

ATS-SERIES ARTICULATED TORQUE ARM

Enhance Ergonomic and Safety Benefits:

- Reduces the physical strain on operators, promoting a safer working environment and reducing the risk of injuries.
- Mountz ergonomic torque arm absorbs the torque reaction emitted from power tools enhancing operator comfort and reducing fatigue.
- Decrease RMI (Repetitive Motion Injury) and CTS (Carpal Tunnel Syndrome) events that while improving production output.

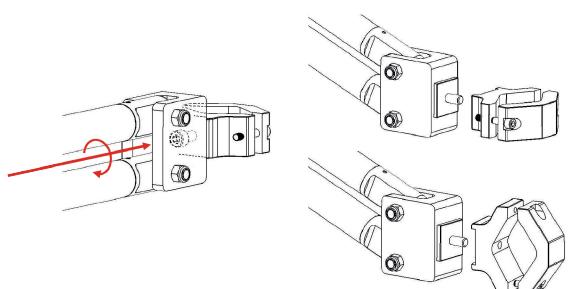
Process Improvement:

- Superior Agility:** Designed to offer maximum flexibility, these arms excel in applications requiring intricate and multi-directional movements.
- Versatility:** Preset arm angle adjustments on the ATS-25, ATS-40 & ATS-80 models. Perfect for small work cells, ensuring precise and efficient operations every time.
- Space Efficiency:** Ideal for compact workstations, making the best use of available space while maintaining high productivity.
- Adaptability:** Easily reconfigured for new tasks, ensuring long-term usability and value in dynamic production environments.
- Improve process control by preventing cross threading and sideload occurrences by keeping power tool perpendicular alignment.
- The Mountz articulated arm is used with electric and pneumatic screwdrivers and prevents power tools from being accidentally dropped.



Tool Clamp Orientation Change Options

The tool clamp position can be changed to accommodate in-line, pistol grip and right angle power tools.



Rotate clamp position for right angle and pistol grip tools.

Clamp position for in-line tools.



Min and Max Arm Reach at Inclination

Models	Item #	Max. Torque	Max Torque	Clamp				Max Tool Weight.
		American	S.I.	Dia.	0°	22.5°	45°	
ATS-15	260600	11 lbf.ft	15 N.m	1 - 1 3/4"	19" - 23.6"	-----	-----	6.2 lbs
ATS-25	260601	18.4 lbf.ft	25 N.m	1 - 2 1/4"	21" - 23.6"	20.7" - 21"	18" - 19.3"	5.5 lbs.
ATS-40	260602	29.5 lbf.ft	40 N.m	1 - 2 1/4"	23" - 29.2"	25.2" - 28.4"	12.4" - 26.3"	8.5 lbs.
ATS-80	260603	59 lbf.ft	80 N.m	1 - 2 1/4"	22" - 28.6"	17.8" - 28"	13.3" - 26"	11 lbs.

Note: The ATS-25, ATS-40 and ATS-80 models have 3 angle settings to help accommodate larger tools.

Each ATS model includes tool balancers that are considered for the application of that particular model. The ATS-15, ATS-25 and ATS-80 use 2 balancers while the ATS-40 uses 1 medium sized balancer optimized for tools in the 40 N.m range.

Quality Materials:

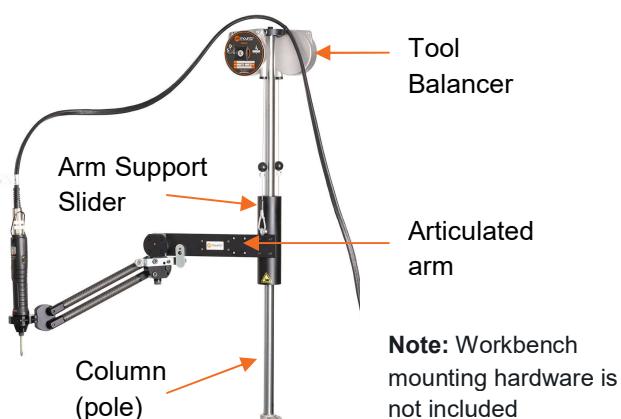
- The arm's column (pole) is steel with a polished chrome finish.
- Tool balancers have an aluminum housing and braided cable for durability. Load adjustability can be easily made by turning the knob clockwise for lighter loads and counterclockwise for heavier loads. The balancers have a locking mechanism to prevent injury. The balancers included take into account the load of the arm and average loads of tools, cables, and bits delivering up to the maximum torque for the arm.

ATS-15 model

- The arm's support slider is made of industrial-grade thermoplastic for optimized weight and durability in lower-torque applications, and features integrated steel bearings.
- The Mountz articulated arm is made of 7000-series aluminum with a thermoplastic hinge.

ATS-25/40/80 models

- The arm's support slider is made of aluminum with steel bearings, providing smooth and long-lasting vertical movement.
- The articulated arms are made of 7000-series aluminum wrapped in multi-directional carbon fiber to enhance the strength-to-weight ratio, increase the arm's torsional strength and minimize the transfer of torsional forces.



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