

## Safety Precautions

To avoid personal injury, and damage to the shredder, observe the following safety precautions. Please keep these instructions for future reference.

- Keep hands, long hair, clothing, ties, jewelry and loose items away from the feed opening and shred outlet.
- Do not use the shredder for anything other than its intended purpose. Never use it to shred cloth, plastic, cardboard or any hard material that will cause damage to the shredder blades.
- Do not operate with a damaged power cord or plug, or when the machine is damaged in any manner.
- Do not allow children to operate the shredder.
- Unplug the shredder when it is being moved, or not in use for an extended time.
- Do not disconnect the power by pulling only the cord.
- Keep the shredder away from direct sunlight.
- Do not sit on the shredder or place anything on top of it.
- Never open the fixed switch or cover.

## Safety Devices and Other Features

### Door Switch

If the door is open, the shredder will not operate.

### Automatic Stop

When the waste bin is full, the “FULL” LED will light and the cutter stops operation. Open the door, remove the waste bin and empty. Replace the waste bin, close the door, and press START to resume operation.

### Automatic Power Shut-Off

If the shredder operates continuously for more than 30 minutes, the power is automatically shut off.

If the motor is overloaded, the “STOP” LED will flash until it cools down. When the flashing stops the shredder is ready to be used again.

## Maintenance

- Disconnect power by pulling power cord plug from wall outlet.
- To clean the exterior, wipe the surface with a soft cloth. If the surface is very dirty, use a neutral detergent, then wipe again with a soft cloth.

### CAUTION:

- Never put water directly on the surface of the shredder.
- Never clean the case with benzene or thinner, since it will cause discoloration.
- Do not dismantle the shredder. Contact your Formax Dealer for service.

# FORMAX<sup>®</sup>

## FD 87 Casino Shredder



## Specifications

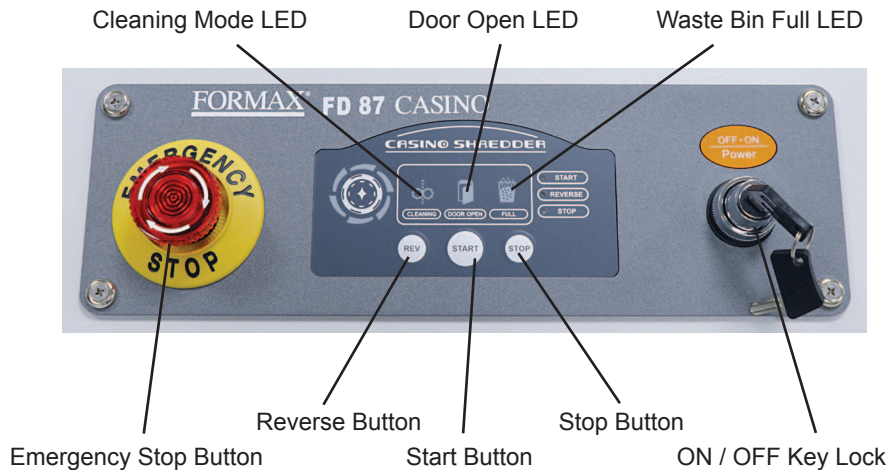
Cutting Style:	Cross Cut
Capacity Per Cycle*:	Up to 3 decks of cards, 20 dice, 40 casino chips (clay or plastic)
Feed Opening:	4.75" W x 6" L
Shred Size - Playing Cards:	≤ .19" x 3"
Shred Size - Dice:	≤ .5" x .5"
Shred Size - Chips/Tokens:	≤ .75" x 1.5" (1.5" Chip)
Dimensions:	24" W x 36" D x 48.5" H (plus room to open waste bin door)
Bin Capacity:	7 gal.
Weight:	948 lbs.
Motor:	2HP
Power Supply:	3-Phase, 220V, 50/60 Hz NEMA L15-20P plug included NEMA L15-20R receptacle required

\* Capacity may vary due to variations in gaming pieces and power supply.

## Set-up Guidelines

1. Install the shredder on a level surface, away from heat sources and direct sunlight.
2. Insert plug into wall outlet with the appropriate voltage.

## Control Panel



## Operation

1. Open the breaker panel door (lower left side). Flip ON the breaker. Close door.
2. Insert key and turn Power switch to ON.
3. Open the shredding chamber (fig. 1).
4. Drop in cards, chips, dice, (fig. 2) but DO NOT overload the chamber.
5. Close the door and turn the handle to latch securely.
6. Press START on the control panel. LEDs will light in the shredding chamber and shredding will begin. Wait until the shredding chamber is clear before pressing stop.

**WARNING:** DO NOT attempt to open the shredding chamber door during shredding. The motor and blades will automatically stop turning, but particles may fly out before they have stopped. If you need to stop the shredder before the chamber is clear, press the red Emergency Stop button.



Fig. 1



Fig. 2

### Reverse Operation

Push the REV button and the "REV" LED will light and cutters will operate in reverse. NOTE: The maximum amount of chips/dice/cards to be shredded varies. If the shredder is to be used continuously, do not insert more than half of the maximum capacity.

### Full Sensor

If the wastebasket is full, the "FULL" LED will light and the shredder will stop automatically. Open the waste bin door, remove and empty the waste bin. Replace the waste bin, close door, and press START to resume shredding.

