



# SPEEDTEC® PULSE RANGE

ULTIMATE PERFORMANCE

ARCTECH, s.r.o.  
Komenského 18 B  
036 01 Martin, Slovensko  
| Email: [arctech@arctech.sk](mailto:arctech@arctech.sk)  
| Tel: (+421)915 269 099  
| [www.arctech.sk](http://www.arctech.sk)

**LINCOLN**®  
**ELECTRIC**



### Processes

- GMAW
- FCAW-G
- FCAW-S
- Pulsed MIG
- GTAW
- SMAW
- CAG
- MIG brazing

### Materials

- Steel
- Stainless steel
- Low alloy steel
- Aluminium

### Applications

- General fabrication
- Heavy fabrication
- Structural
- Transportation
- Chemical processing
- Maintenance and repair
- Shipbuilding

## NEXT GENERATION

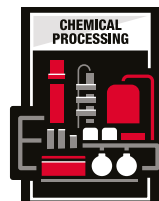
New **SPEEDTEC® 400SP** and **500SP** are the third generation multi-process power sources offering superior quality welding and high efficiency processes which increase the productivity and are the next step into the future of professional welding.

New SPEEDTEC® range designed with the latest energy-saving inverter technology and specially rugged construction are ready to work in even the most demanding environmental conditions.

Modular system: power sources available in two versions 420A@100% and 500A@60% with a choice of separate wire feeders, standard **LF52D** for basic use or the advanced **LF56D** for more demanding applications, new cooler **COOLARC® 60** with higher cooling efficiency, new 4-wheels cart with very solid metal made construction plus wide range of connection cable and accessories fits perfectly with the needs of the most demanding welding applications in various segments.

Behind the outstanding welding performance, SPEEDTEC®'s platform based on digital communication system and with build-in communications tools, such as Ethernet or USB, allowing an accurate traceability and monitoring of your welding activities.

# NEXT STEP INTO THE FUTURE OF PROFESSIONAL WELDING



# ULTIMATE PERFORMANCE

## EXCELLENT PRODUCTIVITY

- **Speed Short Arc™** for faster welding with lower heat input.
- **High Penetration Speed™** for deep penetration welding.
- **Soft Silence Pulse™** reduces the noise and gives clearly better wetting for stainless steel.
- **MECHAPULSE™** produces very high quality welds with rippled seam appearance.
- Production monitoring (Checkpoint).



## RUGGED RELIABILITY

- **High duty cycle** multi-process power sources.
- **Double-side fully potted PCB** with superior resistance for dust, humidity, jerk or vibrations.
- Metal made, rugged, solid and very stable construction ready for any industrial environment.
- **True Heavy Duty** confirmed by 5 Years Warranty\*.



## SUPERIOR ERGONOMICS

- **Modular concept** to build configuration for any requirements.
- **Ergonomics design** make everyday welders work easier.
- Innovative and intuitive user interfaces.
- Wide range of options and accessories.

## NEXT GENERATION



\* Applies to the Speedtec power sources, 3 Years Standard Warranty + 2 Years after registration: [www.lincolnelectric.com/LEExtranet/ProductRegistration/PRExtWarMain.aspx](http://www.lincolnelectric.com/LEExtranet/ProductRegistration/PRExtWarMain.aspx)

# HIGH EFFICIENCY PROCESSES

# MOVE TO NEXT LEVEL OF PROFESSIONAL WELDING

## Speed Short Arc™ (SSA™)

A semi-controlled short circuit mode which allows to shift globular behavior using wire feed speed normally reachable only in pulse mode. The current values used in this mode are very different from those used in conventional "short arc" operation. Faster wire speeds require a medium current together with a large peak current in order to form and detach the droplet more quickly.



## Soft Silent Pulse™ (SSP™)

This is a pulse transfer with a special waveform producing a soft and silent arc. The behavior of the Soft Silent Pulse™ is very suitable for Stainless Steel application which requests the best wetting possible. Silence, because the noise of the arc is divided by two regarding a normal pulse mode what can be really appreciated when you have to weld in a confident area. Moreover the stability given by this transfer allows to weld in all positions and especially in vertical up without weaving when it is associated to a MECHAPulse™ welding mode.

