EXCEED

Model 261

EXCEED MANUFACTURING LLC

MADE IN THE USA

ATTENTION!

To the manufacturer:

The Exceed Model 261 hammermill is sold only as a component of a complete machine. **IT IS NOT PROPERLY SHIELDED. YOU AS THE MANUFACTURER ARE RESPONSIBLE FOR THE PROPER SHIELDING OF THIS HAMMERMILL AND ALL DRIVES RELATED TO ITS OPERATION.**

It is also your responsibility to use proper pulley sizes to produce 2,850 RPM for the rotor. Over-speeding does NOT increase capacity, but does increase the possibility of failure of the machine.

You as a manufacturer assume responsibility to educate the end user of proper use and care of the hammermill.

EXCEED MANUFACTURING LLC
102 CLUBHOUSE RD
WOODBURY PA 16695
(814) 766-2092
leon@exceedmanufacturing.com

I. INTRODUCTION

We are pleased to provide this instructional manual with your hammermill. This manual was written to guide you through assembly, review safety considerations, and cover general maintenance. It represents our latest effort to produce the best documentation possible.

We stand behind our machines with an excellent service department, should the need arise. If you have any service questions or parts requests, please call or email us!

To operate this machine safely and efficiently, it is essential to become as familiar with its characteristics as possible. Take as much time as necessary to become acquainted with this hammermill. The time you invest before you begin to use this machine will be time well spent. Also, read all of the safety procedures. If you do not understand something, do not operate this machine.

II. SAFETY GUIDELINES

REMEMBER: "THE BEST OPERATOR IS A SAFE OPERATOR!"

CAUTION: READ AND UNDERSTAND THE OPERATOR'S MANUAL AND ALL THE SAFETY DECALS BEFORE OPERATING THE HAMMERMILL. REVIEW ALL SAFETY INSTRUCTIONS WITH ALL THE OPERATORS ANNUALLY.

BEFORE OPERATING:

- Do not wear loose fitting clothing as it may catch in moving parts.

- Make sure to install and/or secure all guards, doors, and shields, including the tractor PTO master shield, before starting or operating the hammermill.

- Be sure that the correct implement driveline parts are used and that they are properly secured.

- Clear the area of bystanders, especially children, when operating, making repairs or adjustments, or performing maintenance on the hammermill.

- Put all machine controls in “neutral” and disengage the PTO before starting the tractor. Follow the starting instructions according to your tractor manual.

CAUTION: KEEP CLEAR OF MOVING PARTS. BE SURE TO SHUT OFF THE TRACTOR AND SET THE PARKING BRAKE. REMOVE THE TRACTOR KEY WHILE MAKING ANY ADJUSTMENTS. WAIT FOR ALL MOVEMENT TO STOP BEFORE APPROCHING THE MACHINE.

DURING OPERATION:

- Keep hands, feet, hair, and clothing away from moving parts.

- Keep all guards, doors, and shields in place and in good working condition.

- Keep all bystanders, especially children, away from the hammermill while in operation.

- Do not allow riders while the hammermill is in operation.

- Do not attempt to unclog, clean, or adjust the hammermill while it is running.

MAINTENENANCE SAFETY:

- Follow all operating, maintenance, and safety instructions found in this manual.

- Before servicing, adjusting, repairing, or unclogging the machine, always make sure the tractor engine is stopped, the parking brake is set, and all the moving parts have stopped.

- Use sufficient tools, jacks, and hoists that have the capacity for the job.

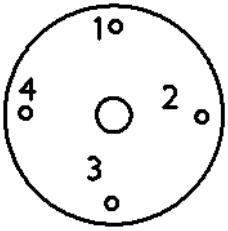
- Follow good shop practices of keeping the service area clean and dry and use adequate lighting for the job at hand.

