

## SES Stillage Loader

### Description

Developed by Southern Engineering Solutions as part of carton packing and handling lines for freezers, these fully automated units will load cartons into a stillage frame level by level, ready for transporting to the blast freezing process.

### Benefits

Automatic loading saves the labour costs of manually loading, as well as the associated repetitive strain injuries that can be associated with these operations.

### Operation

An empty stillage frame is placed in the loading position ready for loading. The loading operation accepts cartons from an in-feed conveyor, collates them into the required quantity, and then transfers them into a level of the stillage. A further set is collated, and transferred to fill the same level, before moving to fill the next level. When the stillage frame is fully loaded, it can be transported for freezing, and a new frame placed for loading.

### Scope of supply

The loading unit is manufactured from 304 grade stainless steel, and food grade thermoplastics, has SEW drives and SMC pneumatics. Normally supplied as part of a carton handling process line, the stillage loading unit can also be engineered and supplied as a retro fit into a current line to replace an existing manual stillage loading operation.



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