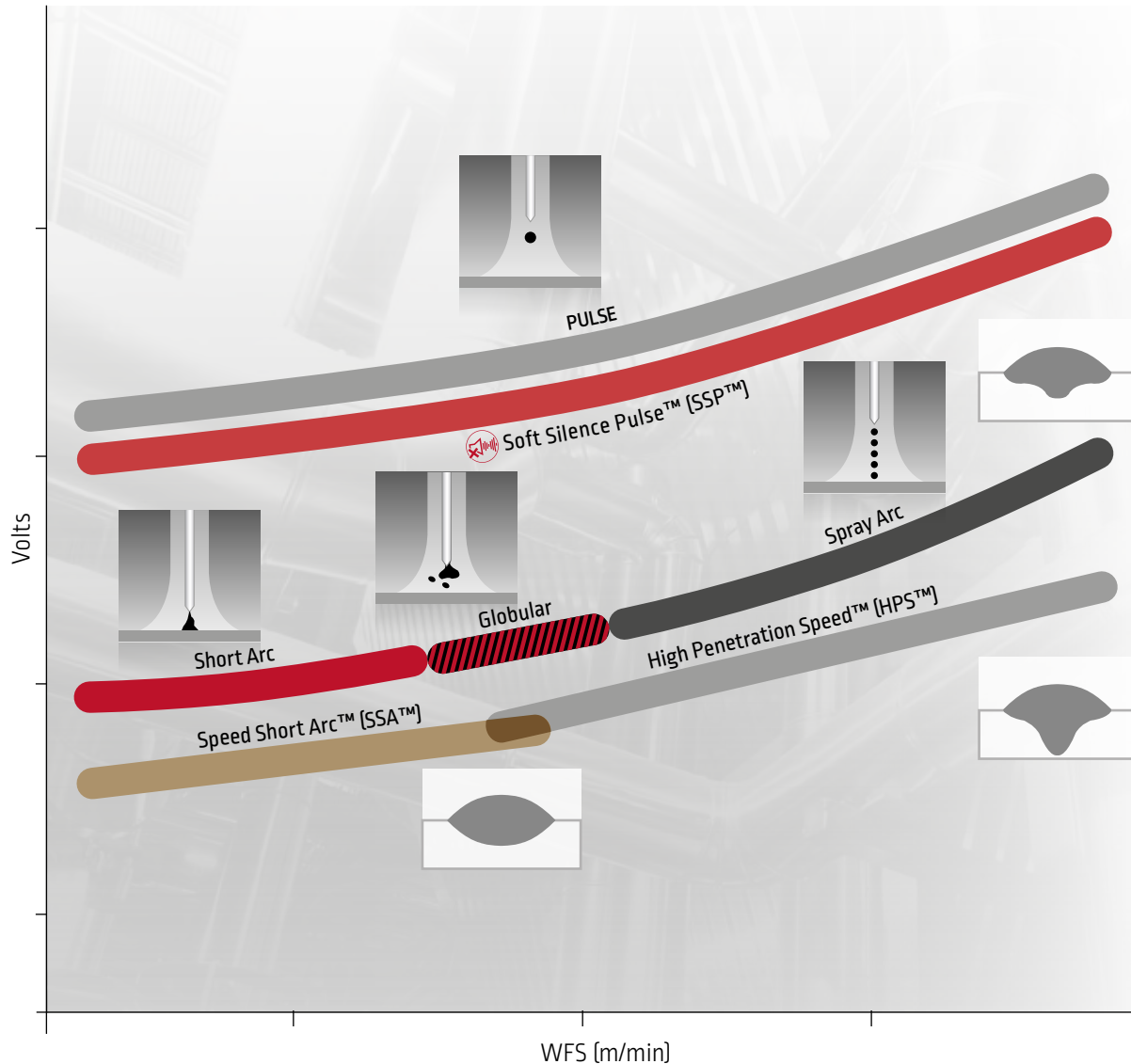


## High Penetration Speed™ (HPS™)

HPS™ (High Penetration Speed™) is a special spray mode but with a focused arc offering higher penetration and combining two different main advantages: provides lower voltage and so lower energy; very accurate and dynamic regulation of the welding parameters. This association is able to carry out very high productivity with the optimal welding performance.



# NEW MIG/MAG WELDING PROCESS TRANSFERS RESULTING IN HIGH PRODUCTIVITY



**NEW**

## SPEED SHORT ARC™ (SSA™)

– faster travel speeds\*

- Increases travel speed up to 50%\*\*
- Reduces heat input up to 20%
- Reduces distortion
- Improves out of position welds
- Designed for Carbon & Stainless Steel, thin plates 2-5 mm

UP TO  
**40%**  
COST  
REDUCTION

\* based on side by side comparison of SSA™ and standard CV mode (Short Arc)  
\*\* in automated applications

**NEW**

## HIGH PENETRATION SPEED™ (HPS™)

– increased penetration with faster travel speeds\*

- Increases penetration
- Increases travel speed up to 35%
- Reduces heat input up to 20%
- Reduces distortion
- Longer stick out applicable
- Reduces undercut effect
- Shorter preparation time
- Designed for Carbon Steel, thick plates > 6 mm

UP TO  
**30%**  
COST  
REDUCTION

\* based on side by side comparison of HPS™ and standard CV mode (Spray Arc)

**NEW**

## SOFT SILENCE PULSE™ (SSP™)

– improved arc sound\*

- Reduces arc noise up to 8 dB
- Clearly better wetting for Stainless Steel
- Reduces spatters level
- Eliminates undercut effect
- Efficient on Stainless Steel & Steel, all plate thicknesses

UP TO  
**50%**  
ARC NOISE  
REDUCTION

\* based on side by side comparison of SSP™ and standard Pulse mode

# MECHAPULSE™

**NEW**

**MECHAPULSE™** – GTAW appearance with GMAW  
Weld bead with TIG appearance productivity\*

- Increases travel speed (up 4x faster)
- Reduces heat input and distortion
- Eliminates in-line weaving
- Shorter training time
- Effortless welding in vertical up position
- Designed for Aluminum, Carbon & Stainless Steel, all thicknesses

\* based on side by side comparison of MECHAPULSE™ and standard GTAW mode



UP TO  
**50%**  
COST  
REDUCTION

# MECHAPULSE™

# CONNECT TO THE WORLD

Ethernet and compatibility with USB

## CHECKPOINT®\*

Data collection for your detailed analysis and quick decision making.

- **Alerts**
- **Traceability**  
(large quantities of weld statistics and monitor selected aspects of welding processes).
- **Production Monitoring**  
(to maximize productivity and quality of your welding operation).

