

AMET® XC-Series of GTA & GMA Welding Cobots

Integrated 7th and 8th Axes for Added Part Motion

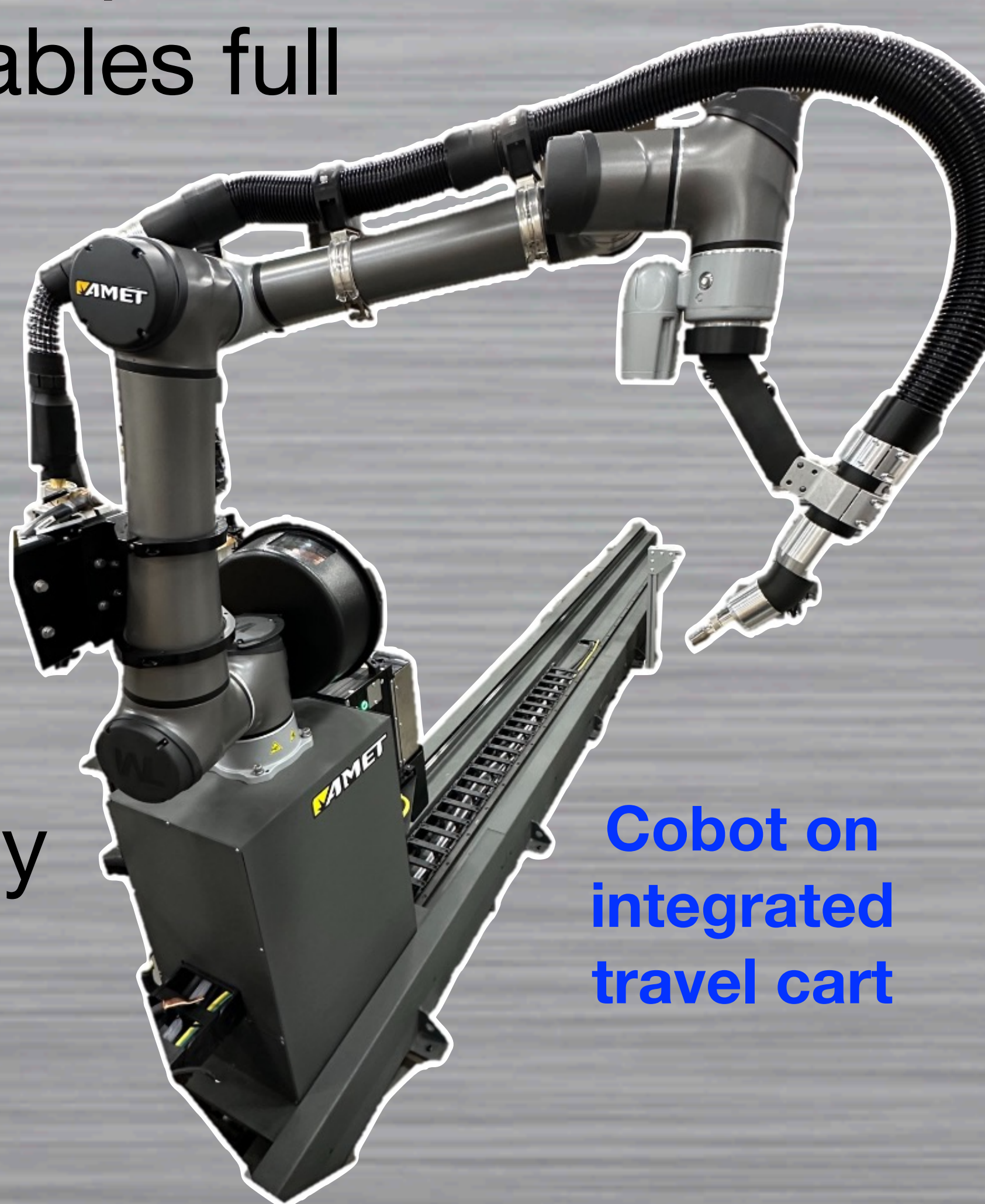
AMET®'s XC-Series of GTAW and GMAW cobot weld cells combine AMET®'s proven XM®/XPro welding and motion controls with Techman Robot's AI Cobot series, a family of collaborative robots with built-in vision systems and AI. Techman Robot is based in Taiwan and is the world's second-largest collaborative robot brand.



