

FAQ FOR ATS-SERIES ARTICULATING TORQUE ARM

Q1. Does the torque arm include a tool balancer?

A1. Yes, the torque arm comes with a tool balancer(s). The ATS-15, ATS-25, and ATS-80 models include 2 tool balancers, while the ATS-40 model includes 1 medium-sized tool balancer optimized for tools in the 40 N.m range.

Q2. Does a power tool emit torque reaction?

A2. From low to high torque power tools generally produce an unwanted torque reaction that transfers to an operator's hand. The torque arm is designed to absorb the torque reaction and improve operator safety.

Q3. When an operator is using a power tool is there a risk of repetitive type injuries?

A3. The daily repetitive process of fastening screw after screw with a power tool can expose an operator to the risk of repetitive stress injury. The ergonomic arm takes the weight off a tool operator's arm and shoulders, allowing them to guide the tool instead of lifting it, which reduces the likelihood of repetitive motion injuries.

Q4. Can the torque arm be used with either an electric or pneumatic screwdriver?

A4. Yes, the torque arm is compatible with both electric and pneumatic screwdrivers. Each torque arm model has a maximum torque capacity that it supports. Select the torque arm that supports the torque setting for the power tool's fastening application.

Q5. What is the maximum torque that the ATS-Series articulating torque arm can support?

A5. The maximum torque is 59 lbft.ft (80 N.m)

Q6. Is there a maximum tool weight that a torque arm can support?

A6. Yes, each model has a maximum tool weight it can support. The total weight of tools needs to include the power tool, the power tool cable (or air hose), the bit or socket used with the tool, and any attachments on the power tool, such as a vacuum attachment, right-angle adapter, pistol-grip attachment, etc.

Q7. What type of power tool can be used with the articulating torque arm?

A7. The torque arm is compatible with in-line, pistol grip, and right-angle types of power tools. The arm's tool clamp arrives in the position set for an in-line tool. The tool clamp can be adjusted to accommodate either a right-angle or pistol-grip tool.

Q8. Can the articulating torque arm be used to ensure fasteners are tightened in the proper sequence?

A8. No, you would need to purchase a [position control torque arm](#) equipped with position encoders for that error-proofing process.



Q9. Can the articulating torque arm be used to ensure there are no missing screw occurrences or unfinished rundown occurrences during the assembly process?

A9. No, you would need to purchase a [position control torque arm](#) equipped with position encoders for that error-proofing process.

Q10. Can the articulating torque arm's reach length be adjusted?

A10. Yes, the torque arm's reach length can be adjusted by changing the arm's setting position on its arm support slider. The ATS 25, 40, and 80 models also feature three arm angle settings to accommodate larger tools.

Q11. Does a torque arm help prevent cross-threading or side load from occurring during the fastening process?

A11. Yes, the torque arm improves process control by preventing cross-threading and sideload occurrences by keeping the power tool perpendicular alignment.