

# MRS-9000 Lehr Loader



The MRS-9000 is a 2 Axis servo controlled lehr loader suitable for typical container production. With the linear and vertical axes each controlled independently, the machine is capable of operating with a cross conveyor speed of up to 22 metres per minute. Supplied as standard with integrated electronics, the machine can be delivered as an option with an electronic ware steady mechanism or can be supplied as part of a multi axis ware handling package, where the cross conveyor, ware transfer and IS machine conveyor are integrated into the MRS-9000 controls.

## Features and Benefits

- On line adjustments of pushbar
  - Deceleration
  - Advanced /Retard
  - Height adjustment
  - Lift height adjustment
  - Acceleration control
  - Adjustable end position
  - Pull back control
  - Push height adjustment
- Manual jog features for all axis
- Built in panel cooling system
- Dual linear bearings for wear-free linear movement
- 2 Identical AC servo motors
- Minimum moving parts
- Low running costs
- Compact low profile design, allowing for minimal heat ingress
- Simple, user friendly text based interface
- Minimal spare parts package required
- Auto synchronism with production line
- Proven reliable components
- Value engineered to give rapid return on capital invested
- Mounting rails fitted as standard
- Drive status indication
- Optional ware steady assembly



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## Example of Screen Images



Running Data



Manual Jog



Job Parameters 1



Ware Steady Adjust



Job Parameters 2



Commissioning

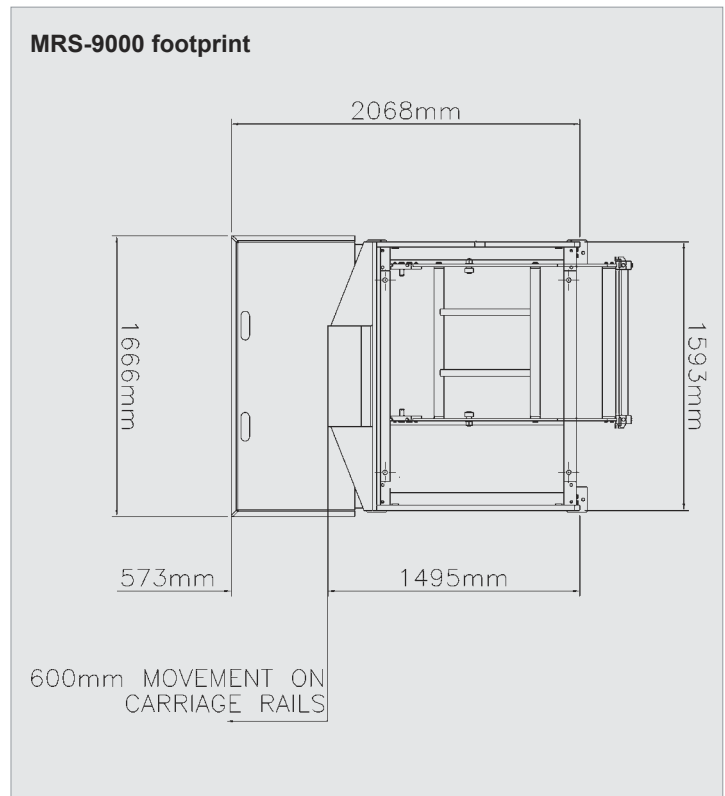
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## Available Options

- Remote stand alone control panel
- Fully adjustable ware steady assembly with on line electrical adjustments
- Air conditioning unit for integrated controls
- 3rd axis drive to drive cross conveyor
- 4th axis drive to drive ware transfer
- 5th axis to drive machine conveyor
- Lubrication system
  - Grease - uses integrated grease pump and timer control

## Service Requirements

- Trigger pulse from IS machine controller
- Compressed air
- Lubrication frequency – 4-6 cycles per hour depending on speeds
- Connection to centralised Lincoln Lubrication system