Cobot with integrated tilt and rotate positioner

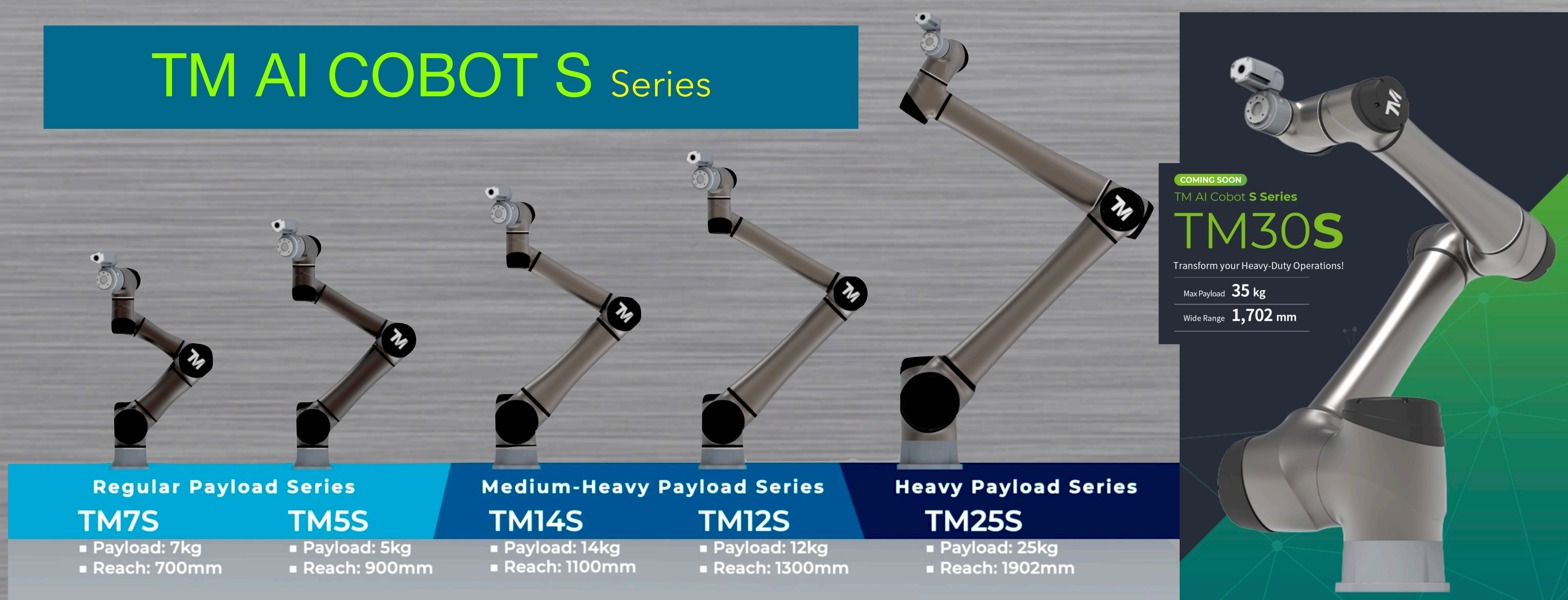
The XC-GTAW Series is specifically designed for the demands of cold wire feed GTAW. AMET®'s multi-axis Arc Voltage Control technology has been adapted to provide precision AVC across all 8 axes of the cobot / positioner motion.

AMET's DSP architecture enables full digital integration with Miller or Lincoln welding power supplies along with cold wire feed, additional axes of motion, sensors, safety equipment, etc.



Cobot on integrated travel cart

TM AI COBOT S Series



The S series cobot is equipped with an integrated vision system featuring advanced AI technology that elevates your manufacturing operations. Unlock the full potential of the cobot's capabilities and take your vision application to new heights.

MXC-SERIES

AMET Process Control + TM Cobot + Vision system + Native AI engine

The AMET® / TM Advantage

MA Integrated vision system with AI to recognize position targets and automatically compensate for misalignment. Also provides for varying types of pre and post weld inspection.

MA Integrated tilt and rotate positioner (7th and 8th axes) to provide coordinated part motion with torch motion. Significantly increases torch access on complex parts and helps maintain 1G position for GTA-CWF, and GMA processes.

MA Integrated GTA and GMA weld process programming allowing all power supply, wire feed, and travel speed parameters to be directly programmed on a single robot touchscreen. Programming of weld sequences does not require any PLC or other programming knowledge. The Weld, Edit, and Setup Modes, and their program screens are intuitively presented on the touchscreen for program creation and execution.

MA Robotic GTA weld torch with integrated weld vision and wire nozzle positioning in a compact package to provide better access and positioning for wire feed applications.

MA Offers all the well known AMET capabilities like pre and post weld automation, process monitoring, OPC-UA compliance, easy expandability, and 35 years of proven reliability and support.

