

### Data Sheet



Customer adaptable system for complete product house-keeping, combining accurate product feeding, lump and neckdown identification,(or other on-line measuring devices ) printing and cutting operation.

The system is ideal for high accuracy length indication marking and length cut accuracy, often a complication where stand-alone line components do not communicate correctly and poorly positioned encoders can not guarantee the feed rates (up to 5% error with on-product encoders).

The system components can be modified to suit customer application relative to cable or tube diameter. The in-feeder caterpillars use direct drive AC servo motors to provide ultimate 0.01% feed accuracy combined with AC servo rotary cutting in a compact format to give 0.1% cut length accuracy.

The Mini-Servo-Torq cutter uses rotary 'flying knife' method to cut through the extrudate. The ultra thin blade is rotated at high speed through 360° passing through inlet & outlet guide bushes. The cut length is governed by on-board encoder and length counter.

The integral twin belt caterpillar in-feeder is also driven by AC servo motor(s). Pulling power is transmitted to Poly-vee belts via spiral-bevel gearboxes in constant mesh to avoid back-lash. Direct AC servo motor driven belts are also available for ultimate accuracy.

A second set of in-feeder caterpillars ensure constant tension to the cutter in-feeder, ideal for gel filled communication cables and loose tube cables or any delicate extruded product.

A customer selective range of measurement devices, be they Beta LaserMike or Zumbach etc, will measure the tube or cable in a low tension environment between the synchronised banks of infeeders. The printer model is also customer selectable to coincide with site preferences.

The cell, with single point power connection, provides an organised means of final product check and identification which is easily manoeuvred from one extrusion line to the next or can operate independently with drum feed and collection roller pay-offs (see below)



The cell provides you the option to print discrete customer specific data on the product without stocking for individual customers with an assurance that the meter length printed markers match the actual length. Or, provide accurate JIT pre-cut lengths ready for you or your customer to use at component level.

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