

EFFICIENCY 300%+

MECHANICAL PROPERTIES IMPROVED

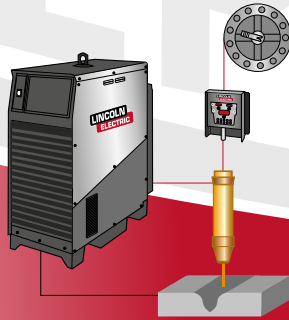
**MOVE YOUR SUBMERGED ARC WELDING SOLUTION
TO THE NEXT LEVEL**



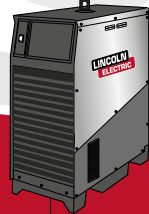
RATE YOURSELF

WHERE ARE YOU TODAY?

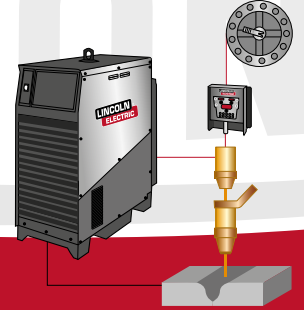
WHERE DO YOU WANT TO BE IN THE FUTURE?



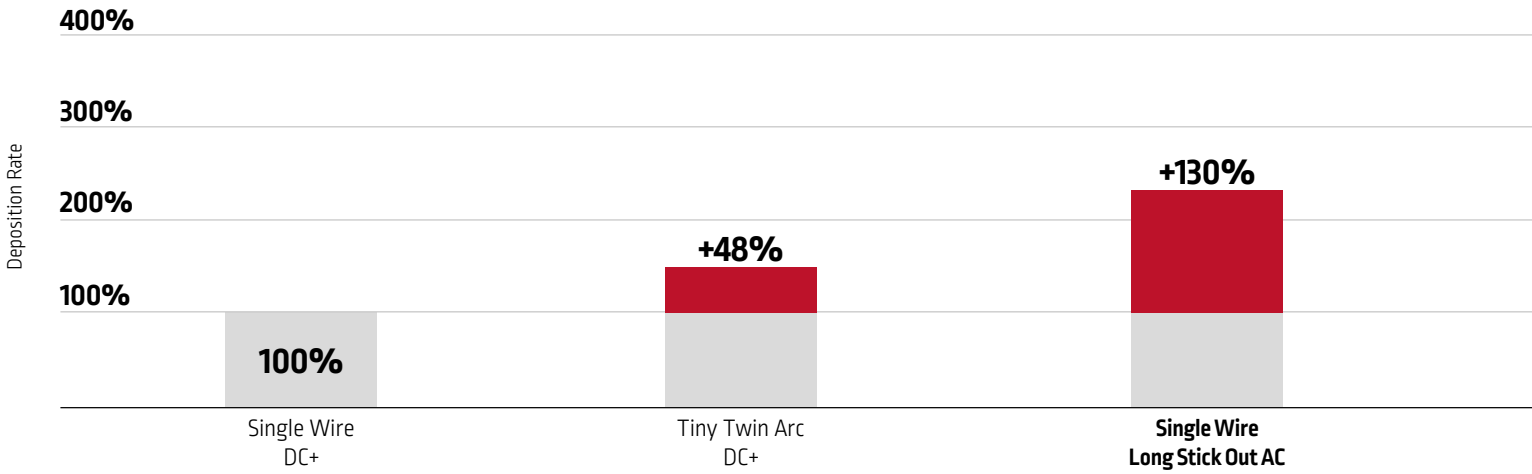
Single Wire



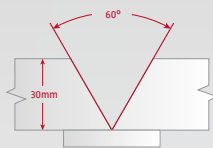
Tiny Twin Arc



Long Stick Out



APPLICATION
 Labour cost*: 60 €/h
 Weld length: 10 000 m
 Consumables: Lincolnweld® 860 / L-61 wire combination