- 
- Easy Data Exporting**
- Export the raw data
  - Crunch the numbers the way YOU want



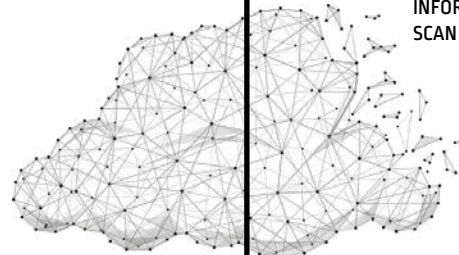
**ALERTS**



**TRACEABILITY**



**PRODUCTION MONITORING**



FOR MORE INFORMATION  
SCAN HERE



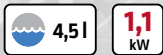
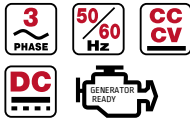
## USB CONECTIVITY

(with LF56D feeder)

- **Fully system update & diagnostics** (SnapShot).
- **Transfer settings among machines.**
- **Simple welding data collection on USB** (start time, average wire feed speed, average current, average voltage, arc time, welding mode/job number, job name).
- **Weld quality data monitoring** (data on feeder user interface screen or CSV file transfer).



# MODULAR DESIGN, FLEXIBLE CONFIGURATION

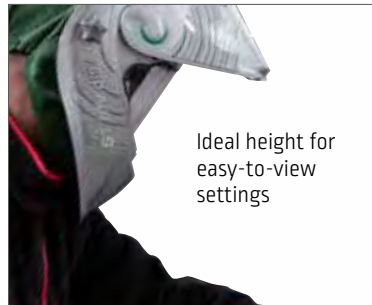


	Item type	Item description	Item number [Air]	Item number [Water]
1	Power source	Speedtec® 400SP	K14258-1	
		Speedtec® 500SP	K14259-1	
2	Hose package	Air 1 m	K14198-PG	–
		Air 3 m	K14198-PG-3M	–
		Air 5 m	K14198-PG-5M	–
		Air 10 m	K14198-PG-10M	–
		Air 15 m	K14198-PG-15M	–
		Air 20 m	K14198-PG-20M	–
		Air 25 m	K14198-PG-25M	–
		Air 30 m	K14198-PG-30M	–
		Water 1 m	–	K14199-PGW
		Water 3 m	–	K14199-PGW-3M
		Water 5 m	–	K14199-PGW-5M
		Water 10 m	–	K14199-PGW-10M
		Water 15 m	–	K14199-PGW-15M
		Water 20 m	–	K14199-PGW-20M
Water 25 m	–	K14199-PGW-25M		
Water 30 m	–	K14199-PGW-30M		
3	Feeder	LF 52D	K14335-1	
		LF 56D	K14336-1	
4	Cooler	Coolarc® 60	–	K14297-1
5	Cart	Cart 4 wheels	K14298-1	
6	MIG guns	LGS2	see accessories	
7	Option	Gas flow meter KIT	K14175-1	
8	Option	Output connection KIT (400SP / 500SP)	K14337-1	



# SUPERIOR ERGONOMICS

Cable connections on front (in standard) and back rear side (in option)  
All cable connections can easily be made without tools



Ideal height for easy-to-view settings

Simple navigation also when using welding gloves



Practical handle for effortless gripping even with gloves and safe movement of the machine

## Intermediate hose packages

- Heavy-duty protective hose and military-quality plugs
- Strain reliefs on both ends to keep connections well protected
- A wide range of lengths to choose (up to 30 m), water or air



**NEW**

## COOLARC® 60

### New stronger cooler

- Inlet on front for easy fill up
- LED lights inside reservoir for better visibility of the coolant level
- Flow sensor for gun protection
- Additional water connections on the back

# MODULAR CONCEPT MAKE EVERYDAY WELDERS WORK EASIER

**NEW**

## CART 4-WHEELS

### New Heavy Duty undercarriage

- Rubber bumpers protecting feet
- Large wheels for easily effortlessly overcome obstacles such as cables or thresholds
- Extremely reliable and stable, passed incline stability tests on 15°
- Low gas cylinder entry makes loading very easy
- Easy maneuverability and small footprint
- 4 lifting eyes for easy hook-in and safe transportation
- Quick and easy securing of the shielding gas cylinder

Rubber bumpers for feet protection

4 lifting eyes for easy hook-in and safe transportation

Rotatable wire feeder swivel on the cart enabling rotation of the wire feeder and setting it in any position



Gun holder

### Cable Management System

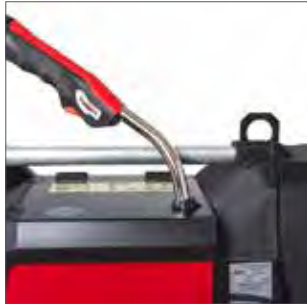
For easy transportation of the whole welding system even with very long connection cable



Low gas cylinder entry makes loading very easy



# SUPERIOR ERGONOMICS



**Front UI protection cover**  
keep your UI safe

**Gun Holder:**  
always at hand,  
ready to work

Start Time	Average WFS (mm/min)	Average current (A)	Average voltage (V)	Arc Time (h)	Mode	Job	Job (Name)
26.09.2020 21:33	149	164	21.13	35	3	-	-
27.09.2020 19:53	149	165	21.23	23	3	-	-
27.09.2020 19:55	149	163	21.35	15	3	-	-
27.09.2020 19:59	149	162	21.16	32	3	-	-
27.10.2020 10:53	6.60	215	23.6	32	12	3	Welder 1
27.10.2020 10:55	6.60	218	23.55	33	12	3	Welder 1
27.10.2020 10:58	6.60	220	23.45	31	12	3	Welder 1
27.10.2020 11:02	6.60	214	23.56	32	12	3	Welder 1
27.10.2020 11:06	6.60	219	23.3	35	12	3	Welder 1
27.10.2020 11:12	4.31	140	20.4	33	12	-	-
27.10.2020 16:15	4.31	140	20.5	15	12	-	-
27.10.2020 16:19	4.31	140	20.3	14	12	-	-
27.10.2020 16:21	4.31	140	20.35	12	12	-	-
27.10.2020 16:25	4.31	140	20.5	14	12	-	-

