

SQUARE WAFER – BACK TO BACK TRANSFER

BBS-156-SQ

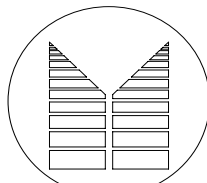
Features & Benefits

- The BBS-156-SQ Mass Transfer Machine transfers 100-ea 156mm Square Wafers from two 50-slot Plastic transport cassette into one 50-slot Quartz Process Boat and back, in a contact Back-to-Back configuration.
- The machine is controlled by an industrial PC for fast, reliable and safe operation.
- The BBS-156-SQ machine is designed to safely eliminate manual loading of the Quartz Process boats and to eliminate breakage of the fragile thin wafers.
- All machined aluminum parts are anodized for clean service and long life.
- Electronic sensors are used to detect both boat and wafer presence to insure safe operations.
- Ramped wafer handling speeds are set for soft pickup and landing of the thin wafers.
- All wafer handling is done by vacuum.
- User interface is a user friendly touch screen.
- Uptime will exceed 99.25%.
- Throughput: 1600 wph (wafers per hour)
- Mean time between failure (MTBF): 2,500 hours
- Mean time between assist (MTBA): 1,000 hours
- Mean time to repair (MTTR): 1 hour



Specifications

Pressure:	75 to 90 PSI C.D.A. or N ₂
Vacuum:	20" to 22" Hg
Power:	110/220 V.A.C. 50-60 hertz
Wafer Sizes:	156mm x 156mm Square Wafers
Exhaust:	1.25" port Dia.
Weight:	75-90 Lbs. Approx.
Dimensions:	56" (W) x 20" (D) x 72" (H)



MACTRONIX

300 Mactronix Plaza 2050 N. Plano Rd. Richardson, TX. 75082 972-690-0028 FAX 972-690-0074