

DATA SHEET

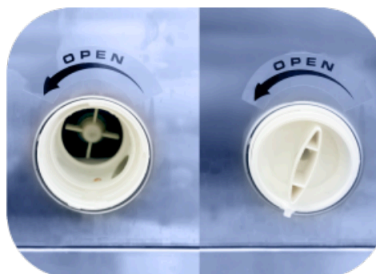
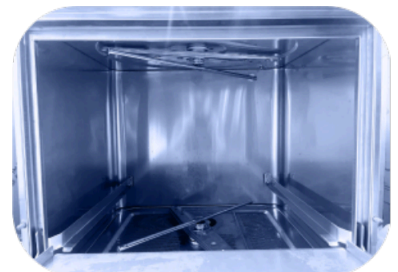
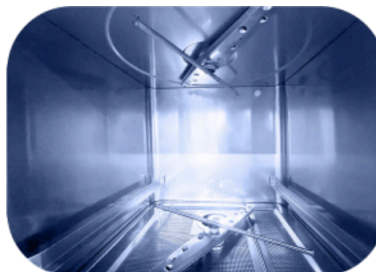
Mach DT50.23AT

Premium line undercounter dishwasher

DT 50.23AT

Build

- Constructed entirely from 100% AISI Stainless Steel with no plastic components. This machine delivers exceptional strength, the highest level of durability, and long-lasting performance, making it ideal for demanding environments.
- Full AISI304 stainless-steel components including armoured stainless steel elements, stainless steel boiler, filters, hinges, upstands, wash arms, rinse arms, plugs and jets.
- Double-wall fully insulated stainless steel construction providing enhanced thermal efficiency, sound insulation and best in class energy consumption.
- Double-walled, self-closing insulated front door ensures improved insulation and energy efficiency while maintaining convenience after each use.
- Magnetic microswitch automatically cuts off the appliance's operation when the door is opened, ensuring safety during use.
- Independent stainless steel upper and lower washing and rinsing arms, which are easily removable for effortless cleaning and maintenance.
- The tank is constructed with rounded corners, ensuring easy cleaning and maintaining the highest hygiene standards.
- The full-width stainless steel wash tank filters are easy to remove, providing efficient drainage, best-in-class filtration, and complete access to the tank for thorough cleaning and maintaining hygiene.
- The boiler and tank are heated through thermostatically protected armoured stainless steel heating elements, ensuring efficient heat exchange.
- Drain Pump standard with Filter access from the front panel to prevent nuisance warranty callouts and prevent unnecessary breakdowns. The front drain access allows for easy unblocking of any foreign material that may enter the drain pump, serving as an additional precaution alongside the machine's multiple filtration systems.
- Built-in insulated atmospheric rinse tank is constructed from AISI 304 stainless steel, providing best in class insulation and durability for optimal performance.
- Water levels are designed to sit below the tank filter line for improved health and safety. This makes them the ideal model for large restaurant chains and contract customers.
- Touch control panel features 5 preset wash cycle times (90-120-150-180-210 seconds) offering easy operation and the flexibility to select the ideal cycle for different cleaning needs.
- The displays show the current temperatures of both the boiler and tank, providing real-time visual monitoring."
- The display features a countdown of the washing cycle in minutes and seconds, providing real-time tracking of the remaining time for each cycle.
- Fully programable digital interface allows complete adjustment of wash and rinse timings as well as special programs for reverse osmosis and other requirements. It also offers technical onboard diagnostics and error reporting to facilitate easy maintenance.
- Outstanding wash results are guaranteed with a high-powered wash pump, ensuring thorough sanitation at 60°C, followed by a hygienic rinse at 85°C for optimal cleaning.
- Built-in drain pump with a filter ensures efficient drainage while preventing debris from clogging, maintaining optimal performance
- Built-in secondary powerful rinse booster pump, constructed from stainless steel, guarantees optimal rinse pressure for superior cleaning performance.
- Built-in detergent and rinse aid pumps with easy dosage adjustments ensure precise and efficient use of cleaning agents.
- Built-in timed manual cold rinse quickly cools heated glasses and dishes, ensuring they are ready for service in less time. This function is available when the machine is connected to Cold Water. If the machine is connected to Hot Water, it will act as a secondary Hot Rinse.
- The self-cleaning cycle (CLN) automatically cleans the machine to the highest hygiene standards at the press of a button, ensuring safe handling and minimal effort.
- Partial water change each cycle, automatically drains approximately 2.5 liters of dirty water between the wash and rinse phases, ensuring cleaner results with every cycle. This system ensures a complete water change regularly whilst maintaining the highest levels of hygiene.
- The washing chamber features a high 33.5 cm clearance, allowing for the accommodation of larger items and providing flexibility for various washing needs.



