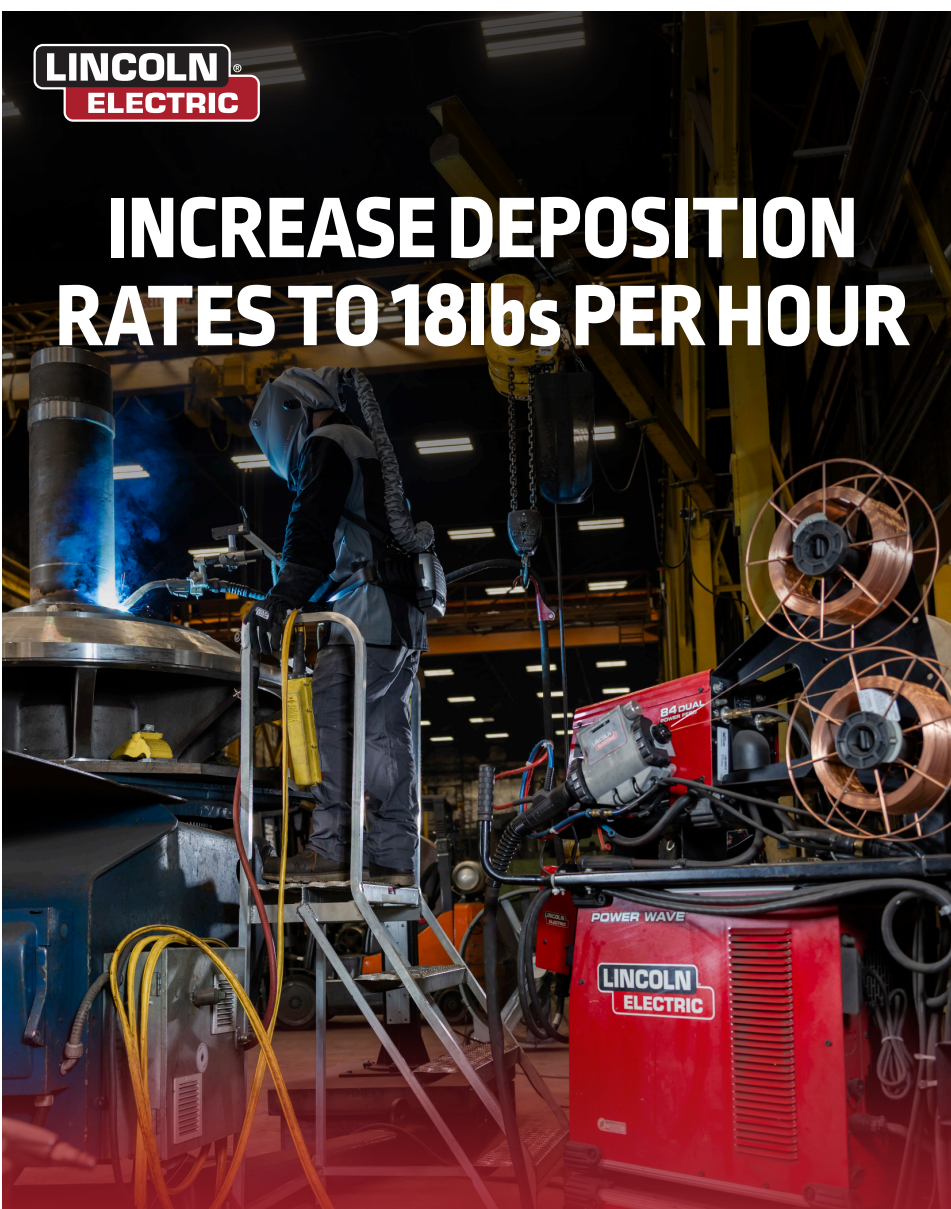




**INCREASE DEPOSITION
RATES TO 18lbs PER HOUR**



**BE UP TO 200%
PRODUCTIVE**

**UPGRADE YOUR METAL CORED WELDING
ON STEEL**

UPGRADE YOUR METAL CORED WELDING

	Industry Standard MCAW CV	Metalshield® MC-70 XLS™ CV	SuperArc® L-59° CV	SuperArc® L-59° + Low Fume Pulse™	SuperArc® L-59° + HyperFill® Twin-Wire	Increase Welding Deposition Rate With HyperFill® To 18lbs Per Hour!
		<ul style="list-style-type: none"> • Low silica island formation • Smooth, stable arc characteristics 	<ul style="list-style-type: none"> • Handles moderate millscale • Reduces cleanup time • Copper-coated 	<ul style="list-style-type: none"> • Helps reduce fume generation* • Easier to control puddle • Wider operator range 	<ul style="list-style-type: none"> • Stable arc for easy control of large weld puddles • Increase productivity over Single Wire applications 	
SILICA ISLANDS						
PENETRATION PROFILE						

Weld Test Disclosure: All welds run on Hot Rolled Steel. Competitive MCAW 0.045" welded at 445 Inches Per Minute (IPM), 14 IPM travel speed for 3/4" fillet. Lincoln Electric Metalshield® MC-70 XLS™ welded at 445 IPM, 14 IPM travel speed for 3/4" fillet. SuperArc® L-59° 0.052" Constant Voltage (CV) welded at 330 IPM, 13 IPM travel speed for 5/16" fillet. SuperArc® L-59° 0.052" Low Fume Pulse™ welded at 330 IPM wire feed speed, 13 IPM travel speed for a 5/16" fillet. HyperFill® + SuperArc® L-59° 0.035" welded at 585 IPM, 19 IPM travel speed for 5/16" fillet.