PROCESS	Electrical parameters	Amperage	DC+	AC*
			Single Wire	
			30 mm Stick Out	Long Stick Out
	Voltage		29	31
	Deposition rate [kg/h]		6.5	15.0
	Welding speed [cm/min]		42	65
	Heat input [kJ/cm]		23.0	16.0

SAVINGS

TIME
-57%
 [-3792 h]

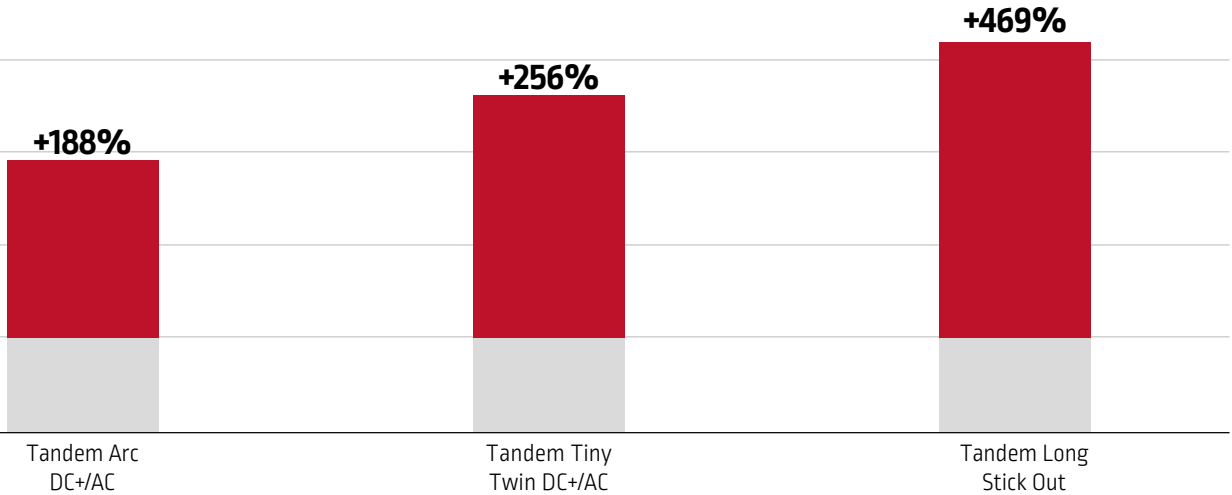
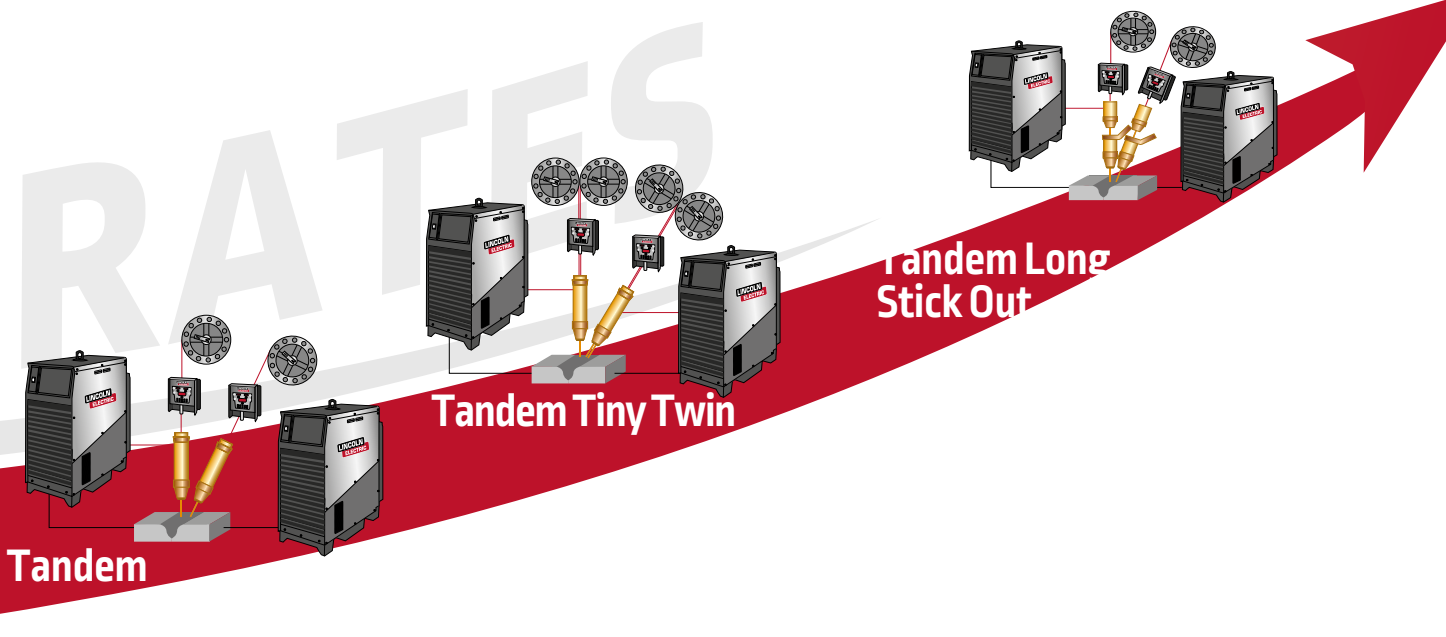
COST
-39%
 [-227 538 €]