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Technical specifications

Supplied with

Plate Basket 50x50 cm	1
Flat Basket 50x50 cm	1
Cutlery Holder	2

External Size

External Width	600
External Depth	620
External Height	820

Electrical Loads

Washing Pump Power	0.75HP 0.55kw
Booster Pump Power	0.3kw
Boiler Heating element (Supplied)	3 kw
Boiler Heating element (Configurable)	4.5kw
Boiler Heating element (Configurable)	6kw
Tank Heating element	3 kw
Total power (kw)	3.55 kw
Voltage	240 1N/50Hz
Plug supplied	15A
Power Cable	3 x 1.5 mm2

Plumbing Specs

Hot Water Connection (Recommended)	Max 60°C
Cold Water Connection	Recommended with 6kw Boiler
Inlet Water Connection	Ø3/4" G
Water Drain connection	Ø30mm with 55mm Height
Mains Pressure	1.5 - 3 Bar
Water Hardness	10/12°F or 5,5/7°D Installation of a decalcifier recommended
Tank capacity	16 litres
Boiler capacity	8 Litres
Water consumption	3.5 Litres per cycle
Clean Water discharge	2.5 Litres per cycle

Washing Specs

Washing Power	306 to 720 pc/hr
Rinse Temp	82 Degrees
Wash Temp	60 Degrees
Useful Washing Height	335mm
Basket Size	500x500
Cycle Times	90-120-150-180-210 seconds
Noise Level at 1 mt	< 70 dbA.

Build Inclusions

Full AISI304 stainless-steel components including:	✓
-Elements	✓
-Boiler tank	✓
-Filters	✓
-Hinges	✓
-Upstands	✓
-Wash arms	✓
-Plugs	✓
-Jets	✓
Drain Pump with Filter	✓
Front Panel Filter access to prevent warranty callouts	✓
Booster Rinse Pump	✓
Electric Rinse aid Pump	✓
Electric Detergent Pump	✓
Atmospheric Rinse Tank and Boiler	✓
Partial water discharge per cycle	✓
Double Wall insulated Body	✓
Double Wall insulated self-closing door	✓
Auto Stop Door Microswitch	✓
Independent Top and Bottom washing / Rinsing arms	✓
Full-Width Stainless Steel Wash Tank Filters	✓
Fully programable intuitive digital interface	✓
Cold Rinse Cycle	✓
Cleaning Cycle	✓

