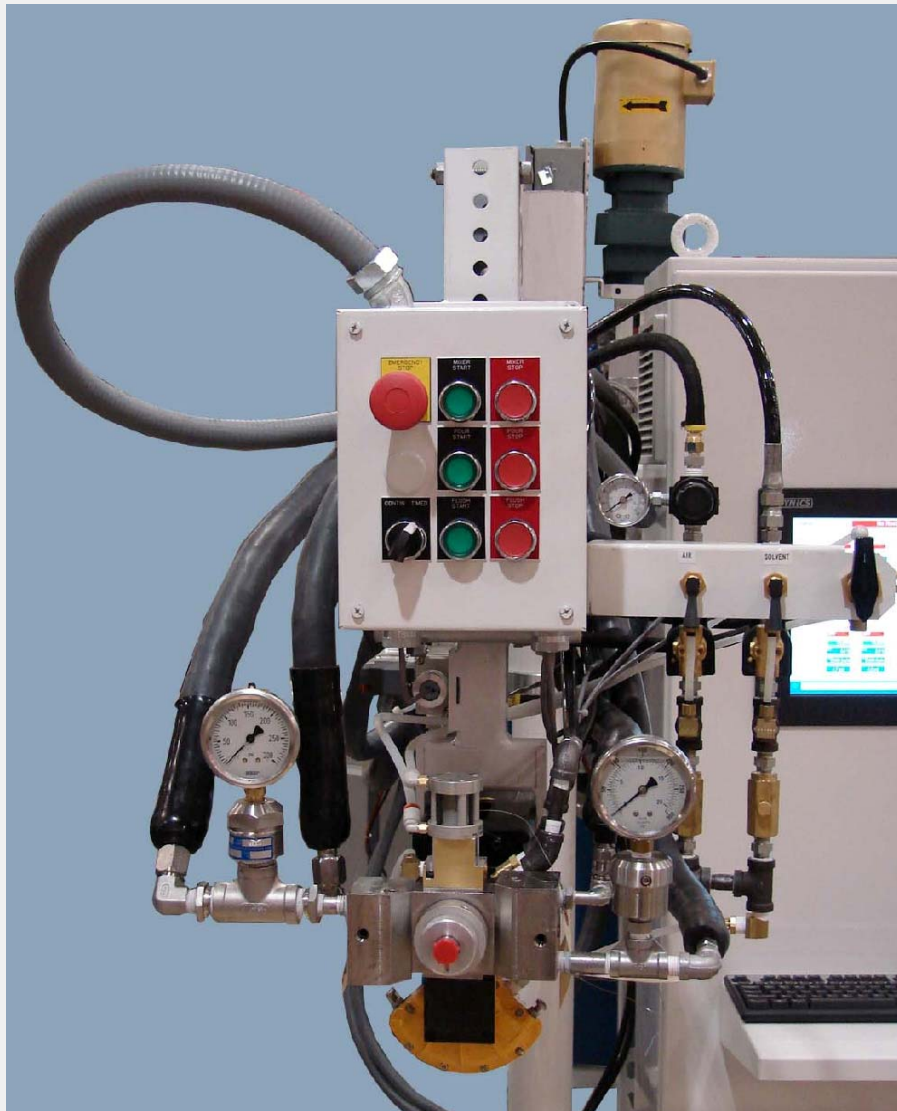


ESCO Low Pressure Mix Heads

M Series

ESCO mixing heads feature a modular design that allows production and application flexibility, improved maintainability and ease of customization to fit any polyurethane process application.