COST STUDY FOR 10 000 METERS OF WELD

CONSUMABLE COST			187 000	
PRODUCTION COST	Weld metal cost	[€]	187 000	
	Welding time	[h]	6 692	2 900
	Time saving	[h]	-	-3 792
	Labour cost*	[€]	401 538	174 000
	Labour saving	[€]	-	-227 538
TOTAL COST	Total cost	[€]	588 588	361 050
	Total cost saving			-39%

* AC = 50 Hz, 25% balance, -25% offset

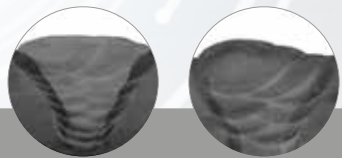
RATES



LINCOLNWELD® 860 / L-61 WIRE COMBINATION CVN IMPACT



WATCH VIDEO



	Deposition rate [kg/h]	E Kj/cm	Elongation [%]	Yield [N/mm ²]	Tensile [N/mm ²]	Impact ISO-V[J] -20°C
DC+*	6,5	23	28	430	510	60
LSO AC	15	16	30	462	526	100

DEP. RATE
+130%

CVN IMPACT -20°C
SIGNIFICANTLY IMPROVED

* typical

QUALITY AND SAFETY

- High quality welding results
- Excellent bead appearance
- Highest deposition rates
- Deep penetration
- Increased productivity
- WPS development



VISIT WEB PAGE



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WE PROVIDE THE COMPLETE INSTALLATION

- Turntable
- Pneumatic feed assist
- Drum lifter
- Mexican hat
- Hood
- Wire guides
- Wire straightener

