

AMET

ADVANCED MANUFACTURING ENGINEERING TECHNOLOGIES

ADVANCED TECHNOLOGY FOR MANUFACTURING EXCELLENCE

AMET HAS BEEN PROVIDING AUTOMATED WELDING SOLUTIONS FOR 20 YEARS. WE HAVE DEVELOPED DIGITALLY CONTROLLED, MULTIPLE HEAD, WITH MULTIPLE WIRE FEED, SUBARC AND GMA SOLUTIONS SPECIFICALLY FOR CIRCUMFERENTIAL AND LINEAR ASSEMBLIES. AMET HAS COMBINED OUR DIGITAL CONTROLS WITH THE ADVANCED DIGITAL POWER OF LINCOLN'S POWERWAVE SUPPLIES. THIS AMET / LINCOLN COMBINATION PROVIDES THE ULTIMATE IN HIGH PRODUCTION AND HIGH QUALITY.



ADVANCED TANDEM SUBARC SYSTEMS FOR INTERNAL / EXTERNAL CIRCUMFERENTIAL OR LONGITUDINAL WELDS

XM Controls



AMET'S **XM** LINE OF CONTROL PRODUCTS PROVIDES ENHANCED CAPABILITIES FOR MULTIPLE HEAD SUBARC AND GMA APPLICATIONS.

THE XM ADVANTAGE

- EASILY PROGRAM ALL WELDING PARAMETERS INCLUDING ANY NUMBER OF LINCOLN POWERWAVES FROM A SINGLE CONTROLLER.
- AMET / LINCOLN ARCLINK INTERFACE PROVIDES "ON-THE-FLY" MODE SWITCHING FOR EACH POWER SUPPLY (ie. DC TO AC) FOR CONTINUOUS ROOT-TO-CAP WELDING.
- DIGITAL INTEGRATION WITH META'S LASER SENSOR SYSTEMS PROVIDES REAL-TIME JOINT TRACKING, SIDEWALL OFFSET BEAD PLANING, ROOT-GAP COMPENSATION, AND ADAPTIVE FILL.
- INTEGRATED ETHERNET COMMUNICATION FOR SYSTEM STATUS, TRANSFERING WELD PROGRAMS AS WELL AS WELD PROCESS DATA.

XM Controls

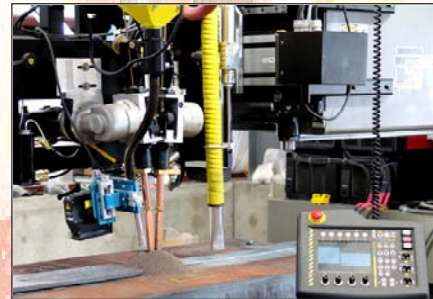


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AMET AUTOMATED WELDING SYSTEMS

TURN-KEY SYSTEMS • PRECISION MANIPULATORS UP TO 6MX6M • TURNING ROLLS UP TO 100 TON
PRECISION 2 OR 3 AXIS HEAD POSITION CONTROL • MULTIPLE HEADS WITH MULTIPLE TORCHES •



XM / LINCOLN ARCLINK COMMUNICATIONS



AMET ADVANCED WELDING SYSTEMS



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