Audit Report

- Manufacturer: Escher Mixers srl
- Equipment Description: Escher MT200P Tilting 200 Kg Spiral Mixer
- E#: E317199



Prepared For:

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Equipment Details

- Model: MT200P
- Serial: 9698
- Voltage: 208 | 3Ph
- Air Pressure: N/A
- Manual Present
    - Digital Yes
    - Hard Copy Yes
- Electrical Schematic Present
    - Digital Yes
    - Hard Copy Yes
- Passwords Known? NA
    -

General Comments / Observations

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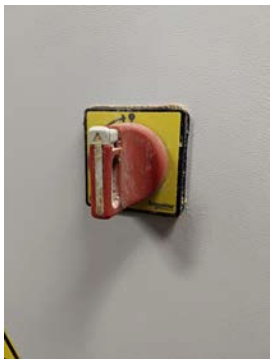
Scope Summary

This report will identify observable worn components, provide preliminary replacement cost estimates, and include a limited, non-invasive evaluation of visible conditions that may affect operational safety and reliability at the time of inspection. Any observations regarding potential retrofits or modifications are advisory only. **This evaluation is not a certification, approval for operation, or a guarantee of performance, safety, or regulatory compliance.** Responsibility for safe operation, maintenance, and compliance remains with the equipment owner, and this report is not intended to ensure OSHA or other regulatory compliance.

This equipment will remain in our shop for 2 business days. If no decision is provided, the equipment will be moved out of our shop to continue shop work on other projects.

Safety

Condition/Presence of Guards, doors, and caging  Comments / Observations / Concerns • Pistons that hold up the bowl cage are weak. The cage will stay open but start dropping if bumped.	Moderate
Does this machine have all necessary lock out/tag out devices? • Electrical Yes • Pneumatic NA	Yes

 Comments / Observations / Concerns •	
Is the safety circuit complete and functional? • Doors Yes • Estops Yes • Other NA Comments / Observations / Concerns •	Yes
Does the machine recover once the safety circuit is reset? Comments / Observations / Concerns •	Yes
Condition of decals and safety info • Mechanical Good • Electrical Good • Machine nameplate Good • Other Moderate	Moderate

Comments / Observations / Concerns

- Arrow to show directional rotation of mixing bowl is worn but legible.

Frame is sufficient to support safe operation — Yes

Comments / Observations / Concerns

-

Is this machine free of modifications that compromise safety or code compliance? — Yes

- Electrical **TBD**
- Mechanical **TBD**

Comments / Observations / Concerns

-

Free of additional concerns? — Yes

Comments / Observations / Concerns

-

Electrical and Control Cabinet

Are wires in a acceptable/safe condition — Yes

- Wire Insulation: Good
- Conductor: Good
- Terminals: Good
- Incoming Power Cable: Good
- Conduit: Good
- Other: NA





Comments / Observations / Concerns

-

Panel area is clean and free of dirt, corrosion, and debris — No



Comments / Observations / Concerns

-

General condition of the electrical enclosures — Good

- Main Cabinet: Good
- Remote Cabinet: Good

Comments / Observations / Concerns •	
All equipment grounds are properly connected Comments / Observations / Concerns •	Yes
Condition/presence of wiring identifiers Comments / Observations / Concerns •	Good
Machine voltage is labeled   Comments / Observations / Concerns •	Yes
General Condition of electrical components • Main Disconnect Good • Circuit Protection Good • Motor Control Good • Logic NA • Communications NA Comments / Observations / Concerns •	Good
General condition of controls circuit	Good

- Control Buttons/Switches Good
- Screen NA
- Relays Good
- Contactors Good



Comments / Observations / Concerns

-

Free of additional concerns? Yes

Comments / Observations / Concerns

-

Mechanical and Pneumatic

Overall Hose Condition Good

- Pneumatic NA
- Hydraulic Good
- Vacuum NA

Comments / Observations / Concerns

•	
Fluid Power Components • Pneumatic NA • Hydraulic Good • Vacuum NA Comments / Observations / Concerns •	Good
Condition of Common Wear Points • Chains NA • Adjustment Points Good • Gears NA • Drive Belts Good • Bearings Good • Conveyor Belts NA • Feet/Casters Good Comments / Observations / Concerns •	Good
Free of Leaks • Oil Good • Air NA Comments / Observations / Concerns •	Yes
Free of Excessive Noise / Vibration? Comments / Observations / Concerns •	Yes
Free of additional concerns?	Yes

Comments / Observations / Concerns •			

Paint, Polish, and Shine

Free of Rust			Good
Comments / Observations / Concerns •			
Overall Paint Condition			Good
Comments / Observations / Concerns •			
Free of additional concerns?			No
			
Comments / Observations / Concerns • Whole machine could use a heavy wipe down. All enclosures covered in heavy debris.			

Optional Parts

- Increase efficiency, quality, and cosmetics.

Part #	Source	QTY.	Description	Est. $ Per	ETA
	Online Vendor	2	Gas strut	$60.00	$120.00

Repair Quote

Optional Parts & Labor			
1. Gas strut	2	$60.00	$120.00
2. Labor Hrs.	3	$100.00	$300.00
3. Paint, Polish, and Shine Labor Hrs.	30	$55.00	$1,650.00
Total			$2,070.00

Repair Quote Expiration Date - Jul 29, 2026

Total lead time to complete repairs 1-2 Weeks

Video Link

E317199 - Escher MT200P Tilting 200 Kg Spiral Mixer

Disclaimer

- This document provides general information and may not include all details about the equipment. While every effort has been made to provide accurate and useful information, this document does not claim to be exhaustive. It may not include every detail, nuance, or potential scenario related to the equipment. Users are advised to exercise caution and consult additional resources as needed.