

## M-iClean HXL

Everything is easier in  
**dishwashing paradise**





## M-iClean HXL

# A big step towards better ergonomics

MEIKO's *M-iClean H* series marks a paradigm shift in hood type dishwashing machines, making professional warewashing more efficient and ergonomic than ever before. As well as making people's work easier, this range of machines also offers shorter wash cycles, a better indoor climate, and outstanding washing and drying performance.

The new *M-iClean HXL* is no exception – and it makes an even bigger impact than you might expect. The *M-iClean HXL* manages to offer the same outstanding ergonomic benefits while fitting twice the amount of washware under an extra-large hood. This remarkable machine is based on an innovative ergonomic design and groundbreaking technology.

### Automatic hood takes the weight off people's shoulders

The unique automatic hood system makes life simpler and more ergonomic than ever before for machine operators. Dishwashing has never been this easy. You would be right in thinking that the double hood of the *M-iClean HXL* is a real heavyweight, but the machine makes such light work of moving it that you would never know! All it takes to open and close it is a gentle tap. The hood raises and lowers itself silently and softly, as if by magic. A truly effortless experience!

### Automatic rack detection makes life simpler

Looking for touchless operation? No problem. Pop the two racks into the machine in wash mode and the rack detection system will get things moving automatically. The hood closes, and the wash cycle starts. As soon as the cycle has finished, the hood comes up again on its own. The only thing left to do is to empty the racks, put things away, and you're done!



### Generous proportions and outstanding features

The machine's extra-large passing height makes it quick and easy to load and unload. What's more, the *M-iClean HXL*'s versatile display panel is perfectly positioned at eye level – exactly where you need it. It can be installed on the right or left hand side of the machine, or wherever is most comfortable. So there's no need for the operator to crouch down or constantly move from one spot to another.

### A whole lot simpler – and much, much faster

The *M-iClean HXL* almost seems to magic up extra time out of nowhere when it comes to washing dishware! Our customers have confirmed that it saves them anywhere from 30 to 60 minutes a shift. And more time means less stress.

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# Big on convenience and performance

### **Lots of space for washware: big or small, bulky or delicate**

There's plenty of room for two racks of dishware beneath the spacious double hood, and it's equally suited to bulky washware and large loads. The machine makes light work of glasses, cutlery and dishware as well as pots, pans and baking trays – a truly hygienic way to get everything sparkling clean!

### **Hassle-free, effortless and touchless: the easy-to-use automatic hood system**

Say goodbye to the stress and strain of heaving a dishwasher hood up and down! Opening and closing the *M-iClean HXL* really couldn't be easier. The super-sized hood weighs a good 36 kilograms, but fortunately the machine opens and closes it all by itself. That takes the strain off joints and muscles, so it's good news for machine operators.

### **Fits any facility: plenty of configurations available**

The *M-iClean HXL* may be big, but it's incredibly versatile. You can choose between two default working heights (850 mm and 900 mm), and it can be set up as a freestanding system, configured as a corner unit, or installed on a plinth.

### **A huge plus: economical and eco-friendly**

The *M-iClean HXL* also makes it easier to reduce your use of resources and save energy. For example, it recovers heat from waste water without lengthening the cycle time. In fact it works so efficiently that some customers see their investment pay for itself within the first year.

### **Less is more: for your budget and indoor climate**

Why not take advantage of a system that saves energy and noticeably improves indoor air quality by combining the *M-iClean HXL* with MEIKO's *AirConcept* system? This combination reduces the amount of steam released from the machine by 80 percent, making life far more pleasant for machine operators. What's more, it uses waste heat to heat up the rinse water, saving energy and money in the process.

### **A shine you can count on: guaranteed to get dishware clean and glasses dry**

Say goodbye to the hassle of drying washware by hand when it comes out of the machine. The *M-iClean HXL* ensures a pristine shine and top-notch cleanliness as standard. And the air blower in the drying table provides the perfect finish, getting washware dry quickly and gently.

