

**SAVE UP TO 30%
OF WELDING COSTS**

SUPRAMIG® HD Ø 1.32 mm
THE NEW DIMENSION OF HIGH EFFICIENCY GMAW WELDING



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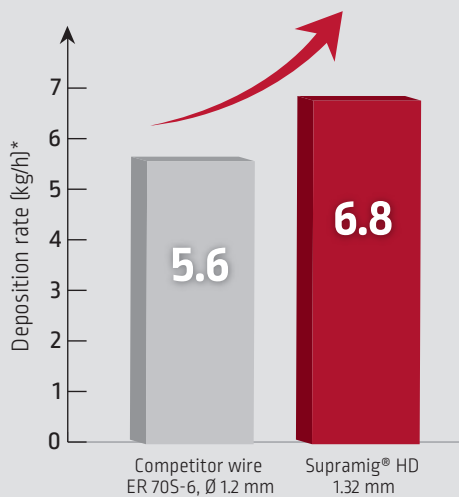
**LINCOLN®
ELECTRIC**

SUPRAMIG® HD 1.32 mm – MOVE TO THE NEW DIMENSION

OPTIMAL DIAMETER FOR HIGH DEPOSITION

Increase your productivity without capital investment

Effect of wire diameter on deposition rate [*]



(* Based on WFS of 10.5 m/min)

+20%*
productivity

-17%
welding cost

* compared to Ø 1.20 mm wire

Even in traditional CV mode wire diameter change allows productivity improvement.

USER ADVANTAGES:

- Higher productivity
- Suitable with all equipment
- No capital investment
- Immediate implementation

PREMIUM WELDING WIRE WITH CONTROLLED CHEMICAL COMPOSITION

Lincoln Electric's engineered premium wire surface condition combined with tight chemistry and production control are key factors to ensure the premium quality of SUPRAMIG® HD. This gives a solid wire with:

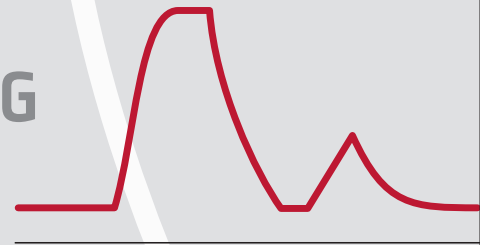
- Faster arc establishment
- Less spatter
- Minimal silicate islands
- Smoother and consistent feeding
- Higher deposition rate

CONSISTENTLY
DELIVERING THE SAME
PREMIUM PRODUCT
DAY AFTER DAY



DOWNLOAD
BROCHURE

ON OF HIGH EFFICIENCY GMAW WELDING



COMBINED WITH ADVANCED PROCESSES

Increase your productivity further with medium investment

Power Wave® allows you to weld with specific waveforms like RapidArc®, RapidX®, Low Fume Pulse™ which will give you the possibility to increase productivity, minimize spatter and establish a better welder environment.



Supramig® HD 1.32 mm + RapidArc®

USER ADVANTAGES:

- Higher productivity and travel speed
- Lower cost compared to CV mode
- Higher range of parameter → increased deposition rate
- Shorter arc length → no geometrical bead defects

-30%
welding cost

WELDING IN A MORE COMFORTABLE ENVIRONMENT

Choose the best wire diameter for the highest efficiency

Tests have shown that welders prefer Supramig® HD 1.32 mm compared to other diameters because they can weld with higher parameters without trouble.

To further increase the welder appeal Supramig® HD 1.32 mm can be combined with Low Fume Pulse™.

An increase in operating factor from 25% to 30% means increasing your welding time by 3 minutes per hour

-10%
welding cost

USER ADVANTAGES:

- Same deposition rate with lower wire feed speed
- Less vibration in the torch and no feeding problems
- Possibility to weld at higher parameters without trouble, ending the job quicker
- Less fume when using the new advanced waveform **Low Fume Pulse™**



YOU CAN SAVE MORE...

