

AC-300 and AC-500

Because the D-1500 or D-2000 REELEX machines switch between mandrels during the winding process, a pause in take-up takes place requiring the accumulation of product exiting the extruder. The extra product is stored on the accumulator system and is taken back up by the REELEX machine when the mandrel-switching operation has completed.

The AC-500 (500 feet) is identical in operation to the AC-300 pictured and is recommended for on-line production with the D-2000. The AC-300 is recommended for use with the D-1500. REELEX accumulators may be operated in sequence if more accumulation is required. All accumulator systems include a Universal Buffer Dancer standard.

Performance

With many non-REELEX accumulators, sudden changes in line speed may cause excessive tension or cause the cable to jump from the sheaves. Due to the responsive sequential action of the REELEX Packaging Solutions Accumulator System, these problems are avoided.

REELEX accumulators are three-unit accumulation systems which feature sophisticated electronic monitoring and control. The controller monitors each individual unit separately so that the lightest accumulator is programmed for instantaneous response



to changing line speeds. Once the first accumulator is filled, the second accumulator reacts until filled and so on. This has the effect of highly accurate low-tension control combined with rapid line change response.

REELEX accumulators include their own relay logic controllers which can be separately calibrated to accommodate various extrusion setups including sequential printing.

Pricing and information

FEATURES

Controller: Controller featuring programmable relay logic and two drives.

Unit 1: UDA system is included with the accumulator and is a six-foot (183cm) tall dancer system equipped with accumulation function, nine aluminum sheaves (5 over 4), twisted rod and potentiometer control, one aluminum sheave for input and a motor driven capstan. Capacity: 40 feet (12m)

Unit 2 Ten foot tall accumulator with an eight foot air-loaded cable cylinder (adjustable to 80 psi), fourteen aluminum sheaves plus motor-driven capstan, a twisted rod and potentiometer control. Top sheaves are air piston locked in position except during string-up when they may be lowered. Bottom sheaves are active using gravity and cable cylinder. Capacity: 80 feet (24m)

Unit 3 Same as Unit 2 except it has no capstan motor and uses twenty-seven aluminum sheaves for 160 feet (49m) of accumulation

Safety Guarding: Standard safety guarding included.

PERFORMANCE

Capacity: 300 feet (100m) for AC-300, 500 feet (152m) for AC-500

Line Speed: 2000 feet per minute maximum (610mpm)

Minimum Tension: 3 lbs (1.4 kg)

PRICE - BASE (RENTAL PER MONTH)

Base Price - AC-300: \$42,700.00 USD (\$1,200.00/mo)

Base Price - AC-500: \$47,150.00 USD (\$1,300.00/mo)

PRICE - OPTIONS

Safety Guarding: \$2,200.00 USD (add \$100.00/mo)

TERMS AND CONDITIONS: Net 30 Days. All prices F.O.B. Patterson, NY USA. All prices quoted in US Dollars. Prices subject to change without notice.