**NEW**

## Clock & calendar

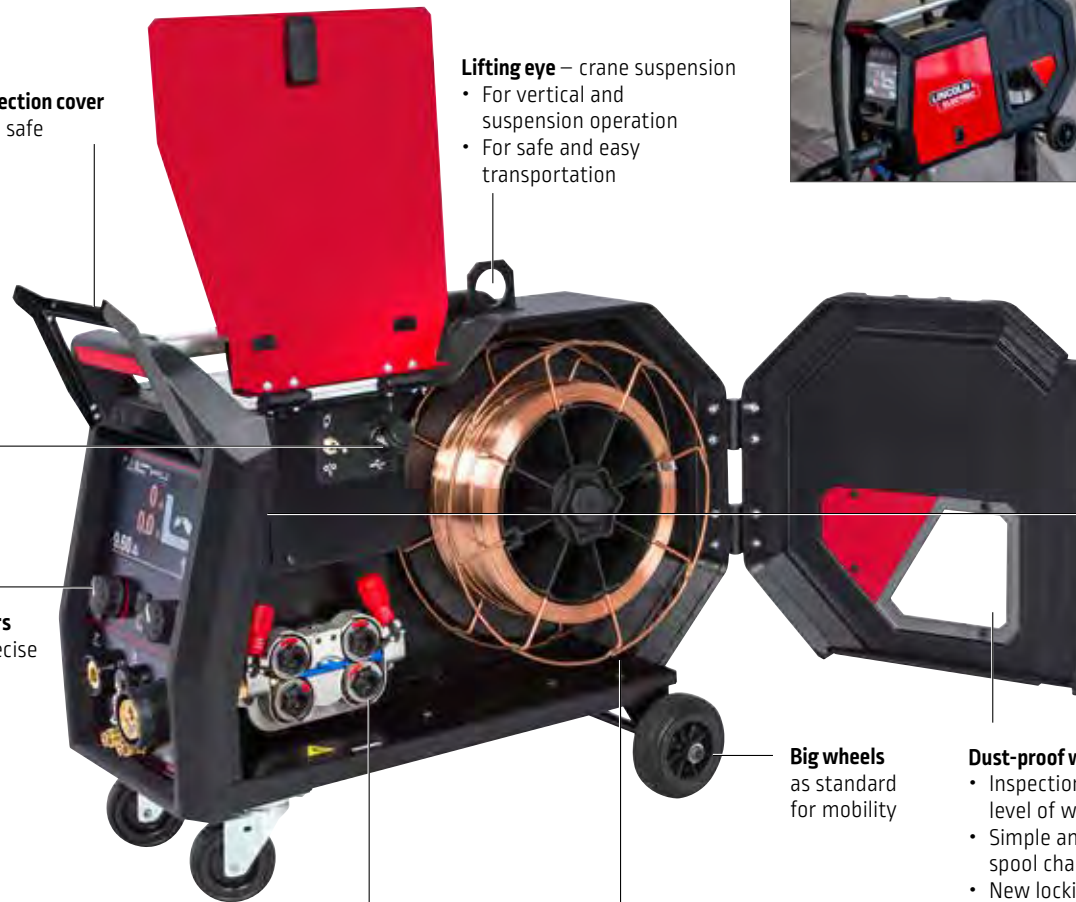
Weld quality data can also be monitored, logged and recorded using a USB



**NEW**

## Speaker

Additional audio signals when adjusting the encoders and when any improper operation is selected. Training, advertising and other video displays now also include sound



## Lifting eye – crane suspension

- For vertical and suspension operation
- For safe and easy transportation



## Flowmeter for shielding gas flow setting (option)

- Precise adjustment directly on site
- Practical especially with long hose packages

**NEW**

**New encoders**  
for more precise adjustment

## Big wheels

as standard for mobility

## Dust-proof wire spool cover

- Inspection window indicates level of wire spool
- Simple and comfortable spool change
- New locking system – spool cover stays always closed

Full access for wire spool installation

## Professional wire feeding system

- Four driven wire feed rolls
- Excellent wire feeding on every material
- Permanent internal lights



# INNOVATIVE INTUITIVE INTERFACE

- Two controls, one button for easy navigation
- Icon language for key commands
- Easy process and settings selection
- MECHAPULSE™ for obtaining high-quality scaled Weld bead
- ARCFX™ – joint visualization
- Work point in material thickness (mm) / WFS / A
- Locking function / Limits / Memories / Jobs
- Interface available in languages: English, German, French, Polish, Finnish, Spanish, Italian, Russian, Dutch, Romanian, Slovakian, Hungarian, Czech, Turkish, Portuguese

# EASY COMMUNICATION

**Auto** **AUTO-SETTINGS**  
Preset parameters to increase productivity

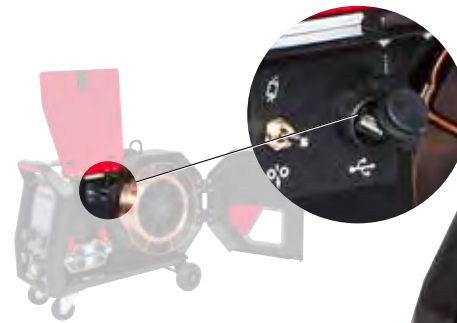
**USB CONNECTIVITY**  
Easy software update & diagnostics, weld log for quality monitoring