### **For a machine that lasts: MEIKO quality from A to Z**

The *M-iClean HXL*'s ascending pipes and dosing pipes are made from durable stainless steel. So you can say goodbye to dripping hoses and leaks!

## MEIKO technology



Stainless steel dosing pipes



Stainless steel ascending pipes



MEIKO AirConcept heat recovery



Self-cleaning feature at end of wash



Waste water heat recovery



Quality made by MEIKO

### **M-iClean HXL times three: so you get great value for money**

These three great value packages make it even easier to get hold of a *M-iClean HXL* at the right price with exactly the features you need: the *ErgonomicsComfort package*, the *FeelGoodClimate package* and the *MiraculousShine package*.

### **On the safe side: our promise**

The *M-iClean HXL* provides a top-quality, ergonomic experience: MEIKO developers ran 1.2 million wash cycles on a single machine to put this model through its paces, providing all the proof you need that the *M-iClean HXL* is a genuinely reliable and practical solution that will hold its value. That number of test cycles equates to more than 20 years in the field. And because we believe in the quality of what we offer, our automatic hood system comes with a 60 months warranty. That's a safe investment.

## How you benefit

### Saves time and energy!

- saves between 30 and 60 minutes per shift
- 12.6% energy savings thanks to waste water heat recovery
- or
- 14.4% energy savings and up to 80% lower steam emissions with MEIKO AirConcept

### Takes the strain off!

- Automatic hood system eliminates strain of heaving hood up and down
- No need to crane your neck or constantly move around thanks to the versatile display at eye level
- Easy to understand blue operating concept eliminates risk of operator errors

### Supports machine operators!

- Smart electronic systems detect racks automatically and start the wash cycle
- Easy to load and unload thanks to generous passing height
- Clearly visible progress display makes it easier to organise work

### Avoids hassle!

- No hand polishing required: perfect shine without smearing (with MEIKO GiO MODULE)
- No waiting around: even faster drying, plus cool-to-the-touch washware (with drying table)
- Fits just about anywhere thanks to corner and plinth configurations



The two-part rack holder is easy to remove and offers easy access for cleaning.

The blue operating concept: any parts that are blue can be removed, cleaned and replaced. For extra peace of mind, the M-iClean HXL automatically checks that you've put everything back in the right place.

Technical data		Hood type dishwashing machine M-iClean HXL	Hood type dishwashing machine M-iClean HXL with PW
<b>Tank heating</b> kW		8.0	
<b>Boiler heating* / Total connected load*</b> kW	20 A fuse protection 25 A fuse protection 32 A fuse protection 35 A fuse protection 50 A fuse protection 50 A fuse protection 63 A fuse protection	9.0 / 11.1 – 18.0 / 20.1 – 18.0 / 28.1 22.0 / 32.1 –	– 9.0 / 12.6 – 17.0 / 20.6 18.0 / 29.6 – 22.0 / 33.6
<b>Pump output</b> kW		0.75	1.5
<b>Water consumption</b> l/cycle		4.8	
<b>Tank capacity</b> l		54	
<b>Passing height</b> mm		505	
<b>Rack dimensions</b> mm		2x (500 x 500)	
<b>Programme cycle time, dishware</b> s		60/90/210	
<b>Programme cycle time, glassware</b> s		90/120/120	
<b>Theoretical</b>			
<b>rack capacity</b> up to racks/h		120/80/34	
<b>plate capacity</b> up to plates/h		2,160	
<b>glass capacity</b> up to glasses/h		4,320	

\* Feed water temperature with *AirConcept* max. 20 °C

If the machine is connected to a cold water supply and/or if racks are inserted in quick succession, the duration of the wash cycles may be increased to achieve hygienic final rinse temperatures.

The water change programme increases the duration of the cycle time.

Please note that the design of ventilation systems for wash-up areas must comply with VDI 2052 regulations.