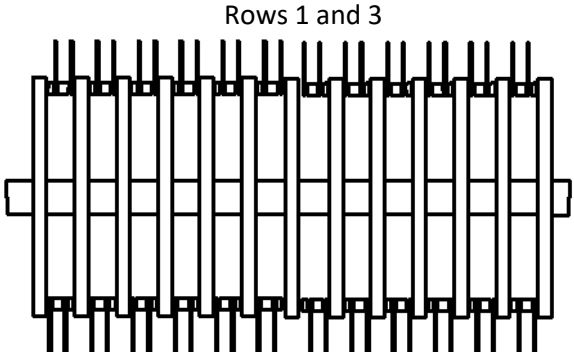
III. MAINTENANCE

- Grease hammermill bearings every 8 hours

- Check hammers monthly for wear or chips and cracks. Hammers must always be replaced in pairs directly across from each other to maintain proper balance of mill. (See diagram below for proper hammer spacing.)

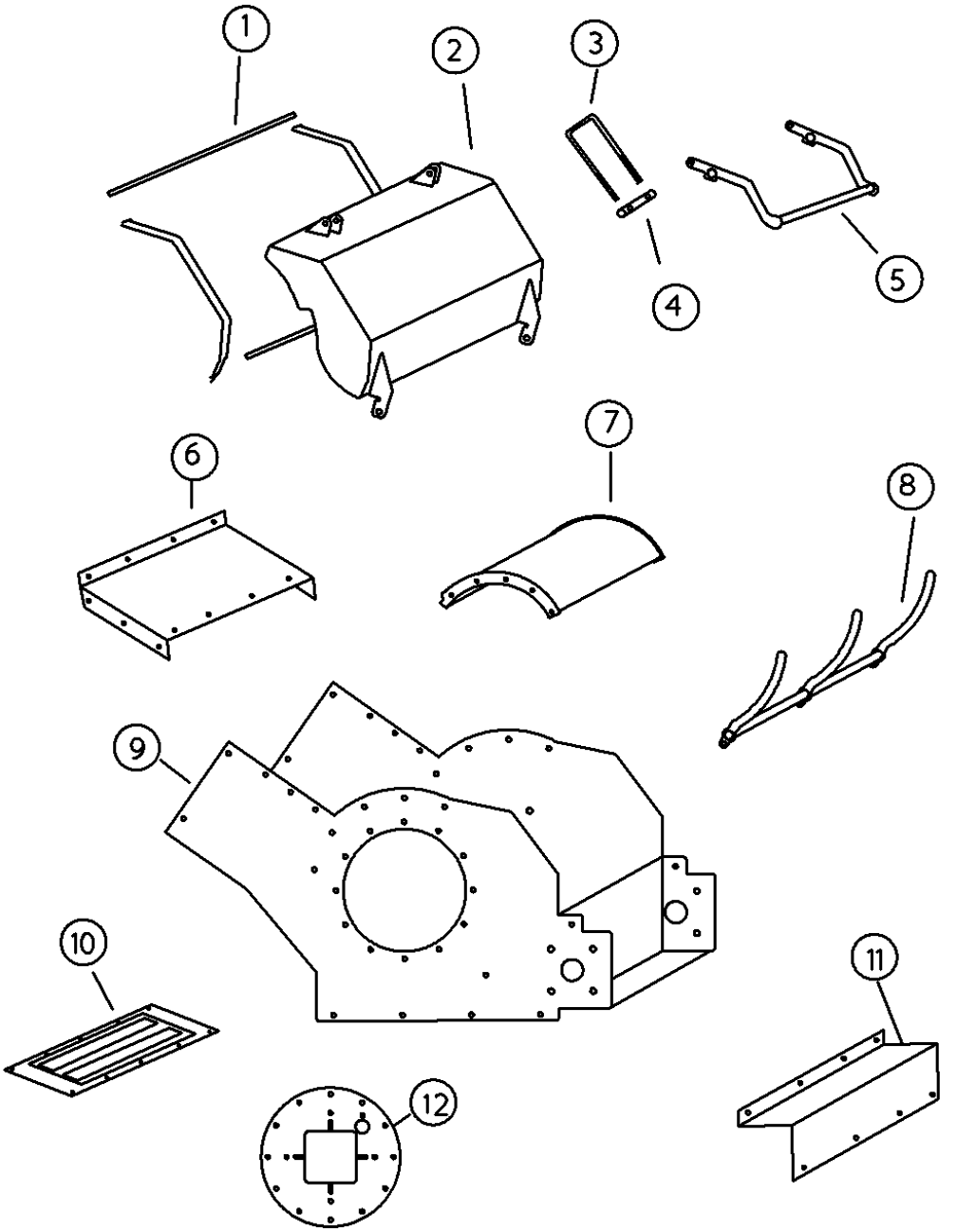
HAMMER SPACING





Alternate wide spacers, narrow spacers, and hammers as shown.

NOTE: Pattern reverses at center of rotor.


1
2
3
4
5
6
7
8
9
10
11
12

1. PN 001048 – FOAM RUBBER ADHESIVE STRIP
8’ MSC 31941388

2. PN 001003 – MILL DOOR WELDMENT
