mmt
MEDICAL MANUFACTURING TECHNOLOGIES

Cathtip Magnum

Automated Tipping Machine

The Magnum provides the most flexible RF architecture on the market, capable of tip forming, flaring and bonding in production or R&D settings. Our state-of-the-art, precision catheter forming systems produce the highest quality parts with speed and consistency. Achieve flashless tips, smooth bonds, and exacting geometry with virtually all thermo-plastic materials. Produce a wide range of applications – flares, flanges, angular welds, bonds, multi-lumen shape transitions, butt welds, balloon to catheter welds, neck downs, soft-tip fusion, metal to tube adhering, sheaths, dilators, radio-opaque, strain relief bonds, swaged metal needle guides, tube-in-tube bonds, etc.

Specifications

RF Induction:	1.2 KW @150-400 kHz Solid State
Motion:	Servo
Force Control:	Closed-loop
Heat Control:	Closed-loop PID temperature or generator percent power
Air Actuation:	Recipe-controlled proportional regulator
Power:	120/240VAC at 50/60Hz
Air:	100psi max. 5cfm
Interface:	Touchscreen, keyboard, PC, PLC
Dimensions:	33.25" x 34.25" x 66"
Weight:	300lb

Key Features

- Flexible for R&D and production environments
- Tailor-engineered to your specific application
- Work with extrusion sizes from 1FR to 34+ FR
- Store up-to 10,000+ recipes
- Modular "black box" tooling design
- Generate temperatures up to 650°F
- Control temperature and force with closed loop architecture
- Transfer recipes easily across machines via USB drive or network
- Ability for remote access & troubleshooting

To learn more about the Cathtip Magnum, including a comprehensive list of features and specifications, please visit:

Cathtip Magnum

Automated Tipping Machine

Safety Features

- Vertical or horizontal light curtain & safety hood enclosure (optional add-on)
- Dual-touch sensors

- User-Specified alarm
- 3-color indicator light (optional add-on)
- E-stop

Add-On Options

- Vertical or horizontal light curtain & safety hood enclosure
- Digital microscope & 10" LCD screen for inspection
- Barcode Scanner for Black Box Tooling/Recipe Verification
- 2-Up Tooling Platform Upgrade (application dependent)

- 3-color indicator light tower
- Multi-color light tower
- Customizable table extensions for front and sides
- Footrest Plate
- Automation-ready configuration

CATHTIP is proud to be an MMT company – the sole source for automated, process-driven medical manufacturing.

Medical Manufacturing Technologies (MMT) brings together applications expertise, technical solutions, and aftermarket support to revolutionize medical device manufacturing

✉ **sales@mmt-inc.com**

LEARN MORE ⊕ **mmt-inc.com**