## MORE FUNCTIONS & FEATURES

**NEW** **SPEAKER**  
Product operation (adjusting the encoders or pressing the button) and errors signaled by a sound.

**NEW** **CLOCK & CALENDAR**  
Simple welding quality monitoring as weld log data recording on USB.

**NEW** **NEW ENCODERS**  
for more precise adjustment



**7" COLOR DISPLAY!**



Simple navigation also when using welding gloves

# STANDARD USER INTERFACE

## User memory programs & welding process change:

- Simple and quick selection by pressing the button of 4 welding programs stored in user memory or 4 welding processes [GMAW, FCAW, SMAW or GTAW]
- LEDs showing the selected process

**NEW**

**SYNERGIC  
Capability**



# BASIC SETTINGS SIMPLE IN USE

## Quick and easy access to the most commonly used welding parameters:

- **Arc Controls** (depend on the welding program)
- Torch trigger mode **2-step / 4-step**
- Wire Feed Speed **Run-in** function
- **Burn-back** time



Sticker with description of all welding program numbers available.



# LF 56D vs LF52 D

Different feeders for different needs



## WELDING PROCESSES

	GMAW / FCAW	PULSE	SYNERGIC	SSA/SSP/HPS	MECHAPULSE™	SMAW	GTAW	CAG
LF 56D	✓	✓	✓	✓	✓	✓	✓	✓
LF 52D	✓	✓	✓	✓	-	✓	✓	✓

LF 56D	Functions and features	LF 52D
7" Color TFT	UI type	LED's
✓	Speaker	-
✓	Clock and calendar	-
✓	ARC™FX (work point in A/mm)	-
✓	Display view configuration	-
✓	Auto settings	-
49	Memory / Jobs	[4+4]
✓	Limits	-
✓	Locking function	-
✓	Languages selection	-
✓	USB connectivity	-
✓	Media files (Support)	-
✓	Weld logs / History	-
✓	Cross-switch gun	-
✓	Push-Pull gun	-
✓	A/B procedure	-
✓	Quick trigger	-
✓	Software version	✓
✓	Factory reset	✓
✓	Arc Control	✓
✓	2T/4T Gun mode	✓
✓	Spot welding	✓
✓	Gas purge test	✓
✓	Cold Inch test	✓
✓	Preflow /Postflow time	✓
✓	Run-in WFS	✓
✓	Start procedure	✓
✓	Crater procedure	✓
✓	Burnback time	✓
✓	Hot Start (SMAW)	✓
✓	Arc Force (SMAW)	✓

# PERFECT FEEDABILITY

## Professional wire feeding system – robust and precise

- 4 individually driven rolls for extremely stable wire feeding for various wire types
- Aluminum housing for a long service life
- Big roll diameter (37 mm) for optimal wire feeding
- Simple, tool-free roll change
- Factory-fitted with rolls for 1,0 mm and 1,2 mm steel and stainless steel



Connection for drum feed (optional adapter).  
Less need to change wire spools saves time

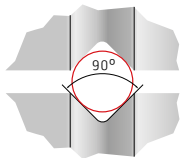
### Individually adjustable contact pressure for the front and rear roll pair

Differently set-up for aluminium, steel, stainless steel, braze, flux cored wire

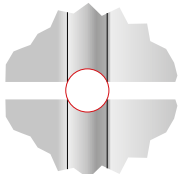
Steel	3-5
Stainless steel	
Braze	
Flux cored	2,5-3,5
Aluminium	1,5-2,5

### Wire feeder pressure set-up

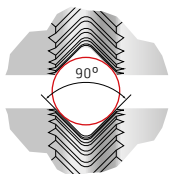
3-5	Steel
	Stainless steel
	Braze
2,5-3,5	Flux cored
1,5-2,5	Aluminium



V-groove for stainless steel, steel



U-groove for aluminium



V-groove, knurled for flux cored wire

### Color-coded for wire diameter differentiation



### New locking system, quick exchange of roll and wire guides

Simple, tool-free roll change – just few steps

- 1 Unlock the roll fastener
- 2 Unlock pressure arm
- 3 Exchange the roll



# RUGGED RELIABILITY

## High duty cycle 420A/100%

- High production efficiency
- Digital welding current control
- True HD tested – made for the harsh environmental conditions

## Inverter engine technology – ECO Friendly

- Lower power consumption thanks to high efficiency – energy cost saving
- Automatic power-saving modes [standby/shutdown function]
- Generator ready

## Lincoln Electric Industrial design – ready to use anywhere

- **Double-side fully potted PCB**
- Metal made construction
- Protection class IP23
- **5 year full parts and labor warranty\***

INDUSTRY LEADING  
**5-YEAR WARRANTY\***



# INDUSTRY COMMANDER

## Easy maintenance and servicing

Easy access to all components inside  
Software update via laptop or USB (LF 56D)

Intelligent F.A.N. (Fan As Needed)  
in the inverter

AIRFLOW

Cooling tunnel design  
– components arranged to protect against dust and dirt



\* Applies to the Speedtec power sources, 3 Years Standard Warranty + 2 Years after registration:  
[www.lincolnelectric.com/LEExtranet/ProductRegistration/PRExtWarMain.aspx](http://www.lincolnelectric.com/LEExtranet/ProductRegistration/PRExtWarMain.aspx)



# INVERTER POWER MODULE

## Durable tray mounted and potted electronics

Printed circuit boards are environmentally-shielded using Lincoln Electric's engineered encapsulation and protective frame trays.

- PCB board made at the Lincoln Electric Company
- Fully encapsulated with vertical and inverted mounting position
- Capable of surviving the harshest testing conditions
- Double-side fully potted PCB

## DOUBLE-SIDE FULLY POTTED PCB

High quality components covered on both sides with a thick layer of silicone to protect against dust and dirt which guaranteeing trouble-free operation and extended service life.