#### Electrical installation:

Electrical connection: three phase (3/N/PE, 400 V, 50 Hz).

#### Water installation:

The machines can be connected directly to the fresh water supply without the use of intermediate safety valves. Min. flow pressure 0.6 bar, max. 5 bar. The fresh water connection must be installed in accordance with the regulations applicable in your region (e.g. Germany DIN 1988/EN 1717). Drain hose DN22.

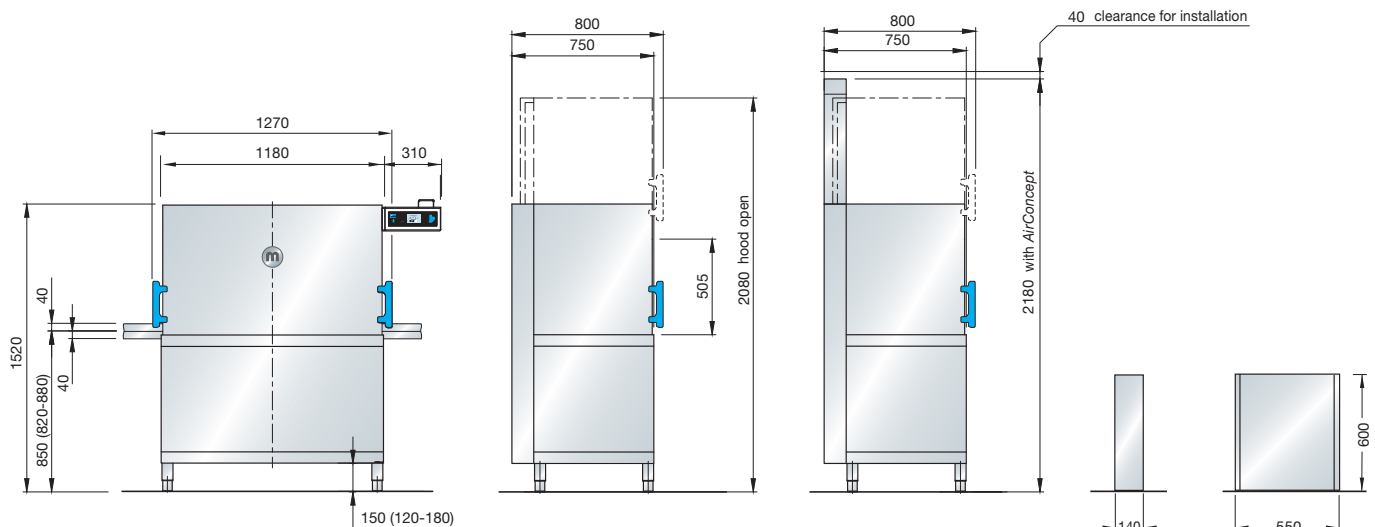
Max. height of on-site drain outlet on wall: 700 mm.

Connecting cables reach approx. 1.8 m from machine.

#### GIO MODULE:

Cold water connection (max. 35 °C), min. flow pressure 1 bar, max. 5 bar. Conductivity of raw water <1000 µS/cm. Total water hardness max. 28°dH. Connection kit: 1 m reinforced hose, stop valve, pressure reducer, 10 µm filter with activated carbon, 2 m reinforced hose to machine. Drain kit: concentrate drain hose approx. 3 m, drain piping incl. backflow preventer. Type 'AA' air gap according to EN 1717. Permeate and electrical cables between machine and separate *GIO MODULE* approx. 3 m. When using the *GIO MODULE* a backflow preventer is required for the mains water supply to ensure DIN-compliant operation as per EN 1717 (optional).

(1 bar = 100 kPa) (1 °dH approx. 0,18 mmol/l CaCO<sub>3</sub>)



Meets the hygiene requirements of DIN SPEC 10534.

132.050.01.03.18/EN/DD/2000

We reserve the right to amend specifications as part of our product improvement process.