



Trayers

TRS550

The GEFIT Livernois Engineering TRS550 Fin Trayer is a fin traying system utilizing gravity roller conveyors to convey fin trays to and from the trayer's fin loading station. The configuration of this fin traying system is an "over/under" style. Empty fin trays are manually placed onto a gravity roller conveyor above a second gravity roller conveyor and fin loading station. Trays loaded onto this conveyor are conveyed from the loading point to a transfer station, from the transfer station to the fin loading station, through the fin loading station by an indexing mechanism and from the fin loading station to an unloading station from which the filled trays are removed. The fin trayers described and offered in this quotation are based on Livernois standard model TRS550 Fin Trayer

NOTE: *A conveyor diverter system is not included with the base price of the trayer. If required we can quote one as an option.*

NOTE: *Trays are not included within the terms of this proposal. Coordination of tray characteristics with Livernois Engineering traying system design is a crucial responsibility of the customer. The pitch of the trays must match the open tube pitch of the core assembly, as well as other traying system drive and loading characteristics.*



Representative Image of a TRS550

TRS-550 Trayer General Capability:

Tray Length Range (Fin Length Dir.):	Adjustable to 1016mm (40.0") Max
Tray Width Range (Slot Count Dir.):	Adjustable to 635mm (25.0") Max
Tray Slot Pitch Range (C/L to C/L):	13.5mm (0.531") Max
Fin Width:	50.8mm (2.0") Max
Fin Input Rate:	80 Fins/Minute Max (Based on fin geometry)

Tray Capacity:	
Empty Trays:	Three (minimum)
Filling Trays:	One.
Full Trays:	<u>Two (minimum)</u> Six Trays Total

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Standard Features

- Gravity Down Slope Conveyors
- Powered Tray Transfer (Gravity Lowerator)
- Adjustable Tray Length
- One (1) Operation Manual (in English)
- Powered Tray Index (Slot to Slot)
- Fin Dampening & Alignment
- Allen-Bradley PLC Controls
- OSHA Safety Guarding

TRS-550 Fin Traying System Footprint:

Width: 48.0" (Approximate)
Length: 96.0" (Approximate)
Height: 50.0" (Approximate Loading Point)

TRS-550 Fin Traying System Standard Utility Specifications

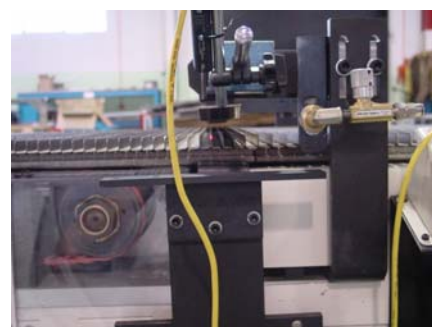
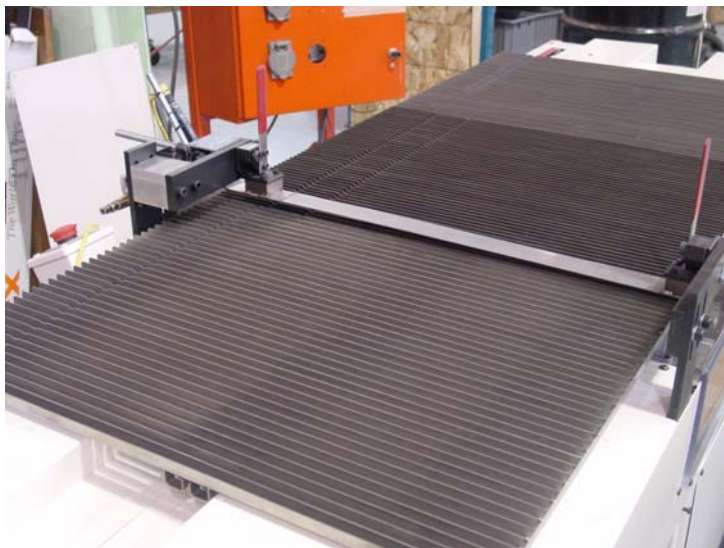
Electrical Usage:	8 KVA
Electrical Supply:	Standard 460 Volts, 3 Phase, 60 Hz
Air Usage:	4 SCFM
Air Supply:	80 PSI

TRS1200

The TRS1200 fin traying machine automatically loads aluminum fins produced on a fin mill directly into slotted trays. The trayer can accept parts being loaded at a rate not to exceed 50 parts per minute. The Trayer is capable of accepting a number of trays (depending on tray sizes), indexing them into position, automatically loading them, and accumulating the loaded trays. This process is accomplished in a completely automatic sequence and at a high rate of speed

TRS-1200 Trayer General Capability and Standard Features:

Tray Length Range (Fin Length Dir.):	Length of fin minimum to fit 508mm (20" tray) to 762mm (30") Max
Tray Width Range (Slot Count Dir.):	60 Fins Max (dependent on what the operator can handle)
Tray Slot Pitch Range (C/L to C/L):	15mm (0.6") Max
Fin Width:	25.4mm (1.0") Max
Fin Input Rate:	50 Fins/Minute Max (Based on fin geometry)



Representative Image of a TRS550

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