## ENERGY COST SAVING INVERTER

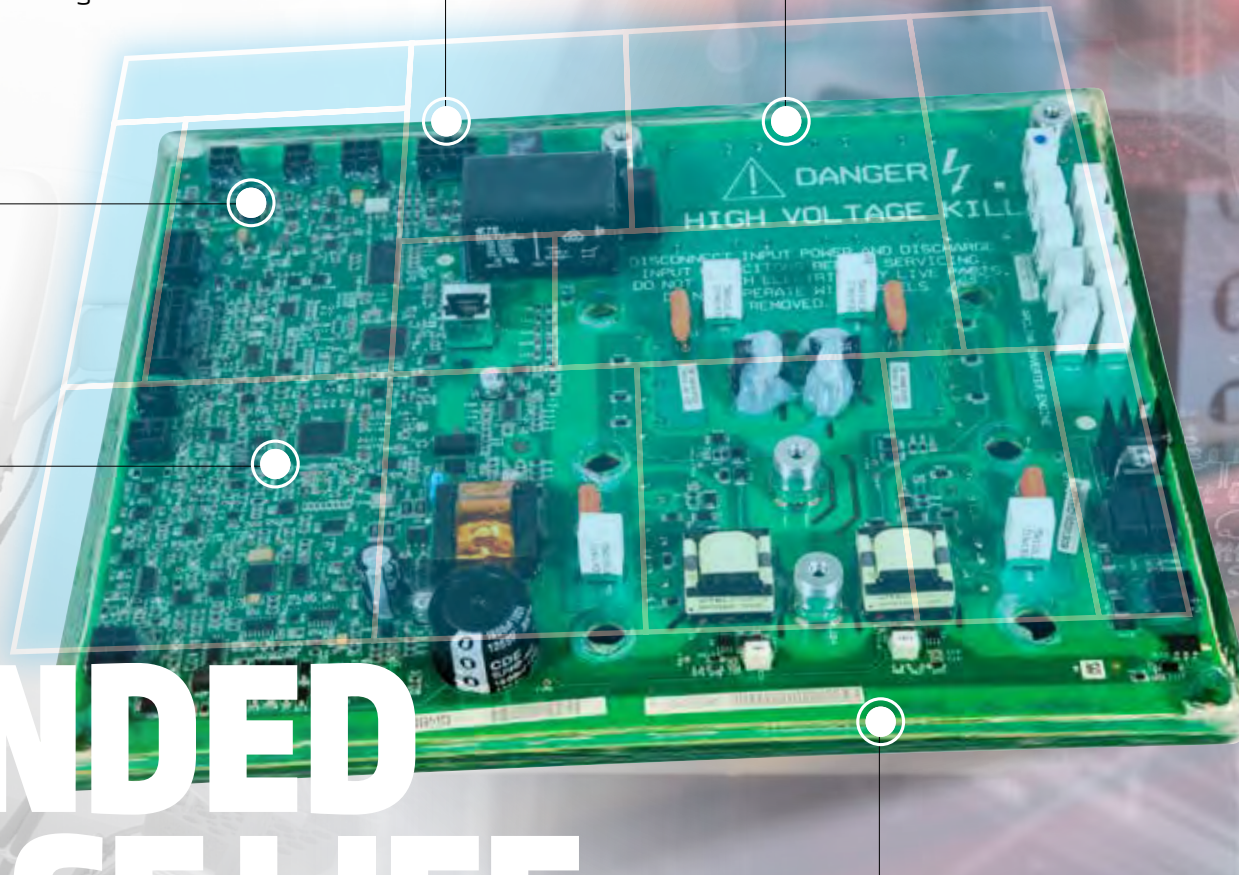
Lower power consumption thanks to high efficiency and power-saving modes (Standby and Shutdown).

## TRUE WORKHORSE

High productivity due to high duty cycle 420A@100% at 40°C ambient temperature.

## FOR ALL CONDITIONS

Fits particularly well in any environment and can be used under all climatic conditions (including rain, snow, heat and dusty) with optimal protection against metallic dust.



# EXTENDED SERVICE LIFE

# COOLARC® 60

**NEW**

- High cooling power 1,1kW@25°C
- Reservoir capacity 4,5 l
- Strong pump to support proper cooling (max. pressure 0,47MPa)
- Protection class IP23

**LED lights inside reservoir**  
for better visibility of the coolant level



**Coolant filter**  
keep coolant clean

**Simple Connection and Easy Installation**

**Flow sensor inside**  
for gun protection

**3 Modes of operation available:**  
AUTO/ON/OFF for better energy savings and extended service life



**Additional water connections on the back**  
(when the intermediate hose package is connected on the back)

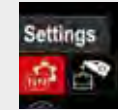


**Flow sensor ON-OFF switch**  
handy during the filling procedure

## New COOLARC® 60 cooler fully controlled by power source



Cooler menu is available when cooler is connected

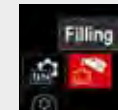
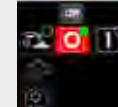
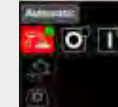


**Settings**  
3 Modes of operation available.

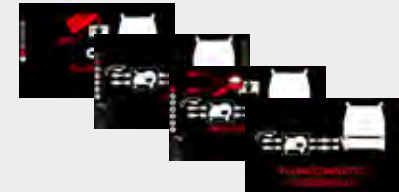
1. AUTO

2. OFF

3. ON



**Filling procedure**  
step by step detail filling instruction.

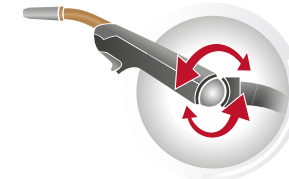


# LGS2 MIG GUNS

Simple and reliable, this range is adapted to the most common applications



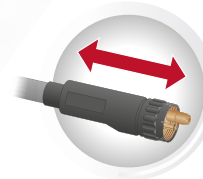
Wear parts compatible with the most common standard in Europe



