

KEY BENEFITS

- Ease of use
- Faster processing
- Higher throughput
- Increased flexibility of load content
- Reduced running costs
- Consistent operation
- Retrofit to existing systems

OPTIONS

- Gravity and power conveyors, in painted mild steel or stainless steel, with 'basket present' and 'conveyor full' proximity switches
- Load/unload table with basket sensors for fully automated processing
- Preventative maintenance - quotations available on request

CONTROL FEATURES

- Control is via the cleaning plant PLC and the standard E200 interface module.
- Programming is modular to allow selection of different options for single stage or multi-stage cleaning, with optional vertical agitation. Program modules are selected and installed on commissioning.
- Dwell times in each stage are programmable, the control timers being accessed via the E200 operator interface module.
- Unauthorised access to E200 control functions is prevented by password protection.
- I/O functions include ultrasonics on/off and basket 'present' recognition.

TECHNICAL DATA - AUTOTRANS MINI

Load capacity	20 kg
Vertical speed*	3m/min
Horizontal speed*	3m/min
Accuracy	+/- 1mm
Program capacity	One program, appropriate to the customer's cleaning process, and installed during commissioning
I/O instructions per program	Up to 16 (as standard)
* Maximum speed, subject to load type. With Microsolve systems low speeds may be recommended for economy, in order to minimise drag-out.	



GUYSON AUTOTRANS MINI

Automated Work Transporter for Microsolve Cleaning Systems

The Kerry Autotrans Mini automated work transporter for Microsolve cleaning systems reduces running costs by assuring consistent cleaning quality from batch to batch, reducing reject rates, and increasing throughput.

Further cost reductions result from controlling the speed of basket entry and withdrawal from the vapour zone, by reducing solvent 'drag-out' (the loss of cleaning solution when components are transferred through the cleaning process) and losses to atmosphere caused by disturbance of the vapour blanket.

An alternative to the multi-programmable Autotrans Mk4 unit, Autotrans Mini is a cost-effective transporter providing pre programmed vertical and lateral movement of loads up to 20 kg. For unmanned operation, 'basket present' switches can be fitted, allowing component baskets to be picked up automatically from a feed conveyor and placed on an exit conveyor after cleaning.

A modular program appropriate to the customer's cleaning process is installed on commissioning. The dwell time of the basket in each stage can then be modified during operation using the E200 control.

Autotrans Mini is powered by AC motors providing high positional accuracy and a maximum speed of 3 metres per minute both vertically and horizontally. Movement sensors ensure personnel safety and prevent damage to the system in the event of an obstruction.



FM 38758
ISO 9001:2000

AUTOTRANS MINI



Modifications and improvements to Guyson machines are introduced from time to time as a direct result of our policy of continuous development. Consequently all designs and specifications quoted must be regarded as subject to change. Please refer to quotation.

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