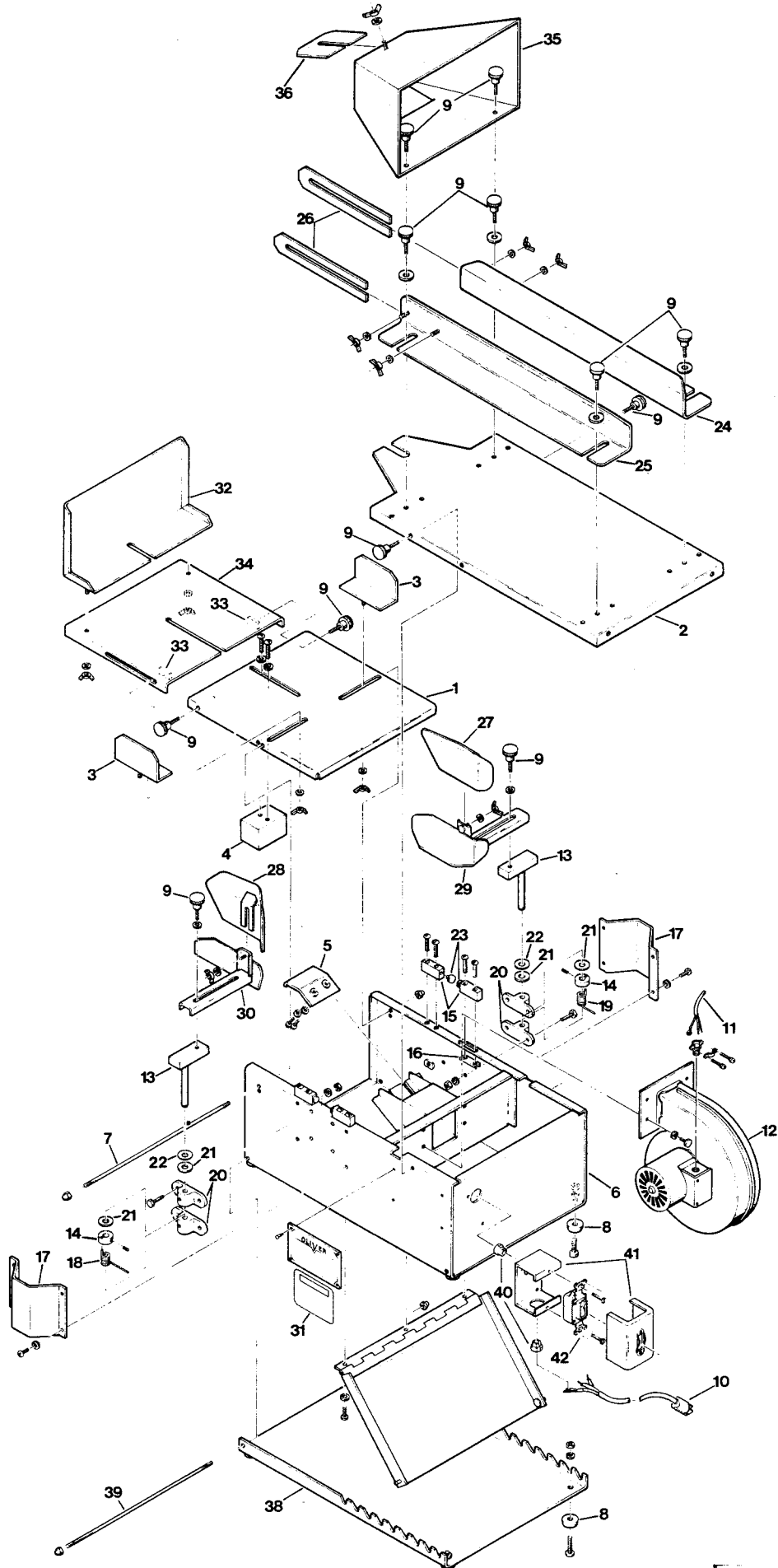
NOTE: Items not identified on this sheet or drawing are standard hardware items which may be purchased locally.