Book Demo



COOPER® SUPERCHARGES YOUR WELDING PROCESS

BE OVER 200% MORE PRODUCTIVE

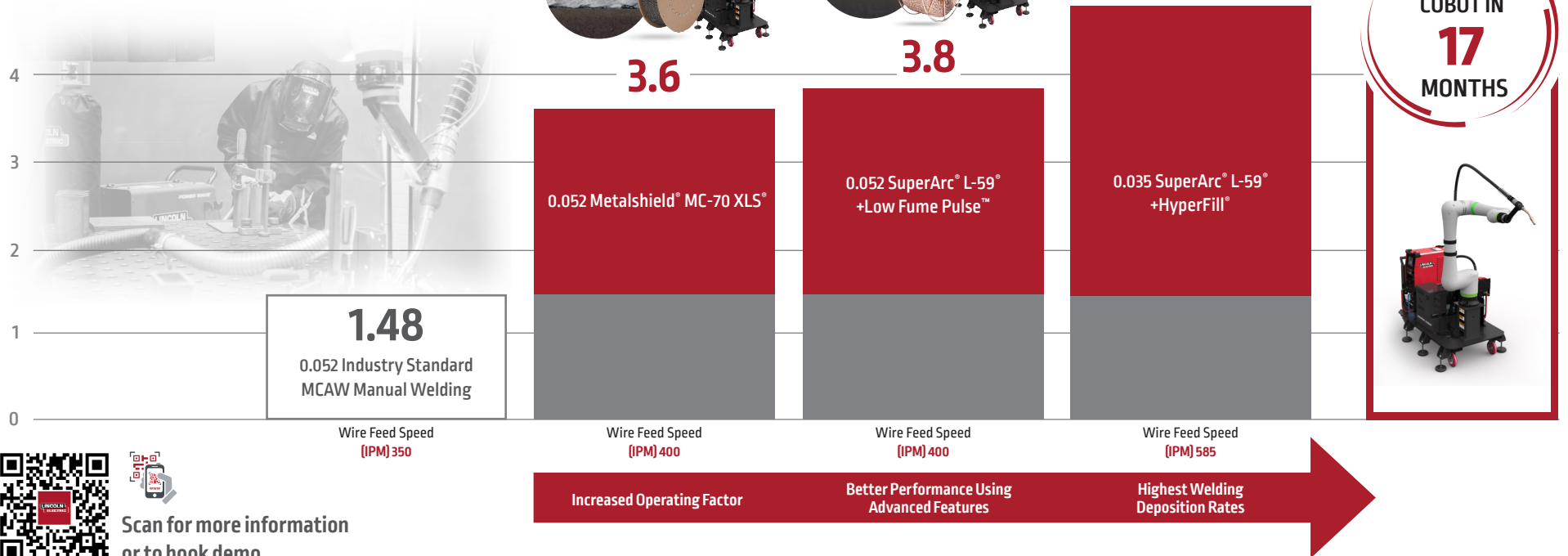
- Cooper® Welding Cobots increase productivity by moving much faster, welding at higher wire feed speeds and allowing the operator to do multiple tasks
- Increase welding deposition rates and supercharge productivity by adding HyperFill® Twin-Wire

Book Demo



up to 66% REDUCTION IN FUME GENERATION WITH LFP*

5 — Lbs/Hr x Operating Factor = Total Lbs/Hr



Scan for more information or to book demo.

LEGAL DISCLAIMER

Weld Test Disclosure: Welding deposition rates calculated as follows. 0.052" Competitive MCAW with wire feed speed of 350 IPM will deposit approximately 11.4 lbs per hour. Assume manual operation 13% Arc On Time, total weld metal deposited per hour of operation = 1.48 lbs. 0.052" Metalshield® MC-70 XLS™ with wire feed speed of 400 IPM will deposit approximately 13.4 lbs per hour. Assume Cooper® Welding Cobot operating factor of 27% Arc On Time, total weld metal deposited per hour of operation = 3.62 lbs per hour. 0.052" SuperArc® L-59® with wire feed speed of 400 IPM will deposit approximately 14 lbs per hour. Assume Cooper® Welding Cobot operating factor of 27% Arc On Time, total weld metal deposited per hour of operation = 3.78 lbs. 0.035" HyperFill® + SuperArc® L-59® with wire feed speed of 585 IPM will deposit approximately 18 lbs per hour. Assume Cooper® Welding Cobot operating factor of 27% Arc On Time, total weld metal deposited per hour of operation = 4.86 lbs. Pay off a \$200K (CAD) Cooper® Welding Cobot investment in 17 months. Based on 3000lbs of welding per year, \$100/hr labour rate. Present case, 0.052" MCAW 350 IPM, 13% arc on time. Future case, 0.035" SuperArc® L-59® + HyperFill®, 575 IPM, 27% Arc On Time.

***Welding Fume Generation with Low Fume Pulse:** These sample test results for welding fume generation were obtained from welding fume produced and tested according to prescribed standards, and should not be assumed to be the expected results in a particular application. Actual results will vary depending on many factors, including, but not limited to: the base material or substrate being welded, the welding procedure and welding process, and the unique conditions present in the workplace or welding environment. Users and employers have the sole responsibility for and control over workplace conditions, including the manner in which work is performed and the safety measures taken. Always read and follow applicable OSHA and local government regulations as well as all information on product labeling and safety data sheets when using Lincoln Electric products. Safety data sheets for Lincoln Electric products can be found at <http://www.lincoln-electric.com/en-us/support/msds/Pages/sds-search.aspx>. Users and employers should have an industrial hygienist check worker exposure levels to be certain that they are within applicable OSHA PEL and ACGIH TLV limits for the particular application or weldment.

Book Demo

CUSTOMER ASSISTANCE POLICY

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Lincoln Electric Company of Canada
179 Wicksteed Ave., Toronto, ON, M4G 2B9
www.lincolnelectric.ca