Easy pivoting handle



Extra-flexible cable



Extra length rear cable support ensures smooth and consistent wire feeding



Compliant with the European requirement for MIG guns

## Choose your gun

Rating calculated using CO<sub>2</sub>

- Air cooled
- Water cooled

Series	Size	Rate	330A	350A	420A	500A
LGS2	360G	60%				
	505W	100%				

## TO ORDER

3 m	4 m	5 m
W10429-36-3M	W10429-36-4M	W10429-36-5M
W10429-505-3M	W10429-505-4M	W10429-505-5M

MODEL		AIR COOLING	WATER COOLING
		LGS2-360G	LGS2-505W
Duty cycle (CO <sub>2</sub> shielding gas)		330 A @ 60%	500 A @ 100%
Applications		Vessel manufacture, steel structures	Heavy duty, high production
Wire diameter		Up to 1,6 mm	Up to 2,4 mm
Original equipment	Contact tip	1,2 mm	1,2 mm
	Conical nozzle	16 mm	16 mm

# PUSH-PULL GUNS

Simple set-up, extended functionality



PROMIG PP\*



PROMIG PP 341 and 441W

are dedicated to welding of light alloys wires. They come as standard with a 45° neck.



PPLG405WC 8 m



### Top Features

High quality rugged linc welding gun built to Lincoln Electric standards.

Product	Item Number	Feature	Cooling	M21	CO <sub>2</sub>
PROMIG PP 341 8 m	W000385861	Pistol, Potentiometer, Plug 19-PIN	Gas	320 A @ 60%	350 A @ 60%
PROMIG PP 441W 8 m	W000385862	Pistol, Standard, Plug 19-PIN	Water	380 A @ 100%	420 A @ 100%
PROMIG PP 441W 8 m	W000385863	Pistol, Potentiometer, Plug 19-PIN	Water	380 A @ 100%	420 A @ 100%
Adapter 19-PIN/12-PIN	W100000031		-		

Product	Item Number	Feature	Cooling	M21	CO <sub>2</sub>
PPLG405WC 8 m	K10413-PPW405-8M	Pistol, Potentiometer, Plug 12-PIN	Water	350 A @ 100%	400 A @ 100%

\*PROMIG PP required adapter W100000031



# TECHNICAL SPECIFICATION

## POWER SOURCES

Product	Item number	Primary voltage	Fuse size (A)	Max. input power (kVA)	Rated output (A) at +40°C		Welding voltage range (V)	Welding current range (A)	Open circuit voltage (peak)	Temperature range		EMC class	Weight (kg)	Dimensions W x L x D (mm)	Protection class
					100%	60%				Operating	Storage				
Speedtec® 400SP	K14258-1	400V/3Ph 50/60Hz ± 15%	25	18,1	420	–	15-45	20-420	65 Vdc	-10°C to +40°C	-25°C to +55°C	A	53,5	625 x 295 x 550	IP23
Speedtec® 500SP	K14259-1		32	25		500		20-500							

## WIRE FEEDERS

Product	Item number	Gun connection	Wire feed mechanism	Feed rolls diameter (mm)	WFS (m/min)	Filler wires diameter (mm)				Wire spool weight (max) (kg)	Wire spool diameter (max) (mm)	Maximum shielding gas pressure	Temperature range		EMC class	Weight (kg)	Dimensions W x L x D (mm)	Protection class
						Fe	Ss	Mc/Fc	Al				Operating	Storage				
LF 52D	K14335-1	Euro	4-rolls, All driven, single motor	372	1,5-22	0,8 to 1,6	0,8 to 1,6	0,9 to 1,6	1,0 to 1,6	18	300	0,5 MPa	-10°C to +40°C	-25°C to +55°C	A	17,0	302 x 642 x 516	IP23
LF 56D	K14336-1					17,7												

## COOLER

Product	Item number	Cooling power @1l/min	Recommended coolant	Reservoir capacity (l)	Maximum pressure (MPa)	Temperature range		EMC class	Weight (kg)	Dimensions W x L x D (mm)	Protection class
						Operating	Storage				
Coolarc® 60	K14297-1	1,1 kW @+25°C	FREEZCOOL	4,5	0,47	-10°C to +40°C	-25°C to +55°C	A	22	663 x 291 x 224	IP23

## CART

Product	Item number	Max. gas cylinder diameter (mm)	Max. gas cylinder height (mm)	Front wheels diameter (mm)	Rear wheels diameter (mm)	Weight (kg)	Dimensions W x L x D (mm)	Other features
Cart 4 wheels	K14298-1	240	1700	125	250	36	534 x 905 x 999	Low gas cylinder entry Rubber bumpers for feet protection 4 lifting eyes for easy transportation

