

# ASSEMBLY & TESTING LINE AUTOMATION

## CONVEYOR LINES FOR AUTOMOBILE INDUSTRIES

- Cab Lines / Welding Line
- Vehicle Assembly Lines
- Seating System Assembly / Loading Lines
- Transmission Lines
- Engine Assembly Lines



## CONVEYOR LINE FOR CONSUMER DURABLE PRODUCTS

- Final Assembly Line for TV, Audio System, Monitors, Refrigerators, Washing Machine
- PCB Insertion Lines
- Soaking Lines
- Testing Lines
- Cabinet Forming Lines
- Packaging Lines



## SLAT CONVEYOR

- Dies
- Automotive sub assemblies
- SS mould plates
- Connecting rod ( inter M / C transfer )
- Any non uniform component
- Sheet metal formed components



## GOODS ELEVATOR

- Stand alone Supporting Structure
- Capacity from 100 Kg to 2000 Kg

## IDEAL SOLUTION FOR

- JIT Line feeding
- Mezzanine to shop floor material transfer
- Stores to dispatch Linking

## POWER and FREE ROLLER CONVEYOR

- Inter machine transfer of machined component like cylinder block / head
- Unit Load on Pallet
- Skids containing car sub-assemblies
- PVC sheets
- Plastic bins with sub - assemblies

**Master Handlers**  
Value Engineered Automation



## ACCESSORIES

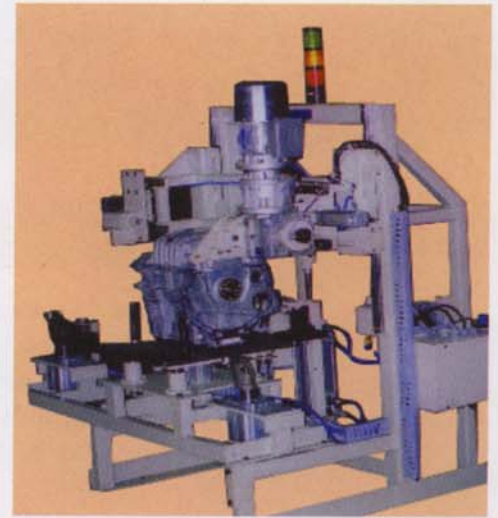
Automatic Loading / Unloading Devices Viz. - Variety of grippers like Vacuum, magnet, Mechanical holders are custom made for reducing cycle time & operator fatigue

We automate Loading / Unloading of either sub-assemblies or individual components. Typical examples are Bins, Assembled TV, Picture Tubes, Refrigerator Cabinets, Painted sheet metal parts

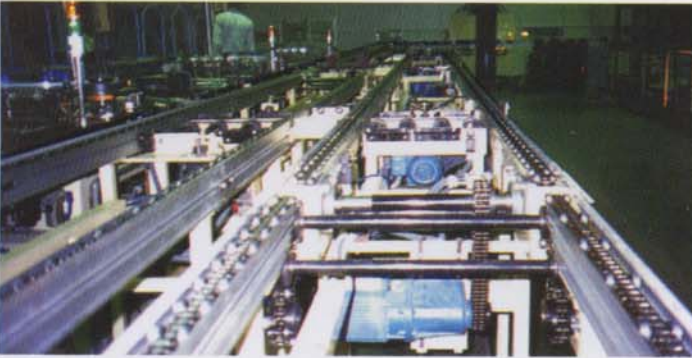
### STACKER / DESTACKER

In pallet based assembly lines empty pallets can be Stacked for starting point and another destacker can separate for feeding to the main line

- 90 deg. Transfer devices / Diverters
- In line 90 deg. / 180 deg. Swiveling machine
- Stopper unit for accumulation up to 4 tones
- Lift cum Turn Table
- Flap conveyor
- Curved Conveyor



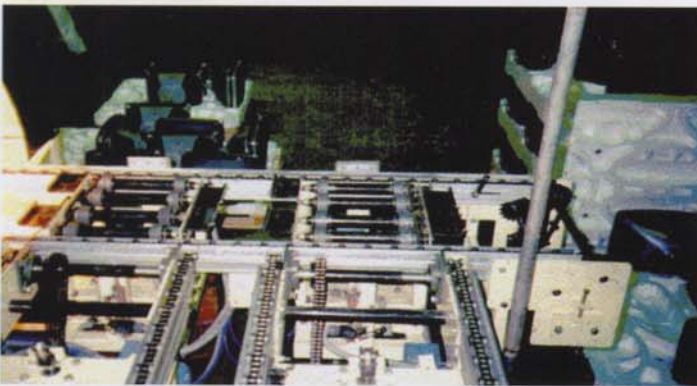
## POWER AND FREE CHAIN CONVEYOR



- Sub assemblies of TV
- Moulds for PUF filling
- Differential Sub assemblies on Pallet
- Skids with LCV bodies



## CROSS TRANSFER / SHUTTLES



All continuous lines with closed loop pallet / skid recirculation are equipped with either cross transfer devices or shuttle depending upon volume / cycle time

## CROSS TRANSFER / SHUTTLES



- Sharp edged press parts like wheel rims, Door Sections, Seat Assemblies, Blanks
- Delicate Components like bush bearings, Fabrics
- Sorting Systems for Unitized Load

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In view of our constant endeavour to improve the quality of our products, we reserve the right to change specifications without prior notice.