



Slicer & Shredder Attachment

for 177MX20 & Other Mixers with #12 Hub

Models: 177MX20SHRDR, 177MX20SLICR, 177MX20SHSL

09/2020

ITEM #	DESCRIPTION	BLADE SIZE	FITS HUB
177MX20SHRDR	Shredder Attachment with 3/16" Shredder Plate	9"	#12
177MX20SLICR	Slicer Attachment	9"	#12
177MX20SHSL	Slicer & Shredder Attachment with 3/16" Shredder Plate	9"	#12

Please read and keep these instructions. Indoor use only.

User Manual



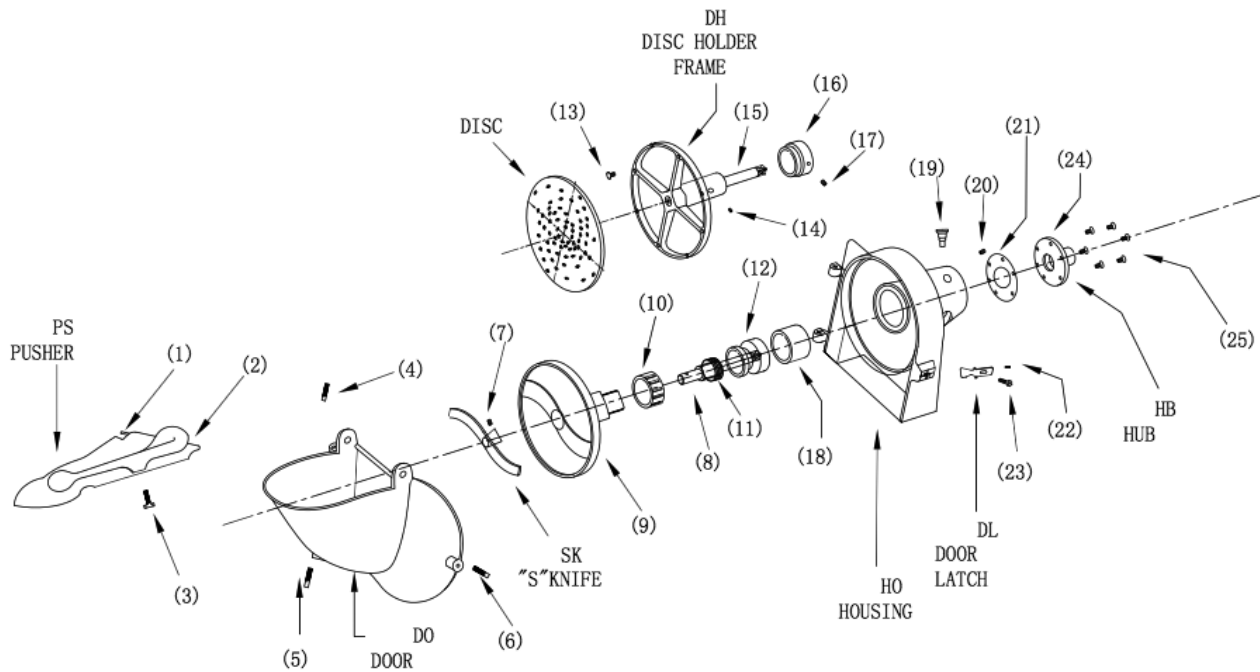
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Safety

- Wear protective gloves whenever handling the knives, cutting plates, or cutting assemblies.
- Before installing or uninstalling the unit, disconnect the electrical power supply. This will prevent any chance of accidental start-up.
- If product becomes jammed in the hopper during operation, immediately turn the unit off and disconnect the electrical power supply cord. Make sure rotation has stopped. Unlatch the front cover, swing it open and clear the obstruction.
- Never insert hands into the hopper. Never insert any utensil into the hopper.
- Never hose down the unit mounted to power source equipment. Hosing down the unit could cause electrical shock.