Warranty

2 Year Warranty	2 years parts and labour
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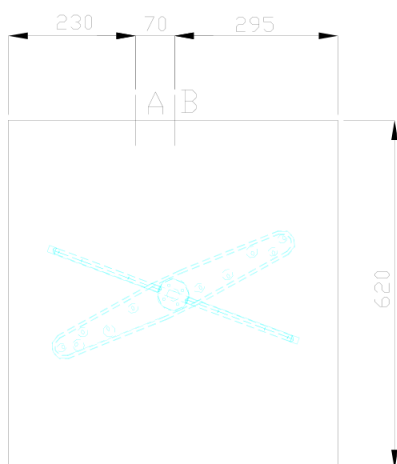
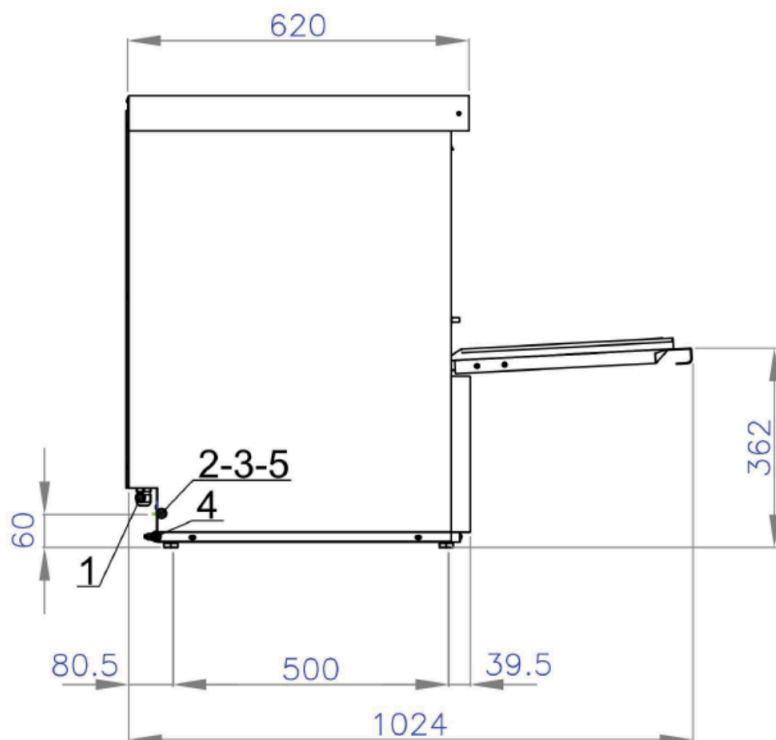
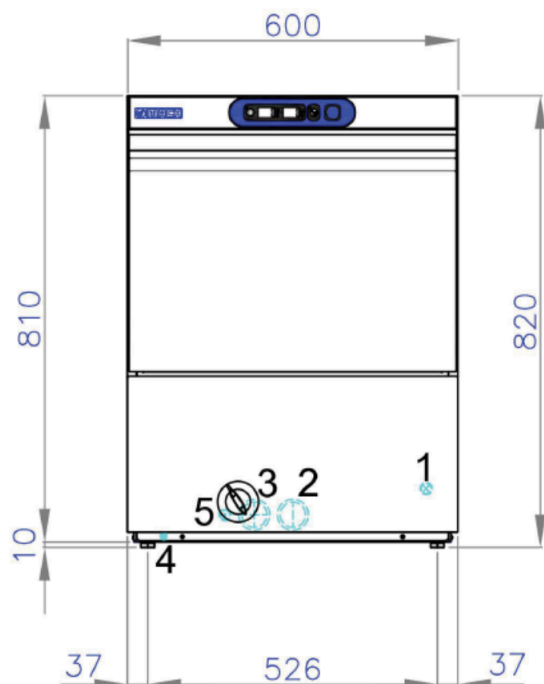
**Subject to a preventative maintenance plan*

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1	Power cable entry 5x2,5 (400Vx3N/230Vx3N/230Vx1-50Hz)
2	Water drain pipe Ø30 Hmax=6 cm.
3	Water loading pipe Ø3/4"G
4	Equipotential
5	Dosing pumps entry
A	Water drain
B	Connection to water mains

Controls



1	ON/OFF key
2	Warning LED
3	Start key
4	Boiler Element LED
5	Tank Element LED
6	Boiler display

7	Tank display
8	Rinse/Time key
9	Cold rinse LED
10	Thermostop LED
11	Pro-Memory LED