

GEMINI TRANSFER SYSTEM

The Gemini is the worldwide smaller wafer transfer system .Semi automatic,this machine has the smaller footprint ever seen in a fab and can load and unload 25 wafers from cassette to cassette in less than 30 seconds

The position of the wafers (in the rear of the machine) during the transfer secures the wafers , provides a good result from contamination tests and avoids operator error with the carrier

Integrated Infrared Heat Sensor Simple to use and easy to maintain

One button system operation

ESD combs standard



Transfer 25 to 25
150 or 200mm

GEMINI

OPTION

Wafer mapping(cross slot detection)
Aligner

PERFORMANCE

Cycle time: < 1 mn
Uptime: 99.8%
MTBF: >4000hrs
MTBA: 750 hrs
MTTR: < 1hr
MTTA: 0.005 hrs
Breakage rate: 1 for $5 \cdot 10^5$

STANDARD SAFETY FEATURES

ESD material for pushers and retainers
IR heat sensor
Double cassette sensors
Boat sensor
Wafer detection into cassette
Current limit on all motors
Power "off" security
Automatic home position
Carrier correctly positioned(mechanical)

SPECIFICATIONS

CE certification
SEMI Standard
Class 1

FACILITIES REQUIREMENTS

Weight: 12kg
Power: 100-240 VAC
50-60 Hz
1.2-0.6 A
75 Watts

No Vacuum