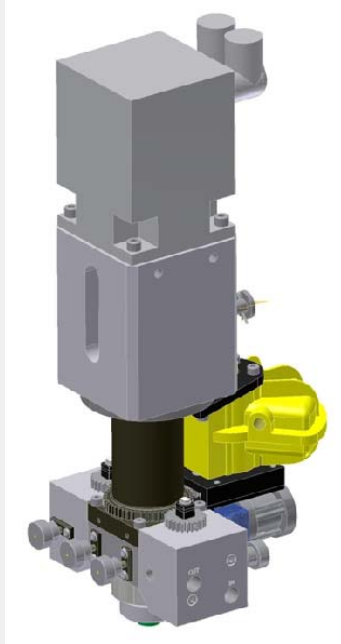


M100 Dynamic Mix Head

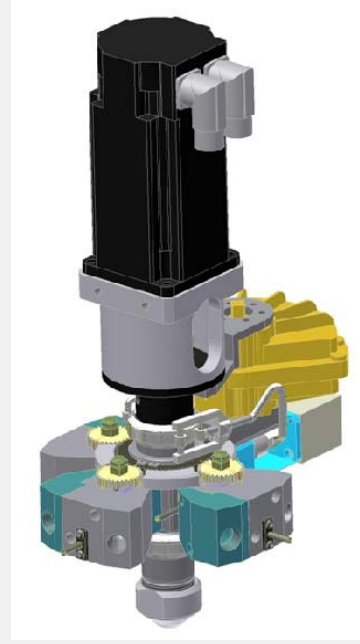


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ESCO Low Pressure Mix Heads M Series



M100 mixing head (.25 – 3 lb/min)



M200 mixing head (1 – 20 lb/min)

M-100

Standard Features:

- Output range: .25-3 lb./min. (2-23 grams/sec)
- 2 or 3 components
- External calibration porting
- Adjustable orifices
- 1000-7000 RPM
- Lip or mechanical shaft seal versions
- Multiple mixer styles for any application

Optional:

- Stainless steel wetted parts
- Heated valves
- Servomotor drive for multi-axis in-situ gasketing, automated molding or similar applications
- Continuous pour version

M-200

Standard Features:

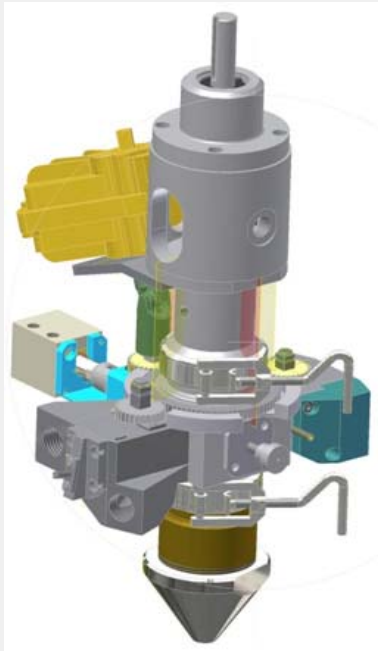
- Output range: 1-20 lb./min. (7-150 grams/sec)
- 2 or 3 components
- External calibration porting
- Adjustable orifices
- 1000-6000 RPM
- Lip or mechanical shaft seal versions
- Multiple mixer styles for any application
- Elastomer, foam and continuous pour versions

Optional:

- Up to 5 components standard option
- More components with custom applications including multiple color injectors
- Stainless steel wetted parts
- Heated valves
- Jacketed mixer nozzles
- Servomotor drive for multi-axis in-situ gasketing, automated molding or similar applications



ESCO Low Pressure Mix Heads M Series



M500 mixing head (5 – 70 lb/min)



M800 /M-900 mixing head (30 – 300 lb/min)

M-500

Standard Features:

- Output range: 3-70 lb./min. (23-530 grams/sec)
- 2 or 3 components
- External calibration porting
- Adjustable orifices
- 1000-5000 RPM
- Lip or mechanical shaft seal versions
- Multiple mixer styles for any application
- Elastomer, foam and continuous pour versions

Optional:

- Up to 5 components standard option
- More components with custom applications including multiple color injectors
- Stainless steel wetted parts
- Heated valves
- Jacketed mixer nozzles
- Servomotor drive for multi-axis in-situ gasketing, automated molding or similar applications

M-800 /M-900

Standard Features:

