

VERTICAL BATCH TRANSFER AND ALIGNER

VBT100-150-200(A)
VBT125-150-200Q (QUARTZ BOAT)
VBT100-150-200C (CLAMSHELL)



SUPPLIERS TO THE SEMICONDUCTOR INDUSTRY



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DESCRIPTION

The Vertical Batch Transfer and Aligner machine is a single stage, automated tool that can transfer batches of wafers between semi-standard cassettes, quartz boats & clamshells and batch align wafers by the notch or flat.

Wafers are always handled on the edge and detection sensors check for wafer safety during the transfer and alignment processes. The VBT provides true ESD protection for wafers and carriers.

The angle of alignment can be easily selected through the user-friendly keypad. The keypad interface language is configurable upon request.

There are specific equipment versions to transfer wafers between open cassettes and clamshells or quartz boats.

The equipment is qualified for use with Si, SiC, GaN, Sapphire, Glass and many other substrate materials. There are alternate comb designs for thin wafer and bonded wafer transfers. The machine can also accept cassettes inverted, allowing batch flip transfers where required.



FACILITY REQUIREMENTS

100/240V AC - 50-60Hz - 2.2A



SPECIFICATIONS

Footprint: L 631 x W 294 x H 597mm

VBT A

VBT100A
VBT150A
VBT200A

VBT Q
QUARTZ
BOAT

VBT125Q
VBT150Q
VBT200Q

VBT C
CLAMSHELL

VBT100C
VBT150C
VBT200C



This tool has been designed under license from Recif Technologies using the same design principles, materials and kinematics as were used in the original equipment and wafer fabs around the world.