Exploded Parts Diagram



DESCRIPTION	DESCRIPTION	DESCRIPTION	DESCRIPTION
1 PS Pin (S)	7 SK Screw	13 DH Pin	19 HO Lock
2 PS Pin (L)	8 SK Support	14 DH Pin	20 HO Screw
3 PS Screw	9 Plate for UVS-S	15 DH Support	21 HO Seal
4 DO Screw (L)	10 Plastic Knob	16 DH Ring	22 DL Pin
5 DO Screw (S)	11 Spring	17 DH Screw	23 DL Screw
6 DO Pin	12 Brass Knob	18 HO Copper Ring	24 HB Pin
			25 HB Screw

Accessories & Replacement Parts

ITEM #	DESCRIPTION	ITEM #	DESCRIPTION
177MX20GRATR	Grater Plate	177MX20SKNIF	Slicer Knife Assembly
177MX20SH12	1/2" Shredder Plate	177MX20PHOLD	Plate Holder Assembly
177MX20SH14	1/4" Shredder Plate	177MX20DOOR	Front Cover
177MX20SH316	3/16" Shredder Plate	177MX20RHOUS	Rear Housing
177MX20SH332	3/32" Shredder Plate	177MX20HNDLE	Pusher w/ Handle
177MX20SH516	5/16" Shredder Plate		

Installation

Installing Slicer Knife Attachment onto Housing

1. Lift the knife assembly (Fig. 1) and insert it into the rear housing. (Fig. 2)
2. Lift the lock pin and seat the plate unit with a gentle twist. (Fig. 3)
3. Make sure that the thrust bearing on the shaft is fully inserted into the rear housing.
4. Release the lock pin and close and securely latch the front housing. (Fig. 4)
5. The vegetable slicer attachment is now ready to be loaded to the power source equipment.

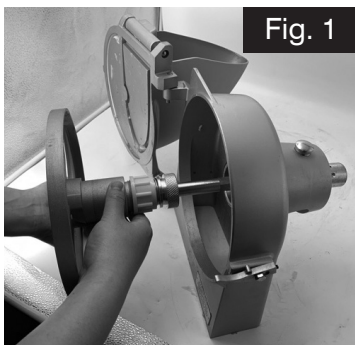


Fig. 1

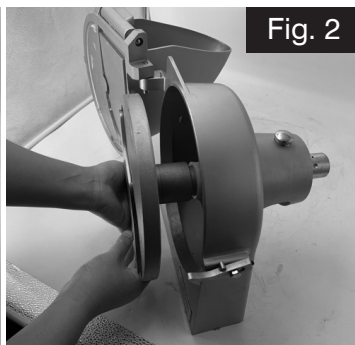


Fig. 2

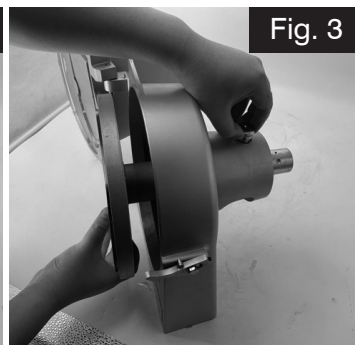


Fig. 3

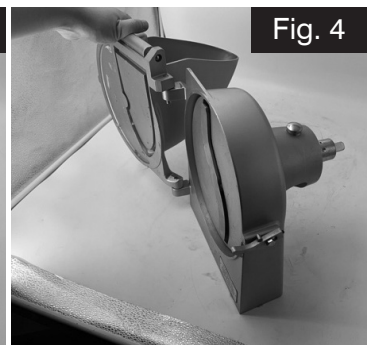


Fig. 4

Installing Shredder Disc onto Disc-Holder Assembly

1. Place the disc on the shaft so that the cutting edges face you. (Fig. 5)
2. Carefully turn the shaft clockwise until pin aligns with the notch on the disc holder.
3. Push the disc holder assembly down and turn to lock both disc and pin into place. (Fig. 6)

