



Dual Spooler Take-up



DTU-630



DTU-1000

AW Machinery Dual Shaft Spooler Take-up, Model DTU-XXX-SMT-XT are motorized Machines with Mechanical Rolling Ring or Electronic Traverse systems. They are designed to process two reels in a single machine.

The machine is designed to process one reel at a time while the second reel is being unloaded or loaded to the other shaft. The design of the machine includes one AC drive and motor to drive both shafts (alternately) via two electrical clutches. The operator selects the shaft to be engaged.

The shafts are mounted on two heavy-duty flange bearings. The reel is mounted on the shaft, and the rotating motion is provided by inserting a drive pin into the reel's drive hole.

The machine is rugged and reliable for 24/7 operation and it has a very simple and reliable control system. The control cabinet is mounted as an integral part of the machine. Two pneumatic Cylinders are used for ejecting full reels from each shaft. The machine can be supplied with an optional footage counter.

When combined with an Accumulator, this machine allows for continuous production without stopping the line.

Technical Specifications

Model	DTU-630-SMT-(M/E)T	DTU-1000-SMT-(M/E)T
Diameter Range:	10-25 7/8" (250 – 630mm)	18"-40" (458 – 1,016mm)
Width Range:	5-1/2" to 19" (140 – 500mm)	10" to 24" (254–610mm)
Type:	Two Fixed Shafts	Two Fixed Shafts
Drive:	One 3 HP AC Vector	One 5 HP AC Vector
Traverse System:	Mechanical Rolling Ring or Electronic (common to both reels)	Mechanical Rolling Ring or Electronic (common to both reels)
Traverse Location:	Centered or Entrance to First Reel	Centered or Entrance to First Reel
Weight Capacity:	250 lb. (113.6 Kg.) Each Shaft	800 lb. (364 Kg.) Each Shaft
Maximum Arbor Speed:	350 RPM	350 RPM
Maximum Speed:	800 FPM (243 MPM) @ 9.8" drum Diameter	1500 FPM (458 MPM) @ 19" drum Diameter