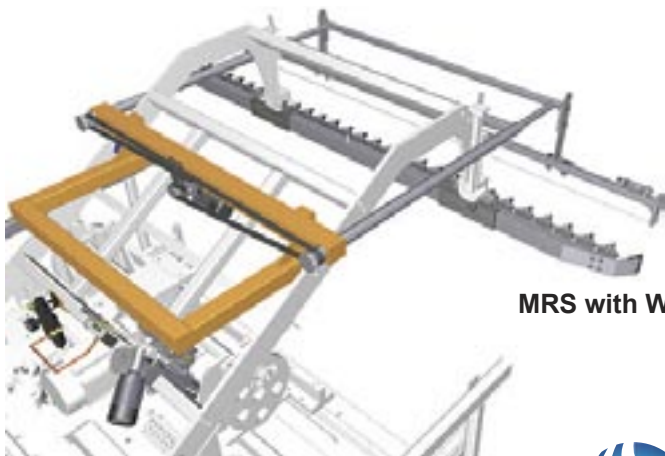
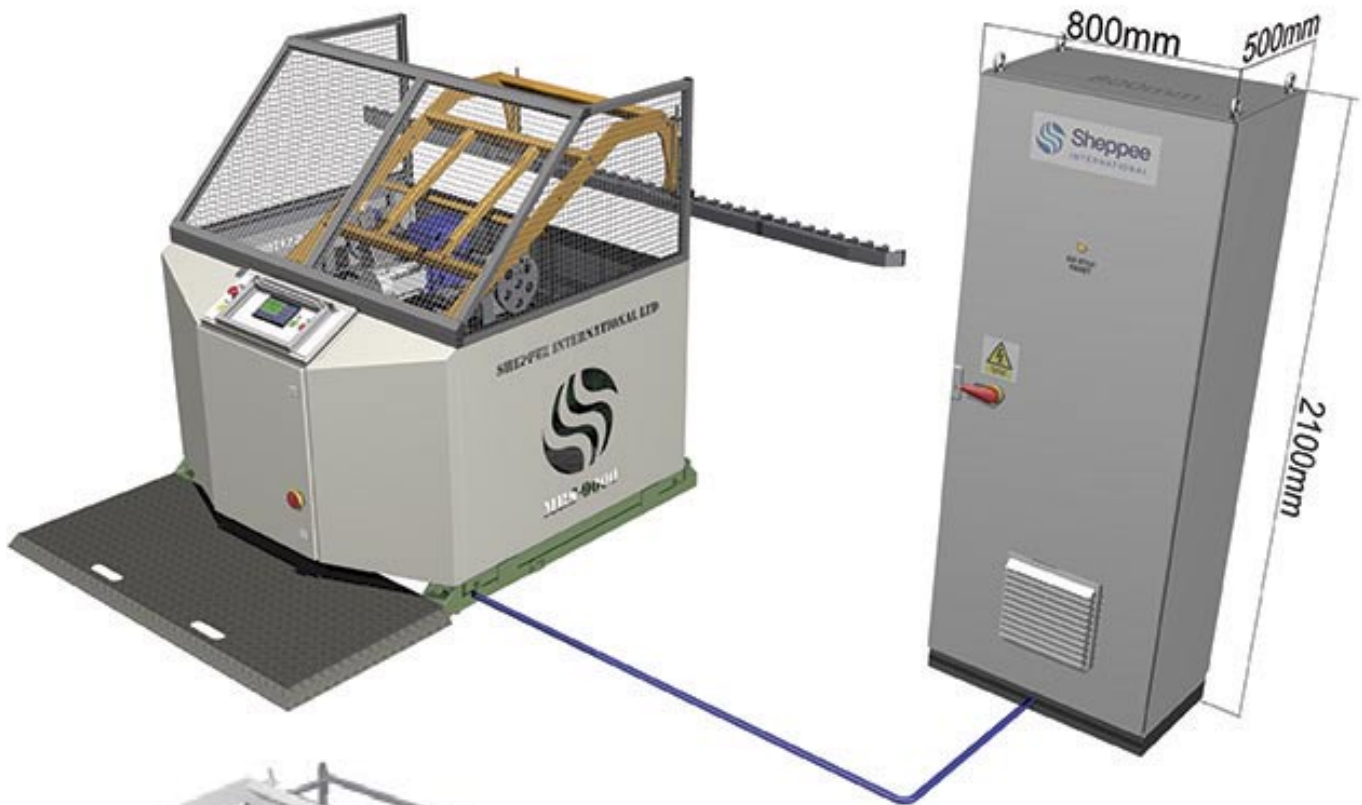


## Technical Specification

Operating speed:	Up to 12 cycles per minute (maximum cross conveyor speed of 22m/min)
Controller type:	Servo drives with integrated motion control
Minimum lehr operating height:	700mm
Operating temperature of motors:	Up to 125°C
Compressed cooling air consumption	3 minimum - 5 Bar recommended
Control panel cooling air consumption	30m <sup>3</sup> /hour (Max)
Required ware steady air pressure	0-3 Bar
Ware steady air consumption	0.09 m <sup>3</sup> / hour at 10 cycles per minute

# MRS-9000 Lehr Loader

MRS With Remote Control Panel



MRS with Ware Steady and Pushbar



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V1.0