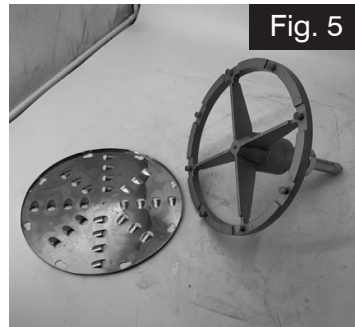


Fig. 5

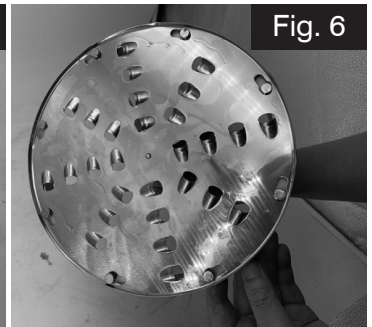


Fig. 6

Installing Disc-Holder Assembly onto Housing

1. Lift the disc-holder assembly (Fig. 7) and insert it into the rear housing. (Fig. 8)
2. Lift the lock pin and seat the plate unit with a gentle twist. (Fig. 9)
3. Make sure that the thrust bearing on the shaft is fully inserted into the rear housing.
4. Release the lock pin and close and securely latch the front housing. (Fig. 10)
5. The vegetable slicer attachment is now ready to be loaded to the power source equipment.

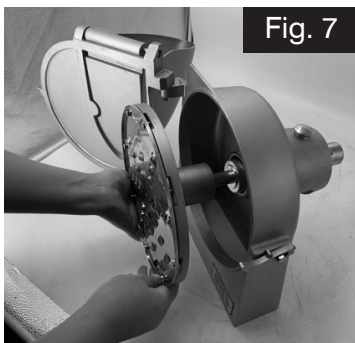


Fig. 7

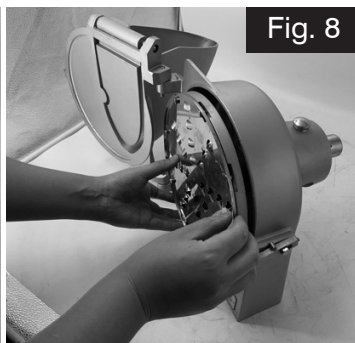


Fig. 8

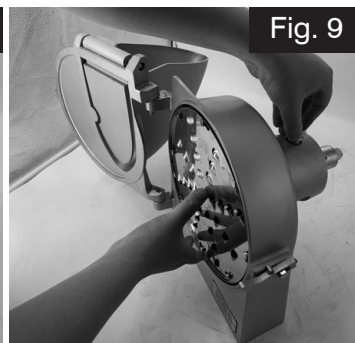


Fig. 9

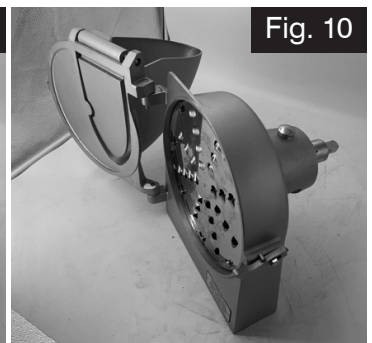
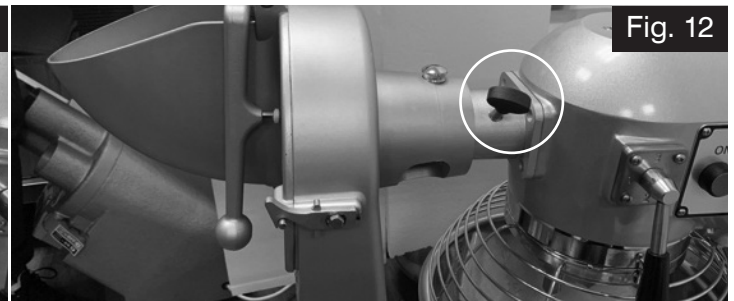
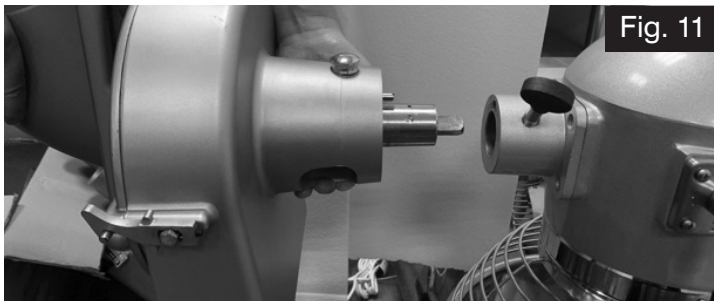


Fig. 10

Loading Attachment onto #12 Hub

1. Before mounting the unit, make sure that the power source is turned off.
2. Carefully lift the assembled unit (Fig. 11) and insert the square milled shaft end into the hub while turning the unit to engage the square end on the shaft with the square hole in the adapter.
3. Slide the unit forward and push the unit fully forward on to the hub.
4. Tighten the thumbscrew to secure the unit to the hub. (Fig. 12)
5. The vegetable slicer attachment is now ready to process product.



