

Comet Vertical Sorter (CVS)

- The CVS allows the transfer of a complete batch of wafers from a transport carrier into a process carrier
- With its wafer scanning the Comet CVS detects empty slots and adds dummies when necessary
- With the TAG reader Comet CVS keeps in memory all carrier ID loaded and recognize them to secure unloading
- Integrated Infrared Heat Sensor Simple to use and easy to maintain
- One button system operation
- LCD display indicating all cycle steps
- Set –up machine directly from the keyboard
- This Comet provides a fast, clean, reliable and accurate transfer which is customizable for your different carriers.
- Compatible with your communication requirements and other manufacturer’s processing equipment.
- Simple to use and easy to maintain
- Program machine directly from the keyboard or PC via RS232



Standard Safety Features:

- Peek material for pushers, retainers and boat adapters
- IR heat sensor
- Double cassette sensors
- Wafer detection into cassette
- Wafer detection into boat
- Current limit on all motors
- Power “off” security
- Automatic home position
- Carrier correctly positioned(mechanical)
- Historical data recorded (error messages date time)
- Cross slotting detection (mapping)

Options:

- Flat or Notch Aligner
- SECSII-GEM
- ESD Combs/Pusher
- Light Tower

Specifications:

- CE Certification
- SEMI Standard
- Class 1

R2D: Comet Vertical Sorter



Friendly Software:

- Transfer parameters adjustable to reduce cycle time via PC program
- Security Sensor management
- RS 232 Host connection

Performance:

- Uptime: 99.8%
- MTBF: >4000hrs
- MTBA: 750 hrs
- MTTR: < 1hr
- MTTA: 0.005 hr
- Breakage rate: 1 for 5.105

Facilities and Requirements:

Weight: 60 Kg 132 lbs
 Vacuum: No
 Power: 100-240 VAC
 50-60 Hz
 1.2-0.6 A
 75 Watts

