

Riley Top Loading Aqueous Parts Washing Machine Range



Stock No	NEW110
Manufacturer	Riley
Model	LYM-950 & LYM-1150
Condition	Brand New, Current Model
Work Envelope (WxDxH mm)	800 Ø - 1200 Ø

Description

Top Loading Aqueous Parts Washing Machine Range

Riley's Top Loading Basket Washers are suitable for washing large single items or multiple smaller units held in baskets. They are designed to automatically wash and degrease a wide variety of heavy industrial and commercial components.

Applications

The stainless steel construction is suitable for most of the aqueous washing solutions on the market and the rotating basket and wash jets deliver an all round spray wash cleaning that will reach every side of the components.

- Cleaning protective oil and coatings
- Cleaning/removing grease & swarf
- Removal of chips and particles

- Washing engine blocks, vehicle components, gearboxes, individual gears etc.
- Can be used to clean a single engine block or batches of mass produced parts

Great Washing Performance

These component washing machines are designed with features that provide high quality, **flexible** and repeatable washing **performance** over their excellent working life.

The wash cycles of the most components are typically cleaned and flash dried within just a few minutes. Washing duration and temperature can be set to suit your requirements using the user-friendly control panel.

While the driven basket rotates an approximately 5% alkali solution (as an example) penetrates all parts of the component(s) that need cleaning using accurately positioned and adjustable spray beams.

The rotation of the basket aids the washing effect through the spray bars that fully envelope the basket offering a full 360°C wash pattern. Powered from a stainless steel pump large volumes of water are delivered every minute to remove stubborn and difficult contamination from the components.

The stainless-steel pump is suitable for all kind of alkali washing liquid and filters on the suction line to protect the nozzles and the pump giving a long working life.

Any number of available environmentally friendly detergents can be used.

Loading & Unloading - Flexible for any environment

Designed for use in busy production facilities or specialist units these parts washers provide excellent flexibility.

For loading larger parts, the spray bar can be split in the middle (model dependent) and pushed aside to allow the parts to be loaded directly from overhead with a crane or forklift unit.

- Stainless steel load trolley on some models
- Baskets can be loaded away from the cleaner and wheeled to the machine
- Easy transfer of load basket and parts into and out of the cleaner
- Multiple baskets can be used to reduce turn around time and material handling

Controls - Easy to Use

Designed to be easy to use the controls on these machines are located away from drips and spills for safety and reliability. The operation is very simple; you just load the basket, close the lid, and press start. The cycle is adjustable for both time and temperature and resets automatically each time the lid is opened at the end of the cycle.

- Easy to set, user friendly, control panel
- Temperature controller can be set from 0 to 90°C
- Timer can be set from 0 to 30 mins
- On / off switches.
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Safety interlock switch to the lid (machine operation stops automatically when the door opens to avoid injuries)

- Emergency stop

Image: Basket Wash Features

Features above model dependent.

Construction - High Quality

Built from stainless steel these machines are designed for an industrial environment.

A double skin construction with an 18mm cavity insulation gap offers maximum thermal insulation to the hot water tank and extremely strong build rigidity.

Individual components have been designed with robust features. For instance, the basket is fully supported by three rollers, ensuring no undue stress or deflection, despite the load weight or its orientation.

- The unit is constructed from 304L stainless steel
- Fully stainless steel basket
- Pipework and connections are all stainless steel
- High quality components

Guarantee

The unit is fully guaranteed for a period of 12 months from the date of delivery for all parts and labour.

Features

- Safety interlock switch to the lid to prevent the lid being opened during operation
- Fully insulated for operator safety
- Fluid level control sensor
- 1200mm diameter robust washing basket
- Basket for small parts
- Stainless steel nozzles
- Double stage filter system
- Water level protection
- Heater control
- Timer control
- Emergency shutdown

Available Sizes

Model No	Basket Diameter	Max Work Load	Max part height	Capacity	Trolley
LYM-950	800mm	200kg	500mm	100 L	No

LYM-1150	1000mm	400kg	550mm	150 L	No
LYM-1350	1200mm	600kg	650mm	225 L	Yes
LYM-1500	1350mm	700kg	680mm	350 L	Yes

Please note the models PYM-1350 & PYM-1500 come with loading trolleys and therefore you can find out more about them at [Riley Top Loading Aqueous Parts Washing Machine Range with Load Trolley](#)

Optional Extras

- Steam Discharge
- Rotating Disc Oil skimmer and scrapper
- Liquid Level Control System
- AISI 304 Stainless Steel Washing Basket
- AISI 304 Stainless Steel Piping
- AISI 304 Stainless Steel Connection Parts
- Digital Indicator
- Lowara Pump (upgrade)
- 100-micron fine filter

Part Exchange

Part exchanges are available and welcome with any type of used machinery, i.e. washer, ovens shot blasters etc... Just ask when discussing your purchase and we are happy to make an offer for machinery we can reuse through our used machinery sales.

Photographs taken prior refurbishment. Our refurbishment service is not available on all machines.