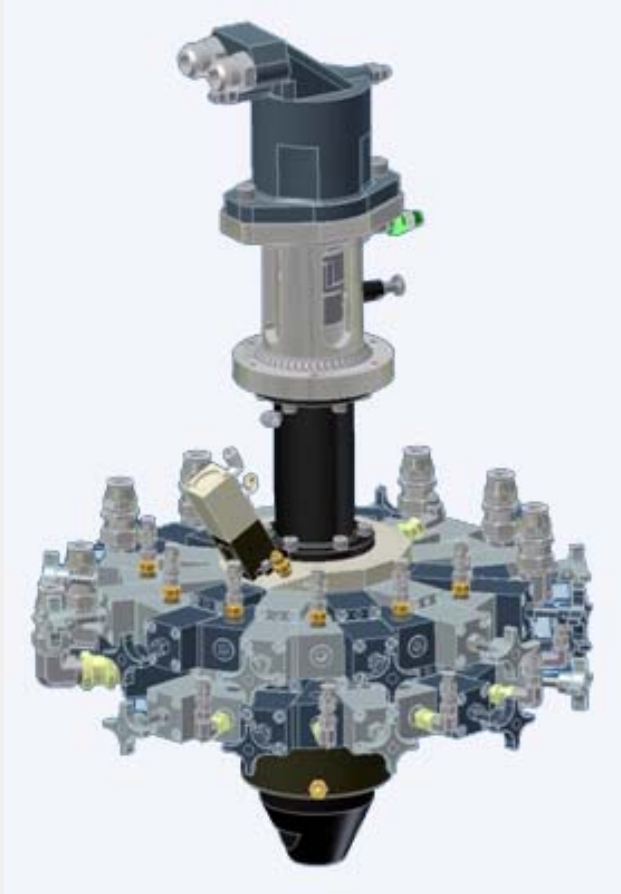
- Output range: 30-300 lb./min. (227-2270 grams/sec)
- 2 or 3 components
- Adjustable orifices
- 1000-5000 RPM
- Lip or mechanical shaft seal versions
- Multiple mixer styles for any application
- Elastomer, foam and slab/sheet stock processing versions

Optional:

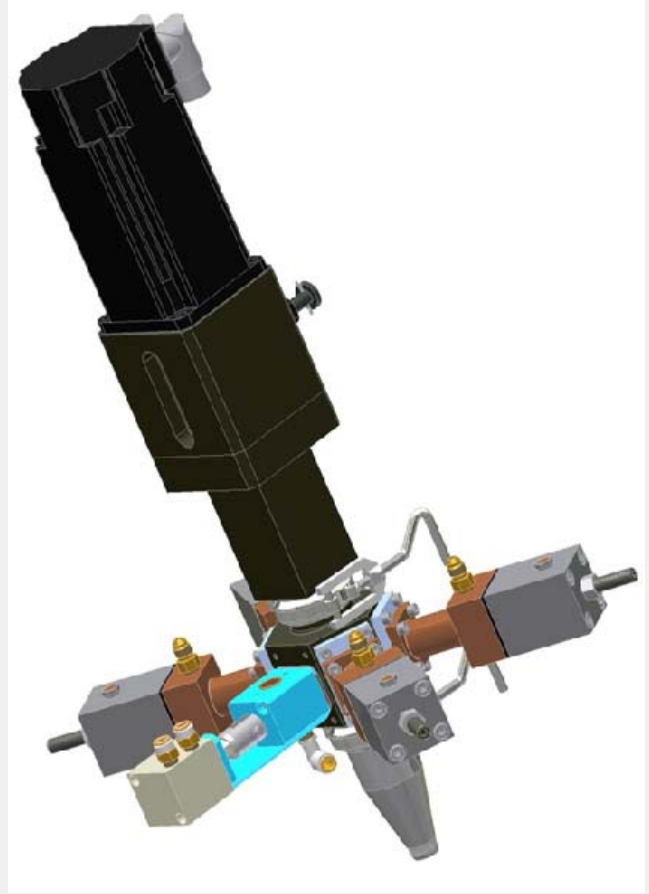
- Up to 5 components standard option
- More components with custom applications including multiple color injectors
- Stainless steel wetted parts
- Heated valves
- Jacketed mixer nozzles
- Hydraulic drive for continuous port/traversing applications



ESCO Low Pressure Mix Heads M Series



Custom M900 series mixing head with 24 injector valves designed for 6 separate PU systems, 4 components each



Custom M200 series mixing head with multiple injectors for common Isocyanate and three polyols for roller coating application

Custom Application Mixing Heads

ESCO produces custom engineered mixing heads for any number of special or difficult to process applications including:

- Syntactic foam systems
- Hydrophilic urethane
- Multi-component or dual durometer systems
- Ribbon-flow style roll covering
- TPU mixing heads
- Hand held "mix guns" with recirculation for edge banding and small pour applications
- Slab or sheet process mixing heads with up to 24 discreet material streams