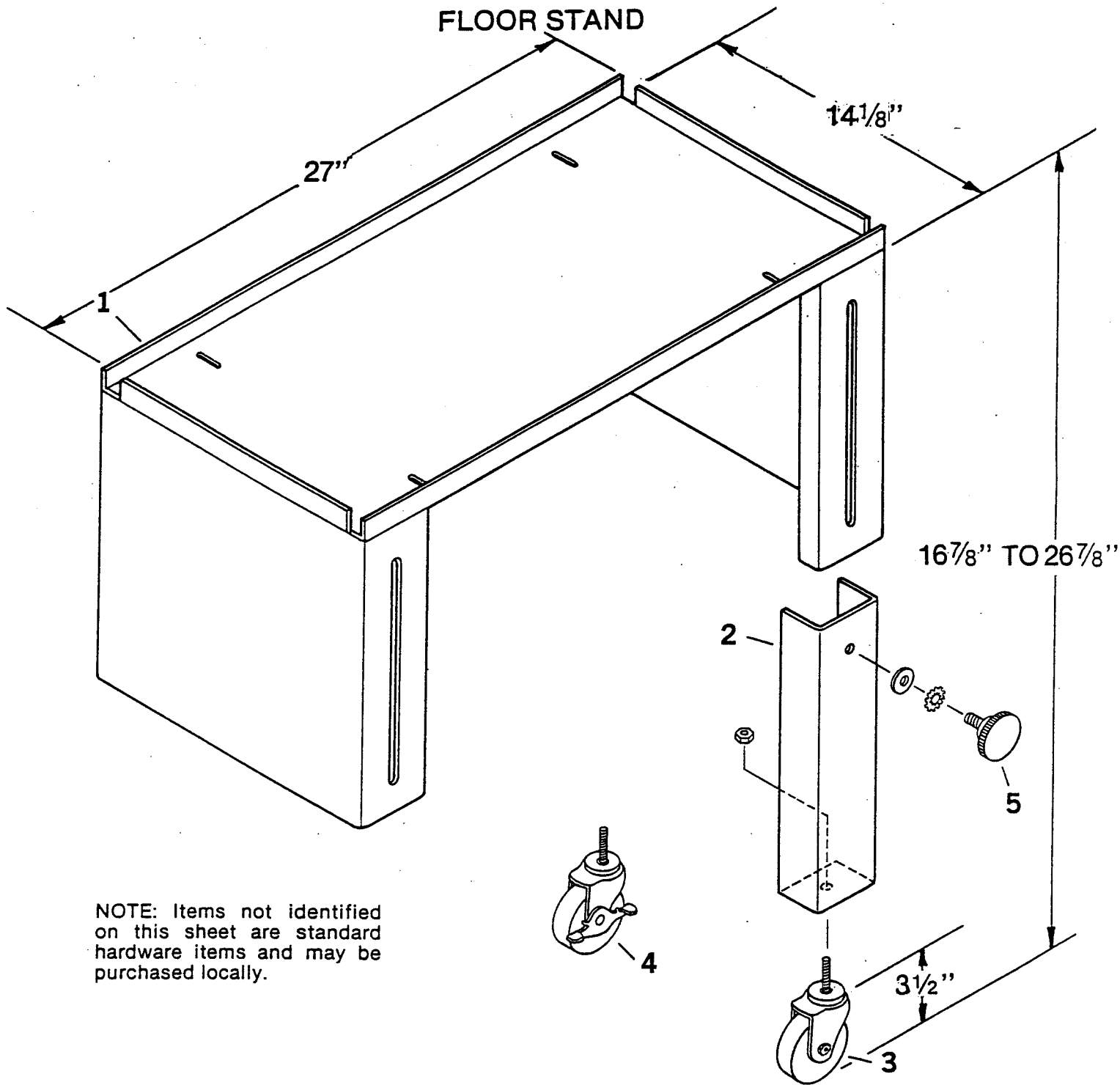
*OPTIONAL ITEMS		
<u>Item No.</u>	<u>Item Description</u>	<u>Part Number</u>
1	Tray-Bag	1079-0014-001
2	Table-Infeed	1079-0015
3	Locator Bag	1079-0016
4	Weight	1179-0003
5	Lip	1179-0004
6	Case	1279-0001
7	Stud-DE	4625-3508-1362
8	Foot-Rubber	5902-0011
9	Knob	5911-7024
10	Cord 115 V.	5765-8300
*10	Cord 230 V.	1179-25011
11	Cord-Motor	1179-0019
12	Blower 1-50/60-115	6310-5015
*12	Blower 1-50/60-230	6310-5016
13	Arm-Funnel	1279-0002
14	Collar-Special Set	1279-0003
15	Block-Stop	1279-0004
16	Bar-Nut	1279-0005
17	Guard-Side	1279-0006
18	Spring-RH	4605-1000-0009
19	Spring-LH	4605-1000-0010
20	Brg. Pillow Block	5251-8090
21	Washer-Thrust 1/8	5254-3505
22	Washer-Thrust 1/16	5254-3507
23	Bumper-Rubber	5902-0020
24	Guide-Product RH	1079-0017-0001
25	Guide-Product LH	1079-0017-0002
26	Extension-Guide	1079-0018
27	Funnel-Upper RH 2-1/4 - 3-1/2	1079-0036-0001
*27	Funnel-Upper RH 3-1/4 - 6	1079-0038-0001
28	Funnel-Upper LH 2-1/4 - 3-1/2	1079-0036-0002
*28	Funnel-Upper LH 3-1/4 - 6	1079-0038-0002
29	Funnel-Lower RH 2-1/4 - 3-1/2	1279-0007-0001
*29	Funnel-Lower RH 3-1/4 - 6	1279-0008-0001
30	Funnel-Lower LH 2-1/4 - 3/1/2	1279-0007-0002
*30	Funnel-Lower LH 3-1/4 - 6	1279-0008-0002
31	Nameplate - Caution	6400-3006
*32	Support-Bag	1079-0021-001
*33	Nut Bar	4460-1008-1001
*34	Extension-Bag Tray	1079-0020-001
*35	Hopper	1079-0022
*36	Hopper-Extension	1079-0023
*37	Plate-Angle	1279-0009
*38	Plate-Base	1279-0010
*39	Stud-DE	4625-3508-1406
40	Strain Relief	5765-1080
41	Enclosure Switch	5764-8070
42	Switch	5758-0002