How to Adjust Thickness

1. Either before install or after install, the plate can be adjusted (Fig. 13) to slice product to different thicknesses by turning the adjusting plastic knob as shown. (Fig. 14)



Operation Instructions

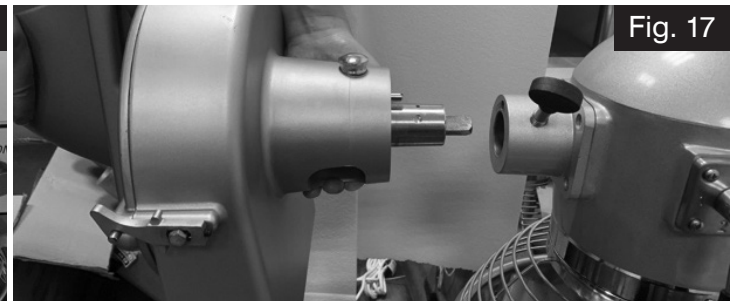
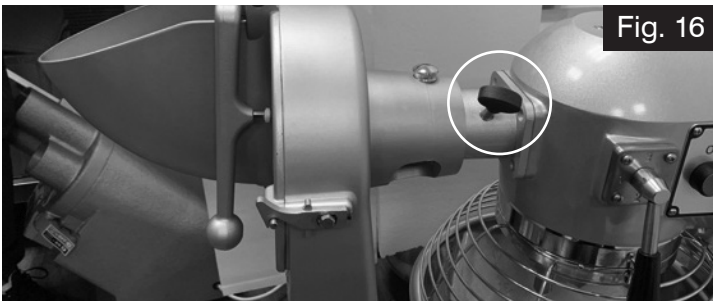
1. Connect the electrical supply to the power source equipment, turn the power source equipment on.
2. Lift the feed plate to expose the processing plate unit and drop product into the feed hopper. (Fig. 15)
3. Keep hands and fingers out of the hopper.
4. With the feed plate, gently push the product into the rotating plate unit.



Dismounting and Disassembly for Cleaning/Maintenance

Dismounting

1. Make sure the power source is turned off or disconnected.
2. Loosen the thumbscrew (Fig. 16) and slide the unit from the hub. (Fig. 17)
3. Set the unit on a stable working surface.



Disassembly

1. Unlatch the front housing and swing it toward you.
2. Swing the feed plate all the way up and slip it off the front housing and set aside.
3. Lift the front housing from the pivots and set it aside.
4. Remove the processing plate unit.
5. To disassemble the processing plate units, follow the assembly instructions in reverse order.

Cleaning & Maintenance

1. Turn off power source and carefully disassemble the unit.
2. Wash the plate with running water and make sure no food is attached after.
3. After every cleaning apply a thin coating of sanitary petroleum jelly to all bearing surfaces. Do not use vegetable oil. If adjusting nuts and screws become stiff to work with, apply a drop of food grade sanitary mineral oil.

Troubleshooting

CAUTION: Review all safety notes and disconnect the electrical power supply to the equipment before attempting corrective measures.

TROUBLE	POSSIBLE CAUSE	SOLUTION
Attachment cannot be installed onto the mixer hub	Hub shaft is in let-in position	Rotate mixer's shaft slowly until it can be inserted
Knife or plate scraping front housing	Thrust bearing loose	Tighten thrust bearing
	Lock pin not fully engaged	Make sure the lock pin is properly engaged
Mounted unit rattles when under power	Thumbscrew or securing mechanism is loose or missing	Tighten or replace thumbscrew
Feed plate scraping plates	Feed plate is out of adjustment	Adjust feed plate with adjusting screw