

The MGS Group



MGS
Manufacturing
HALL
Industries



FAT Fully Automatic TakeUps

We are in the Business of
Solving Problems!



FAT616/618 FAT820



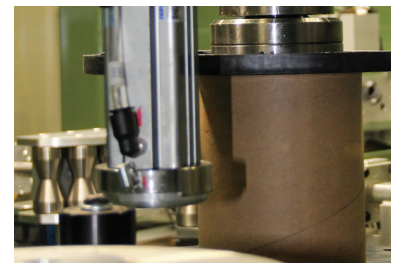
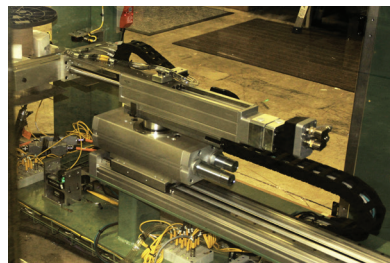
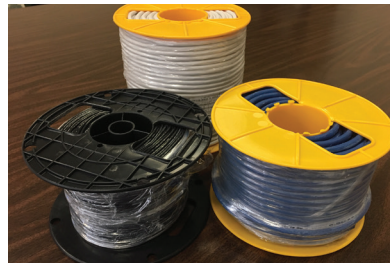
Next generation of fully automatic dual spindle takeup technology

The MGS Group FAT systems have delivered performance since 2003 for packaging a variety of wire and cable products. Success has been delivered by flexible system capability, performance, rugged and reliable design, followed up with an unparalleled commitment to support. In 2015 *The MGS Group* brought the first 6 axis robot to this application delivering the next generation in automated packaging solutions for spool, reel, and coiled products.

The MGS Group's introduction of multi-axis arm style robot operations into the wire and cable industry has created quantum leap operational performance advances. This technologically advanced approach to automated packaging has the capacity to contribute substantially to reducing labor and repetitive movements in the packaging operation. The FAT616/618/820 represent what our customers have been asking for in terms of capability, speed, size and value.

Packaging Automation

- Automotive Wire
- Building Wire
- Control Cable
- Coaxial Cable
- Category Cables
- Fiber Optic Cable
- Power Cable
- Rubber hose
- Tubing, PEX
- Conduit



Latest Technology

Smaller

Fully Automatic Take Up operates in the confines of your floorplan. Smaller footprint allows you to place the system between extrusion lines or wherever needed to ensure optimized work flow.

Faster

Newest techniques in machine design and years of experience combine to achieve industry-leading speeds. Up to 2500 FPM / 610 MPM, depending on material constructions and lengths, facilitates in meeting or exceeding your production demands. Design provides faster crossover times, faster load and unload cycles resulting in enhanced performance.

The MGS Group Approach

Success for engineered applications depends on how well the system addresses your needs. How can your specific needs be solved with standardized packages?

The MGS Group solves your problems with engineered solutions. We start with a leading edge design then adapt it to your requirements. Our engineers listen to your needs and develop a system to address all your requirements. This means you get performance without compromise.

We provide the complete solution, from the best technology to unparalleled levels of service and support. We work hard to provide you the best performance, reliability and return on investment.

- Headquarters in Rome, New York, USA
- Manufacturing in Rome, New York, USA
- Service/Spares in Rome, New York, USA
- R&D & Service in North Branford, CT, USA
- Service/Spares Center in Northampton, UK

Packaging Personalized

This is your solution for online or rewind applications.

Modular and scalable to your needs, the FAT616/618/820 offers:

Specifications

- **FAT616/618** - 6" to 16"/6" to 18" Flange Diameter, respectively, 4" to 14" OAW, 1.875" to 8" Drum Diameter, 150 lbs Max Wt., Wood, Plastic, and Tin
- **FAT820** - 8" to 20" Flange Diameter, 4" to 18" OAW, 3.5" to 10" Drum Diameter, 250 lbs Max Wt., Wooden and Plastic
- Wide product range - 22 to 2 ga. Copper (bare and insulated), Building Wire, Fiber (Kevlar and GRP constructions), coaxial cables, steel, tubing; round, flat, shaped
- Speeds up to 2500 fpm length dependent, typically 1800 fpm on 1000' lengths
- Systems can be on line with an accumulator or as a rewind line with a payoff

Features

- Positive engineering providing reliability of operation near 100%
- Simplified product path provides ease of string up and gentle handling of product
- Compact spindle arrangement providing minimum cycle times
- High speed spindles support the reel providing enhanced stability
- Through flange inner end provides reliably secured product available for testing
- Digital lock wind control with traversing reel provides excellent product wind quality
- "Multi Reel" function allows for rapid reel size changeover "on the fly"
- Vision system automates accurate loading of empties
- Simplified recipe driven system - provides repeatable setups
- Safety enclosures engineered and integrated for operation
- Safety controls include a safety processor and safe torque off drives
- Fully enclosed fully locking safety switches on all access doors

Options

- Sample cut and present
- Coiling
- Robot depalletizer/palletizer option eliminates manual handling of reels
- Boxing of top loaded or side loaded spools
- Automatic label application of flange or barrel/stretch wrap, boxes
- Sequential print of legend for optimized customer package presentation
- Automatic orientation of label position on pallet



The MGS Group

The MGS Group will continue to update these vital product lines and as always we remain flexible to meet customer needs. We continue to provide flexible solutions for our customers that accomplish the required task. We provide solutions that are ready to do the job as soon as they are bolted to the floor and are connected to power.

We are in the Business of Solving Problems!



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