# ACCESSORIES

		SPEEDTEC® 400SP	SPEEDTEC® 500SP	LF 52D	LF 56D
		K14258-1	K14259-1	K14335-1	K14336-1
LF 52D	K14335-1	●	●	–	–
LF 56D	K14336-1	●	●	–	–
Coolarc® 60	K14297-1	●	●	–	–
Freezcool 9,6l	W000010167	●	●	–	–
Cart 4-Wheels	K14298-1	●	●	●	●
Output socket connection kit (SP 400SP 500SP)	K14337-1	●	●	–	–
Ground cable 400 A – 70 mm <sup>2</sup> – 5 / 10 / 15 m	GRD-400A-70-xM*	●	●	–	–
Ground cable 600 A – 95 mm <sup>2</sup> – 5 / 10 m	GRD-600A-95-xM*	●	●	–	–
Cable with electrode holder 400A / 70 mm <sup>2</sup> – 5 m	E/H-400A-70-5M	●	●	●	●
FLAIR 600 gouging torch with airflow regulated on the torch	W000010136	●	●	●	●
<b>Intermediate hose package Air</b>					
Cable pack 5-PIN G – 70 mm <sup>2</sup> – 1 / 3 / 5 / 10 m	K14198-PG-xM*	●	●	●	●
Cable pack 5-PIN G – 95 mm <sup>2</sup> 15 / 20 / 25 / 30 m	K14198-PG-xM*	●	●	●	●
<b>Intermediate hose package Water</b>					
Cable pack 5-PIN W – 95 mm <sup>2</sup> – 1 / 3 / 5 / 10 / 15 / 20 / 25 / 30 m	K14199-PGW-xM*	●	●	●	●
<b>LINC GUN™</b>					
LINC GUN™ LGS2 360 G – MIG gun air cooled – 3 / 4 / 5 m	W10429-36-xM*	–	–	●	●
LINC GUN™ LGS2 505 W – MIG gun water cooled – 3 / 4 / 5 m	W10429-505-xM*	–	–	●	●
<b>Push-Pull GUN</b>					
PROMIG PP 341 8M (Potentiometer, gas cooled) **	W000385861	–	–	–	●
PROMIG PP 441W 8M (Standard, water cooled) **	W000385862	–	–	–	●
PROMIG PP 441W 8M (Potentiometer, water cooled) **	W000385863	–	–	–	●
Adapter 19-PIN/12-PIN	W100000031	–	–	–	●
PPLG405WC 8M (Potentiometer, water cooled)	K10413-PPW405-8M	–	–	–	●
Adapter for spool type S300 (300 mm)	K10158	–	–	●	●
Adapter for spool type S300 (300 mm)	K10158-1	–	–	●	●
Adapter for spool S200 (200 mm)	R-1019-125-1/08R	–	–	●	●
Gas flow meter kit	K14175-1	–	–	●	●
Wire Feeder drum quick connector	K14204-1	–	–	●	●
Remote Control 6-PIN, 15 m (require K2909-1 adapter)	K10095-1-15M	–	–	–	●
Adapter 6-PIN/12-PIN	K2909-1	–	–	–	●
Remote MIG Cross-Switch 7 m 12-PIN	K14091-1	–	–	–	●

\* x = length (m)

\*\* require adapter W100000031



**COOLARC® 60**  
K14297-1



**FREEZCOOL**  
W000010167



**CART  
4-WHEELS**  
K14298-1

## INTERMEDIATE HOSE PACKAGE

**AIR**  
K14198-PG (1 m)  
K14198-PG-xM\*

**WATER**  
K14199-PGW (1 m)  
K14199-PGW-xM\*



# ACCESSORIES

## Roll Kit for solid wires

Roll Kit 0,6 / 0,8VT FI37 4 rolls (green / blue)	KP14150-V06/08
Roll Kit 0,8 / 1,0VT FI37 4 rolls (blue / red)	KP14150-V08/10
Roll Kit 1,2 / 1,6VT FI37 4 rolls (orange / yellow)	KP14150-V12/16
Roll Kit 1,6 / 2,4VT FI37 4 rolls (yellow / grey)	KP14150-V16/24
Roll Kit 0,9 / 1,1VT FI37 4 rolls	KP14150-V09/11
Roll Kit 1,4 / 2,0VT FI37 4 rolls	KP14150-V14/20

## Roll Kit for aluminium wires

Roll Kit 0,6 / 0,8AT FI37 4 rolls (green / blue)	KP14150-U06/08A
Roll Kit 0,8 / 1,0AT FI37 4 rolls (blue / red)	KP14150-U08/10A
Roll Kit 1,0 / 1,2AT FI37 4 rolls (red / orange)	KP14150-U10/12A
Roll Kit 1,2 / 1,6AT FI37 4 rolls (orange / yellow)	KP14150-U12/16A
Roll Kit 1,6 / 2,4AT FI37 4 rolls (yellow / grey)	KP14150-U16/24A

## Roll Kit for cored wires

Roll Kit 1,2 / 1,6RT FI37 4 rolls (orange / yellow)	KP14150-V12/16R
Roll Kit 1,4 / 2,0RT FI37 4 rolls	KP14150-V14/20R
Roll Kit 1,6 / 2,4RT FI37 4 rolls (yellow / grey)	KP14150-V16/24R
Roll Kit 0,9 / 1,1RT FI37 4 rolls	KP14150-V09/11R
Roll Kit 1,0 / 1,2RT FI37 4 rolls (- / orange)	KP14150-V10/12R

## Wire Guides

Wire Guide Set Blue 0,6-1,6	0744-000-318R
Wire Guide Set Red 1,8-2,8	0744-000-319R
Euro Wire Guide 0,6-1,6	D-1829-066-4R
Euro Wire Guide 1,8-2,8	D-1829-066-5R

## Each item contains:

- metal wire guide for Euro socket
- 4 rolls
- plastic wire guide set



ARCTECH, s.r.o.  
Komenského 18 B  
036 01 Martin, Slovensko  
| Email: [arctech@arctech.sk](mailto:arctech@arctech.sk)  
| Tel: (+421)915 269 099  
| [www.arctech.sk](http://www.arctech.sk)

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