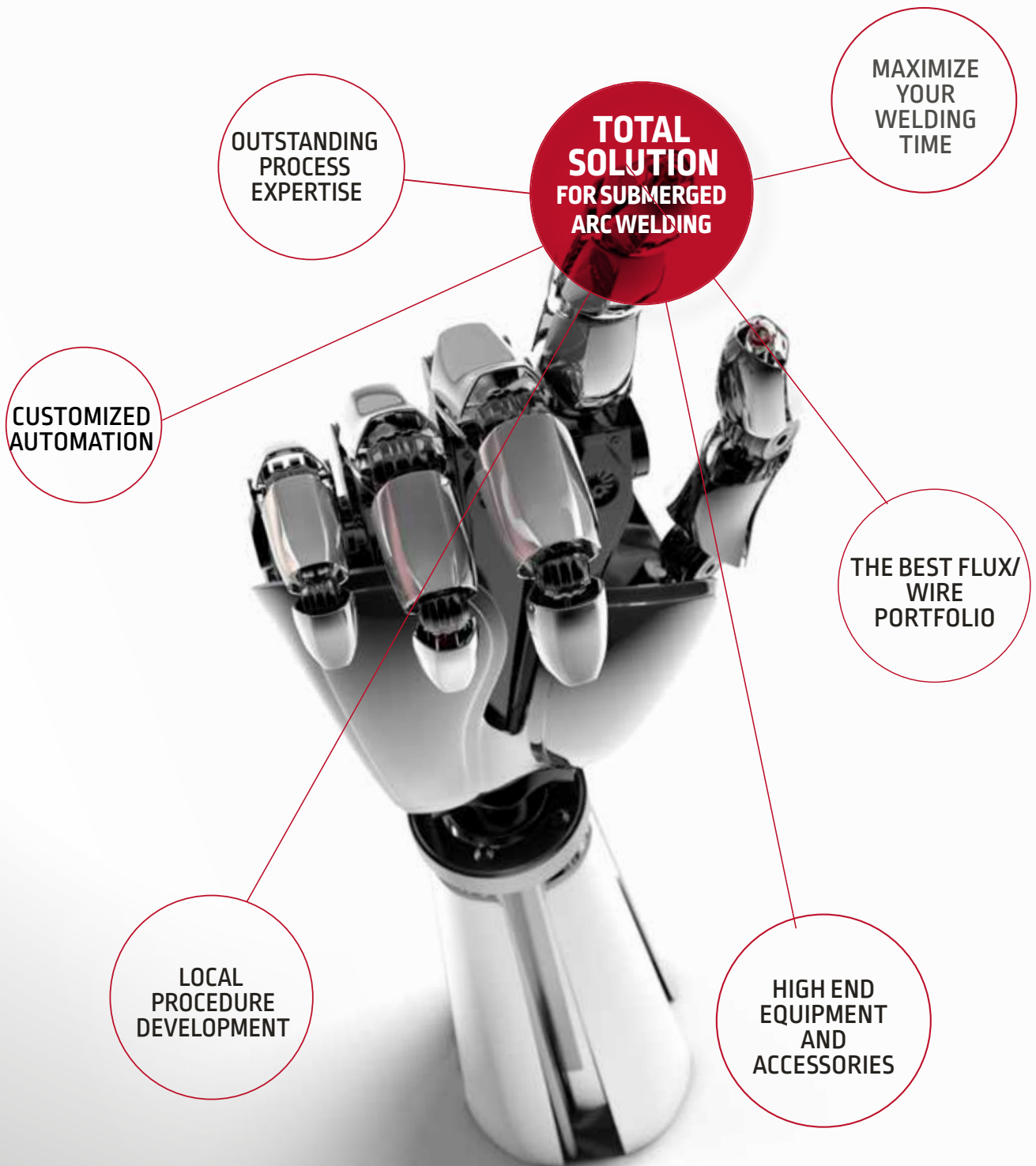


350kg drum:
14 x less change over
time vs 25kg coil

ONE COMPANY, ONE TEAM

MORE SOLUTIONS

- HIGHEST PRODUCTIVITY AND EFFICIENCY IN SAW
- MULTIPLE ARC UPGRADE WITH STANDARD EQUIPMENT STEP BY STEP
- CONTROLLED HEAT INPUT AND IMPROVED MECHANICAL PROPERTIES
- SAFEST WIRE DELIVERY SYSTEM FOR LARGE BULK PACKAGE



BEING PRESENT LOCALLY MAKES US MORE AWARE GLOBALLY



2.6
BILLION USD REVENUE

160
ACTIVE IN 160
COUNTRIES
WORLDWIDE

11 000
EMPLOYEES WORLDWIDE

120
YEARS OF EXPERIENCE

CUSTOMER ASSISTANCE POLICY

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