BY EFFECTIVE MECHANIZATION

Increase the Operating Factor with a Weldycar



Weldycar and Supramig® HD 1.32 mm for long seam welding.

Autonomous battery operating carriage

up to
70%
operating
factor

USER ADVANTAGES:

- Plug & Play → reduced time for set-up
- Higher travel speed → productivity gain
- Safe use → no electrical cables for functioning

...AND EVEN MORE

IN ROBOTIC OR SEMI-AUTOMATIC APPLICATIONS

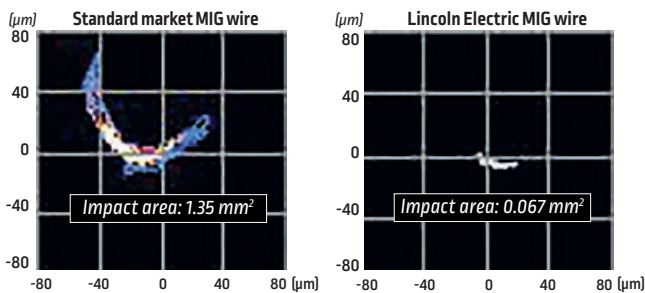
Move from spools to drums to reduce downtime and save cost



-20%
operating
cost

Benefit from more consistent wire placement

Wire Placement Accuracy Test*



* Test measuring the wire placement area during 10 min of welding.

**5 TIMES
LESS
deviation
in wire
placement**

USER ADVANTAGES:

- Perfect repeatability → no readjustment of robot trajectory
- No defect due to wrong wire placement
- Allows higher travel speed

**BOOK AN
APPOINTMENT
NOW!**

Do you want to improve your productivity and reduce your welding cost by up to 75%?*

Please ask for an appointment in order to estimate your savings.

* including mechanization

TODAY THE WELDING INDUSTRY IS LOOKING FOR:

- HIGH PRODUCTIVITY
- LOWER PRODUCTION COST
- LESS DOWN-TIME FOR CLEANING AND RE-WORKING
- BETTER OPERATOR WORKING CONDITIONS

TO ANSWER THIS DEMAND LINCOLN ELECTRIC OFFERS YOU A TOTAL SOLUTION

TOTAL SOLUTION FOR GMAW HIGH DEPOSITION APPLICATIONS



PREMIUM WELDING WIRE

Supramig® HD
+ Ø 1.32 mm

- Faster arc establishment, less spatter & minimal silicate islands

ADVANCED PROCESSES

- Unique waveforms for cost reduction and quality improvements

SOFTWARE SOLUTIONS

Syncs with
CHECKPOINT

MAXIMIZE YOUR WELDING TIME

WIDE RANGE OF MECHANIZED SOLUTIONS

SATISFY YOUR REQUIREMENTS WITH DEDICATED EQUIPMENT

BASIC PLATFORM

TECHNICAL PLATFORM

ADVANCED PLATFORM



BEING PRESENT LOCALLY MAKES US MORE AWARE GLOBALLY

Benefit from the Market Leader

120+
YEARS OF EXPERIENCE

160 ACTIVE IN 160
COUNTRIES
WORLDWIDE

325+
R&D ENGINEERS
WORLDWIDE



CUSTOMER ASSISTANCE POLICY

The business of The Lincoln Electric Company® is manufacturing and selling high quality welding equipment, consumables, and cutting equipment. Our challenge is to meet the needs of our customers and to exceed their expectations. On occasion, purchasers may ask Lincoln Electric for information or advice about their use of our products. Our employees respond to inquiries to the best of their ability based on information provided to them by the customers and the knowledge they may have concerning the application. Our employees, however, are not in a position to verify the information provided or to evaluate the engineering requirements for the particular weldment. Accordingly, Lincoln Electric does not warrant or guarantee or assume any liability with respect to such information or advice. Moreover, the provision of such information or advice does not create, expand, or alter any warranty on our products. Any express or implied warranty that might arise from the information or advice, including any implied warranty of merchantability or any warranty of fitness for any customers' particular purpose is specifically disclaimed.

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