

Riley LYM 1350 Industrial Parts Washing Machine



Stock Code: DA1424

Manufacturer: Riley

Model: LYM1350

Year of Manufacture: 2021

Serial: 0221081

New or Used: New

Work Envelope (WxDxH mm): Basket Ø1200mm. 650mm High. 660kg

Process Stages: Single Stage

Weight: 350

External Dimensions (WxDxH): 1830 x 1400 x 1490

Riley Top Loading Ø1200mm Basket Parts Washer

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.



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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° 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.

This model includes an exceptionally strong removable basket that can be reloaded into the machine with a custom built loading trolley, enabling heavy loads to be safely transferred into the machine for degreasing and speeding up cycle time with multiple baskets.

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

Stainless steel load trolley is included
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.



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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.
Safety interlock switch to the lid (machine operation stops automatically when the door opens to avoid injuries)
Emergency stop

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
Loading trolley construction of stainless steel
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
Optional Extras (on machines placed on order)
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

This Ø1200mm Basket Parts Washer is part of Riley's Top Loading Parts Washers Range available in different sizes.

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.

View Riley LYM 1350 Industrial Parts Washing Machine on our web site at
<https://www.rileysurfaceworld.co.uk/machines/30807.htm>

PHOTOGRAPHS TAKEN PRIOR TO REFURBISHMENT.