(Rev. 10-92)

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# OLIVER MODEL 1279 BAGGER





NOTE: Items not identified on this sheet are standard hardware items and may be purchased locally.

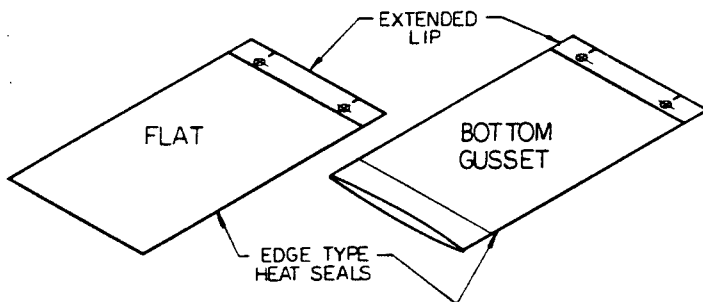
**PARTS LIST:**

			Quantity
1.	FRAME-FLOOR STAND .....	1079-0025	1
2.	LEG FLOOR STAND .....	1079-0026	4
3.	CASTER 3" .....	5902-2358	2
4.	CASTER 3" WITH BRAKE .....	5902-2359	2
5.	KNOB .....	5911-7027	4

# BAG SPECIFICATION FOR OLIVER BAGGERS

## BASIC BAGS

Most applications using the OLIVER bagger will be for either polyethylene or polypropylene bags. These bags must be of an extended lip design and mounted on a wicket, ideally about 250 bags per wicket. The bag can be purchased in different constructions as shown below.



As other bags of either different construction or different materials can be purchased, we would suggest that if you desire to use one of these bags that your best course of action would be to obtain sample bags and to try them, as this would give you the best and most reliable answer to their acceptability.