USES 2 - 3/8 X 1 1/4 BOLTS WITH 2 - 3/8 LOCK NUTS

3. PN 001049 – LATCH U-BOLT 3/8 X 2 X 7 MSC 82686619
USES 2 - 3/8 NUTS WITH 2 - 3/8 LOCK NUTS

4. PN 001028 – MILL DOOR LATCH CROSS PIPE

5. PN 001008 – MILL DOOR LATCH WELDMENT
USES 4 - 5/16 X 3/4 CARRIAGE BOLTS WITH 4 - 5/16 CRIMPED LOCK NUTS

6. PN 001012 – MILL THROAT COVER
USES 10 - 5/16 X 3/4 CARRIAGE BOLTS WITH SERRATED FLANGE NUTS

7. PN 001004 – MILL TOP COVER
USES 10 - 3/8 X 1 BOLTS WITH SERRATED FLANGE NUTS

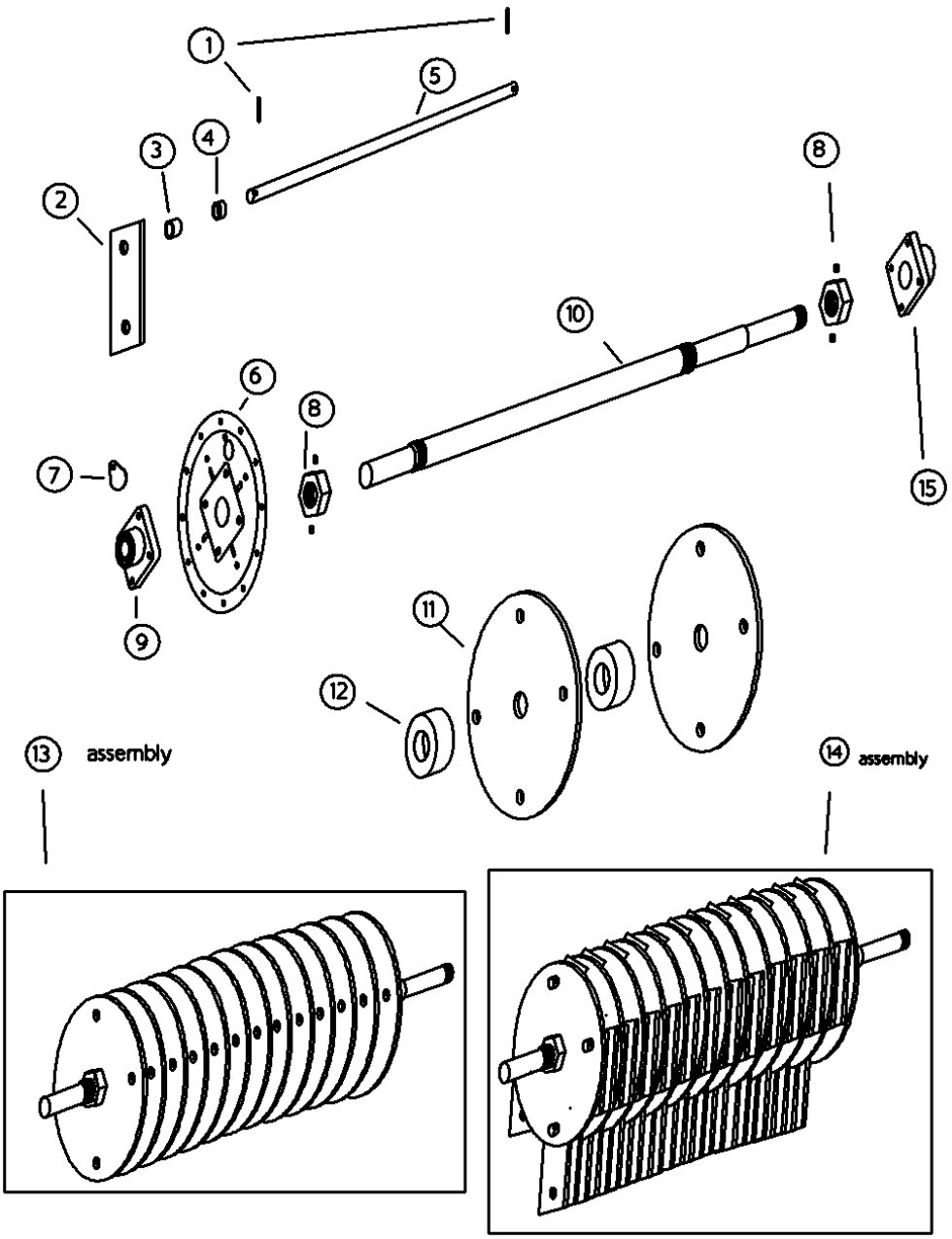
8. PN 001009 – MILL SCREEN HOLDER WELDMENT
USES 2 - 3/8 X 1 1/4 BOLTS WITH LOCK NUTS

