

# YARDTEC<sup>®</sup> 300C

INTEGRATED MULTIPROCESS POWER  
SOURCE AND WIRE FEEDER

WELD WHERE OTHERS CAN'T



**LINCOLN<sup>®</sup>**  
**ELECTRIC**



### Processes

- **GMAW** Manual and Synergic
- **FCAW** Manual and Synergic
- **SMAW**
- **GTAW** (Lift TIG)
- **Gouging** (with 4mm electrode)

### Applications

- Maintenance and repair
- Shipyard
- Construction
- Shipbuilding
- Structural
- General fabrication

### Materials

- Steel
- Flux-Cored
- Stainless steel
- Aluminium

# YARDTEC® 300C STANDARD

The **YARDTEC® 300C STANDARD** is a lightweight, portable multi-process power source with an integrated wire feeder, making it an ideal solution for **shipyards** and **construction** sites. This versatile product is perfect for customers who need to perform welding in large facilities, where moving equipment, extending its range, and working in hard-to-reach areas can be challenging. Its ability to support various welding processes offers unlimited possibilities, whether for preparing large parts for further welding, conducting various repairs, or handling light standard production tasks.

## PORTABLE, LIGHTWEIGHT & SMALL SIZE

**Compact case designed for harsh welding environments with limited access.**

An ergonomically designed handle made for safe transport and handling - manually or crane-lifted by cable.





# MAIN ADVANTAGES

## Portable Powerful Machine, Inverter Technology

- 300A@30% / 200A@100% (400V)
- **Dual Voltage:** 3x230±10% and 3x400V±15%, 50/60Hz;
- **ECO Design:** High Efficiency= 88%; Idle power <= 20W
- **Lightweight only 18kg** (without spool)
- **Portable Design:** HxWxD 381x230x498mm
- **Simple** to set up and use LEDs User Interface
- **Polarity Change** no tools needed
- **Gas Flow Regulator** (installed)
- **Voltage Reduction Device** (VRD)



ONLY  
**18KG**

## YARDTEC® 300C STANDARD INCLUDES:

- Power cord (3 m) with IEC 16A/5P 400V IP44 plug
- Rolls for 1.0mm and 1.2 mm for **steel**
- Welding cable (3 m) with ground clamp
- Gas plug for connecting the gas hose
- User manual on USB-stick



## KEY SETTINGS

Wire Feed Speed setting (m/min)

Arc voltage setting (V)



Quick access to welding processes and 4 user memory programs

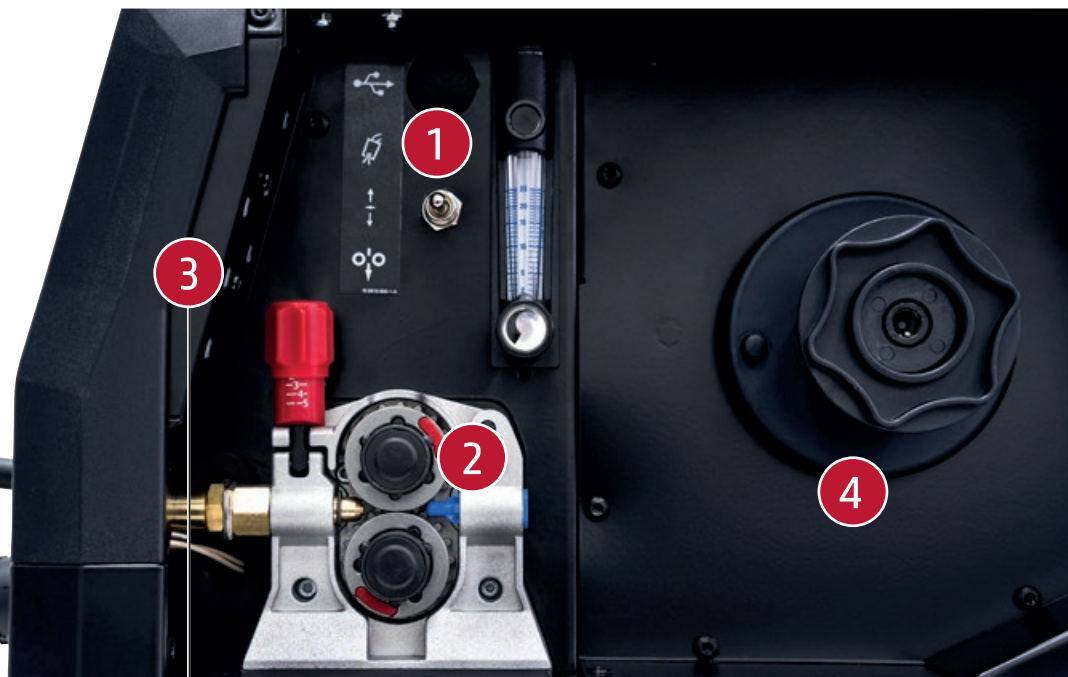
Quick access to the most commonly used welding parameters

## Technical specification

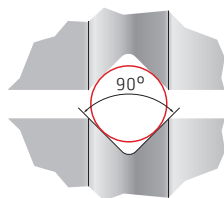
Product	Reference number	Input Voltage	Rated Output [GMAW]	Gas Flow Regulator	Wire Feed Speed [mm/min]	Wire Drive [mm]	Wire Size Range [mm]			H x W x D [mm]	Net Weight [kg]	Protection class
							Solid	Cored	Aluminium			
YARDTEC® 300C STANDARD	K14421-1	3Ph 230/400V±15%	300A/29V @ 30%	factory-installed	1.5-22	2R/37	0.6-1.2	0.9-1.2	1.0-1.2	381 x 230 x 498	18	IP23