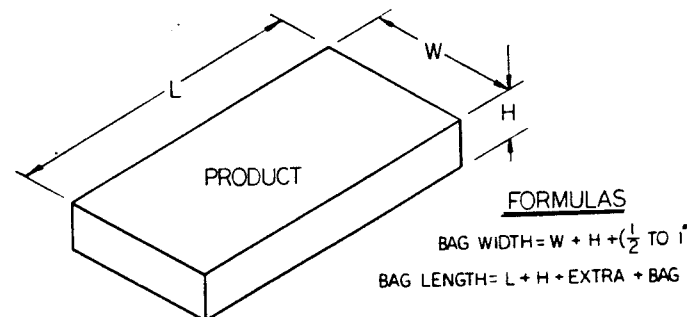
## SIZE SELECTION

The next thing you must determine is the bag size needed for your product. It is important to state here that the looser the fit between the product and the bag the easier it will be to insert the product, thereby increasing the speed of packaging. Conversely a tighter fit will generally result in a better looking package, but slower and more difficult packaging.

What follows is only "a rule of thumb" formula, and before placing an order with the bag manufacturer, sample bags should be tested for their acceptability. As all bagging machines are a little different it also follows that the bag may differ for the same product run on different baggers.

## Bag Width

The minimum width of the bag can be roughly determined by adding the width + height, or, (the circumference divided by two, on irregular shapes), and adding  $\frac{1}{2}$ " to  $1$ ". A 13" wide bag is the maximum width which can be used on an OLIVER bagger.

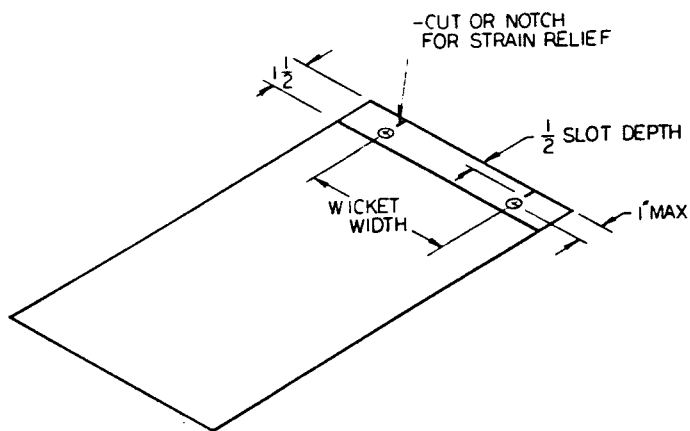


## Bag Length

The length of the bag can roughly be determined by adding the length + height of the product to an extra amount which must be determined by the user of the bagger based on the method which will be employed to close the bag; tying, taping, trim sealing, etc. This may be one to three or more inches depending on the closing method chosen.

## LIP & WICKET SIZES

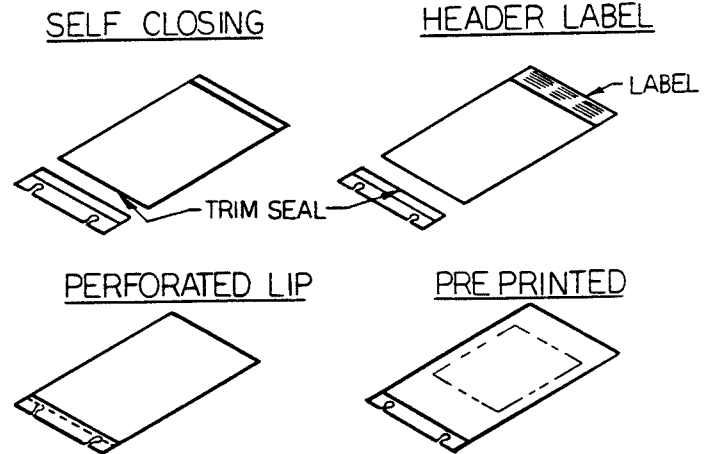
As mentioned before you must use extended lip design, wicketed bags. In general, the lip should be about 1½" long with the center line of the wicket holes about 1" from the edge. Often there is a cut above the wicket holes to aid the bag in tearing from the wicket during loading.



The width of the wicket should never be more than the maximum width of the product to be bagged, and should be centered on the bag. Note: If the wicket were wider than the product you would have to have a wider bag than normally required to handle the same size product.

## BAG OPTIONS

We would like to mention a few of the bag options available, see the following illustration.



Consult your bag supplier for additional types and additional information on their availability for your application.