

CMM SHUTTLE SYSTEM



	Length	Width	Height	Capacity	Weight	Air Consumption (Air Bearings)
Airfloat Platform D36-0037	157 1/2" (load surface) 176 3/4" (w/ valve compartment)	68 1/2"	10" (load height) 19 1/4" (lubricator and re-classifier cover height)	45,000 lbs.*	4,000 lbs.	200 SCFM and 70 PSIG (normal floor condition)
Secondary Pallet D63-0008	165 3/4"	84 3/4"	19 3/8"	45,000 lbs.*	7,200 lbs.	—

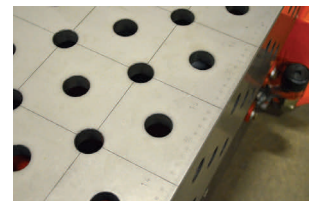
* Larger capacities available. Consult factory for more information.

FEATURES AND BENEFITS

- Reduce CMM cycle times 50-70% over static fixturing
- Friction-free movement of test articles
- Pneumatic lifting beams raise both test article and secondary pallet completely off the floor
- Dual X- and Y-axis drives – Drive the transporter in circles, around corners and other complex movement patterns
- Handheld pendant control with dead-man switch
- Dual-mode air bearing flow (loaded/unloaded)
- Load weight: up to 45,000 lbs. (test article).

SECONDARY PALLET FEATURES

- Tooling plate
- Cam followers and lead-ins
- V-notches for location on floor-mounted cam followers in CMM



FOR OPTIMUM CYCLE TIMES...

Airfloat can provide two secondary tooling pallets to be moved in and out of a CMM room by the air bearing transporter. While one is being measured in the CMM, the other pallet can be loaded or unloaded, resulting in a significant time savings.