

Routine & Preventative Maintenance Conveyors Used with Short Tables

If short clean tables (3 or less racks) or "L" tables are used, ADS recommends the Table Limit Switch (288-1044)



ADS does not recommend short (3 or less racks) or horseshoe table layouts of conveyor dishmachines; "L" clean tables with a curved band do not guide the racks completely around the bend—these table bands are not recommended.



Short clean table on conveyor

Conveyor arm slip-clutch spring

When conveyor machines are used with short clean tables without the table limit switch, several problems occur. Pushing racks out against the end of a table causes the rocker arm safety clutch to override the cam bearing. When this safety clutch is used as an operational limit—the springs will fail over time. When racks back up against the safety clutch and extend into the machine, the spring back from the clutch can kick the racks against the sequence bars on the tray track inside, which causes the motor to start/stop with 1.5 seconds. We've seen machines left unattended for extended periods, with racks riding the clutch. This continuous action fatigues the metal in both shaft and impeller.

Overly short clean tables cause damage to apparatus such as motor shafts, conveyor dogs, rocker arm bearings, springs, pumps and impellers. ADS will not warranty damage caused by these short tables.



Damaged impeller from excessive start/stop

Cam bearing and springs of conveyor



American Dish Service

**Manufacturer of low and high temperature Commercial
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900 Blake Street | Edwardsville, Kansas, 66111
913.422.3700 | Toll-Free: 800.922.2178 | Fax: 913.422.6630
orders@americandish.com | **americandish.com**