9. PN 001001 – MILL HOUSING WELDMENT

10. PN 001014 – MILL MAGNET ASSEMBLY
USES 10 - 5/16 X 3/4 CARRIAGE BOLTS WITH SERRATED FLANGE NUTS

11. PN 001010 – MILL JACKSHAFT SHEILD
USES 8 - 5/16 X 1 SERRATED FLANGE BOLTS

12. PN 001002 – MILL FRONT COVER WELDMENT
USES 12 - 3/8 X 1 BOLTS WITH SERRATED FLANGE NUTS



(See page 4 for proper hammer spacing.)

1. PN 001030 – 1/4 X 1 1/4 SLOTTED SPRING DOWEL PIN

2. PN 001031 – HAMMER (QTY 96)

3. PN 001032 – 0.69” WIDE HAMMER SPACER (QTY 48)

4. PN 001033 – 0.5” NARROW HAMMER SPACER (QTY 48)

5. PN 001034 – HAMMER ROD

6. PN 001002 – MILL FRONT COVER WELDMENT
USES 12 - 3/8 X 1 BOLTS WITH SERRATED FLANGE NUTS

7. PN 001011 – HAMMER ROD HOLE COVER

8. PN 001035 – MILL ROTOR NUT (QTY 2)
(INCLUDES 2 - 5/16 X 5/8 SET SCREWS)

9. PN 001036 – MILL ROTOR BEARING (BELT END)
