

# Technical Troubleshooting: Automatic Washer Stops After Filling

Category: Global Electric

written by [www.mbsm.pro](http://www.mbsm.pro) | 30 January 2026

If your automatic washer fills with water but refuses to start the agitation or wash cycle, you are facing a common mechanical or electronic failure. This guide explores the primary culprits, including faulty lid switches, clogged pressure tubes, and failing drive motors, providing technical insights to help you diagnose and repair your appliance efficiently and safely.

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## Stay away from 4 washing machines: Kiriazi, Candy, GMC, White Whale

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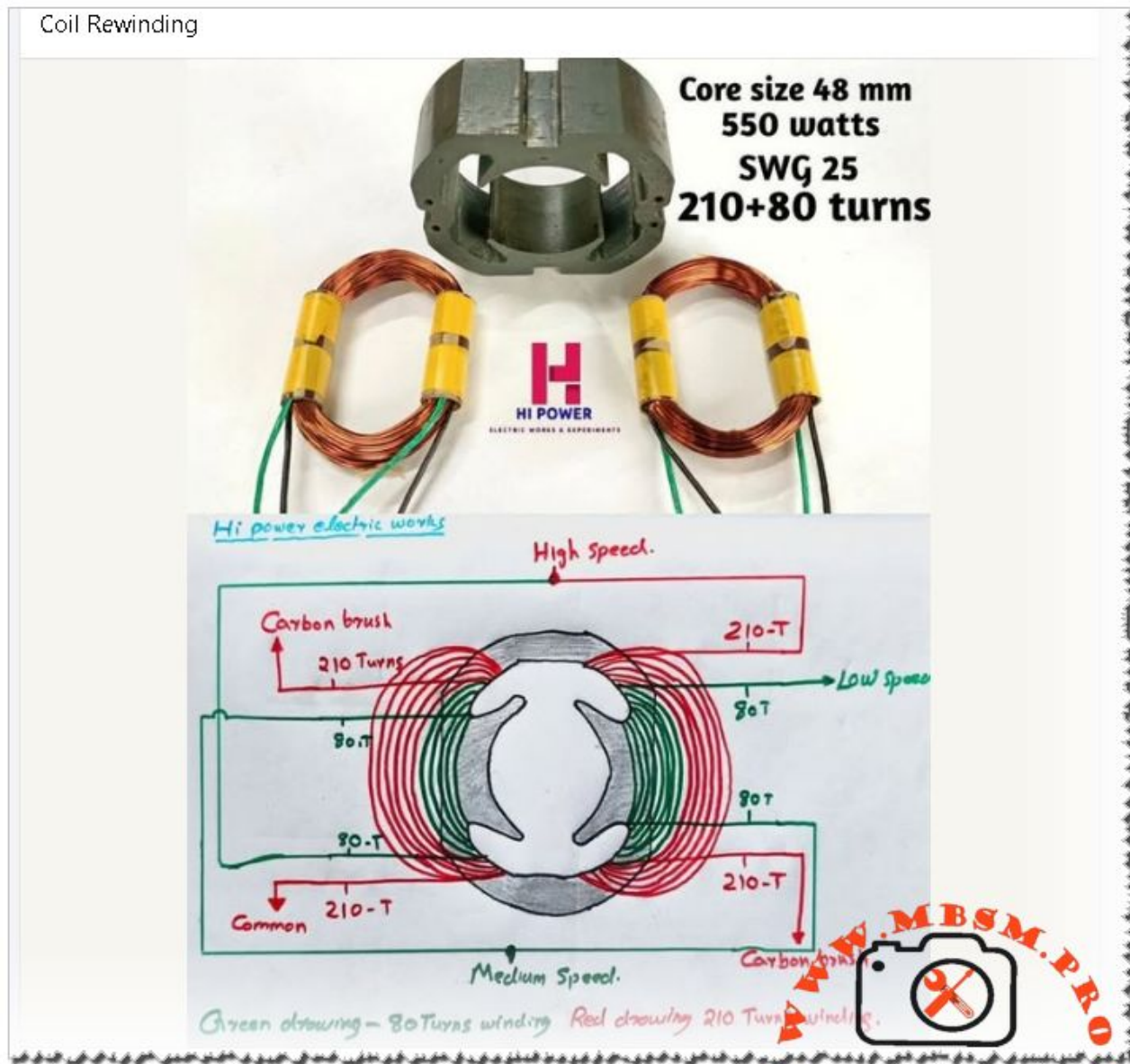
A washing machine is a long-term engineering investment. From a field technician's perspective, choosing the right brand depends on mechanical durability and electronic stability. While brands like Kiriazi, Candy, GMC, and White Whale are popular, they often face structural oxidation and PCB failures.

This article analyzes why LG, Samsung, and Bosch are technically superior.

# Coil Rewinding, Universal Motor, 550 W

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Coil rewinding for a 550-watt universal mixer-grinder motor with a 48 mm core is more than just replacing burnt copper. The technician must reproduce the original 210+80 turn field coils with SWG 25 wire, respect the high-medium-low speed connections, and follow best rewinding practices to keep torque, speed, and temperature under control.

# Electrical unit conversion reference table: HP to watts, KVA to amps, tons refrigeration to kW

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1 HP	746 WATT
1 AMPS	240 WATT, {V=240}
1 HW	1000 WATT
1 KW	0.746 KW
1 KVA	1.74 AMPS, {P.F=0.8}
1 AMPS	0.8 KW
1 KW	0.24 KW, [V=240]
1 KW	1.25 KVA
1 UNITS	1.341 HP
1 UNITS	0.7188 KVA [V=415]
1 GΩ	1 KWH
1 kΩ	1000 WATTS
1 KW	1000 WH
1 WATT	0.001 KVA
1 kΩ	1000 Ω
1 kΩ	1000 kΩ
1 M	100,000 Ω
1 Ω	1.001 KW
1 KVA	1.391 AMPS
1 TON	3.517 KW
1 KVA	1000 VA
1 M	1.74 AMPS
1 kΩ	1000 Ω
1 kΩ	1000 kΩ
1 Ω	0.000001 MΩ
1 KVA	1.391 AMPS
1 TON	3.517 KW
1 KVA	1000 VA



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Electrical unit conversions are essential knowledge for HVAC technicians and refrigeration engineers. This comprehensive reference guide provides quick access to conversion formulas, technical specifications, and practical examples for comparing power ratings, calculating system requirements, and optimizing equipment selection across different measurement standards.