

# EXCEL MODULAR ALUMINUM STAIR SYSTEM

Part Number	Description	Weight (lbs.)
DIS42	Drop-In Aluminum Stair Unit 42" Bay	120

Aluminum stairs are built as a single drop-in unit.

### **BUILD NOTES:**

1. All aluminum stair bays are rated with a light-duty rating of 25 lbs./sq. ft.
2. Excel diagonal swivel braces should be used with buttons compressed for stair handrails.
3. Aluminum stair bays can be used with universal steel stair stringers.
4. To transition from a universal stair stringer to a drop-in aluminum stair unit bay or vice versa, a three- (3) foot metal plank should be used with the universal stair stringer.
5. Stair systems are to be inspected prior to each shift. This includes treads, risers and handrails. The stairs should also be tied with #9 wire in heavy wind conditions.
6. Non-skid adhesive tape may be placed on the edge of the treads for better traction.

### **MATERIAL SPECS:**

1. The unit is 34-inches wide and works with a 42-inch wide bay (using 42-inch horizontals as bearers) and used with 7-foot runners.
2. Completed bay size for the aluminum stair tower is 7-feet wide (comprised of two (2) 42-inch bays) x 7-feet long (using 7-foot horizontals as runners).



**WARNING: Improper use of stairs could cause serious injury. Always use handrails and step in the center of the stair treads. Always walk down the stairs, do not run or skip treads.**



All material must be inspected prior to use! See inspection guidelines on page 43 of this manual.