USES 4 - 1/2 X 2 1/2 BOLTS WITH SAE WASHERS AND LOCK NUTS

10. PN 001037 – MILL ROTOR SHAFT

11. PN 001038 – MILL ROTOR PLATE (QTY 13)

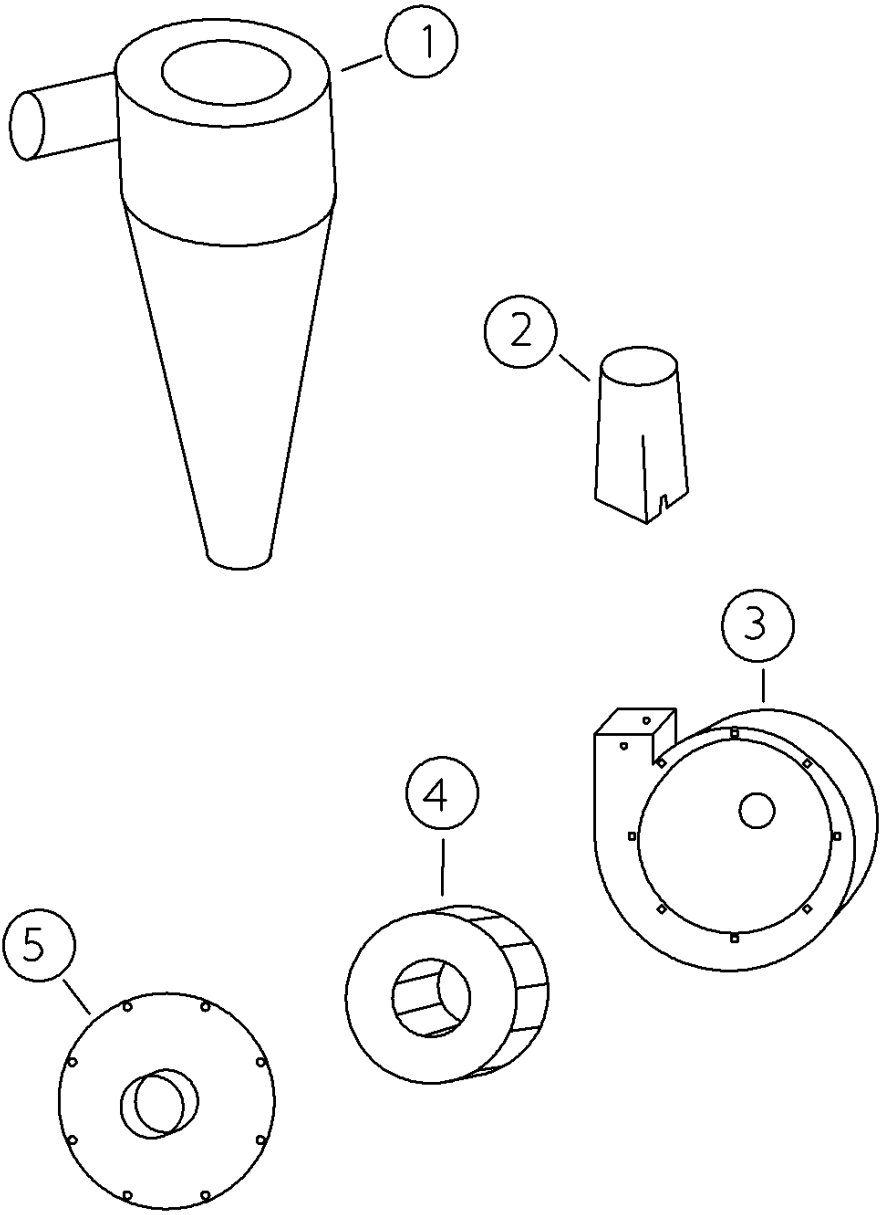
12. PN 001039 – MILL ROTOR SPACER (QTY 12)

13. PN 001040 – MILL ROTOR ASSEMBLY

14. PN 001041 – MILL ROTOR ASSEMBLY WITH HAMMERS

15. PN 001042 – MILL ROTOR BEARING (FAN END)
USES 4 - 1/2 X 1 1/2 BOLTS WITH SAE WASHERS AND LOCK NUTS

(See page 4 for proper hammer spacing.)


1
2
3
4
5

1. PN 001007 – DUST COLLECTOR

2. PN 001029 – MILL FAN OUTLET ADAPTER
USES 2 - 5/16 SERRATED FLANGE NUTS

3. PN 001005 – MILL FAN HOUSING WELDMENT
USES 4 - 5/16 X 3/4 CARRIAGE BOLTS WITH SERRATED FLANGE NUTS

4. PN 001006 – MILL FAN WELDMENT

5. PN 001013 – MILL FAN COVER WITH INTAKE WELDMENT
USES 8 - 5/16 SERRATED FLANGE NUTS