# WIRE FEEDING & GAS MANAGEMENT

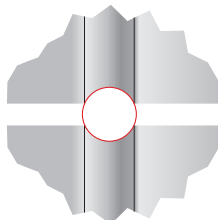
Opened with one lock side cover YARDTEC provide optimum access to the wire spool, wire drive system and gas flow regulator and protect them from dirt, dust, rain and damage



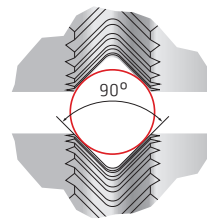
- 1 Gas Flow Regulator** for shielding gas flow setting, precise adjustment directly on site, practical especially with long hose packages
- 2 Two Roll Professional Wire Drive System**, perfect wire feeding
- 3 Internal Lighting** LEDs illuminates the wire drive and wire spool to aid operators working in dark environments
- 4 Possibility of feeding wire from a big spool or from a drum**



V-groove for steel, stainless steel wire



U-groove for aluminium wire



V-groove, knurled for flux-cored wire





# RUGGED RELIABILITY

## High production efficiency

- 30% duty cycle at 40°C
- Digital welding current control
- True HD tested – made for harsh environmental conditions

## Inverter engine technology – ECO Friendly

- Lower power consumption due to high efficiency – energy cost saving
- Automatic power-saving modes (standby/shut-down function)
- Generator ready

## Lincoln Electric Industrial design – ready to use anywhere

- Fully potted PCB
- Metal construction
- Protection class IP23
- 3 Years full parts and labour warranty



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

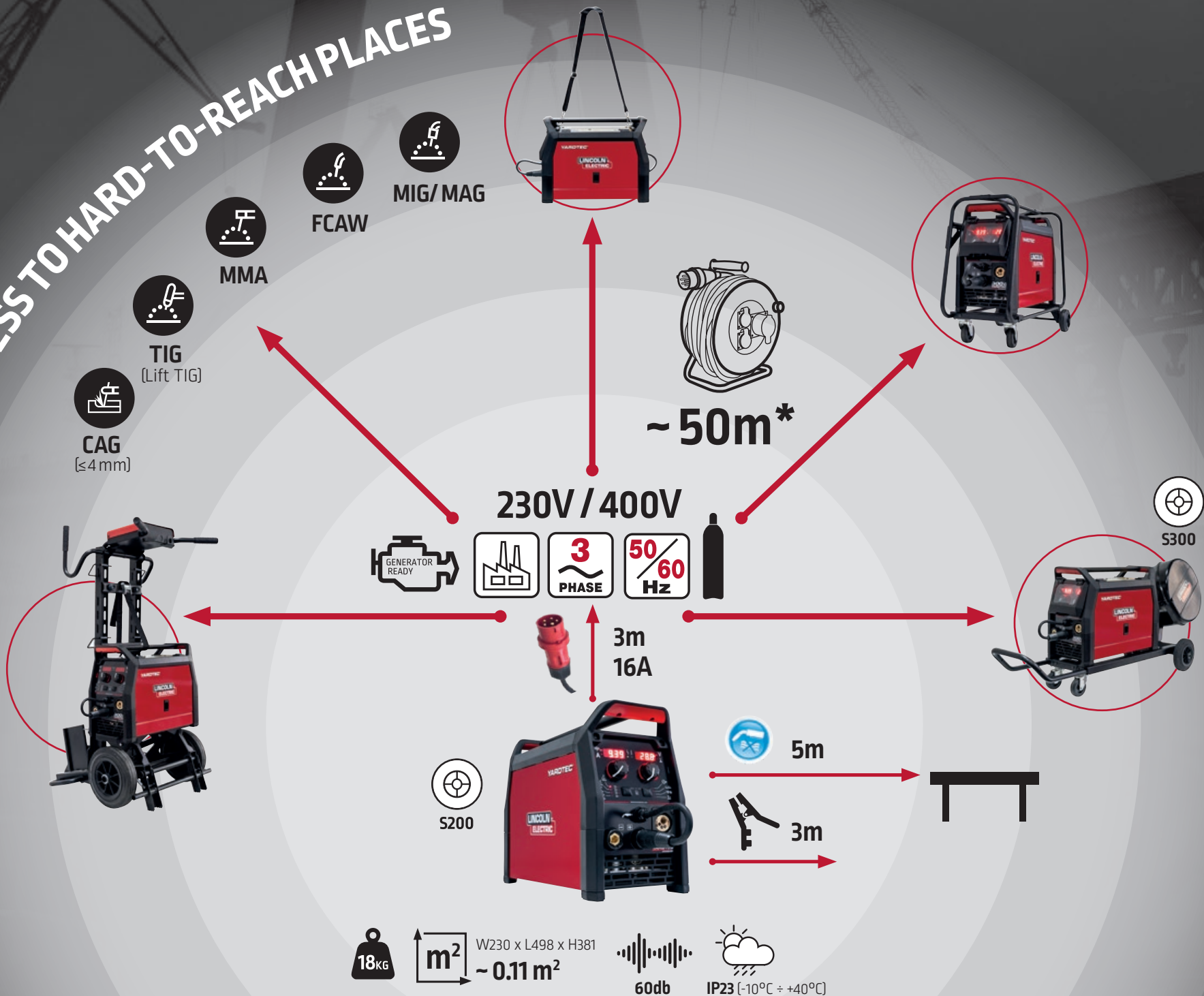


Optional Air Filter

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



GIVES ACCESS TO HARD-TO-REACH PLACES



# ACCESSORIES



**CONTROL PANEL COVER (SIZE A)**  
K14429-1



**WIRE FEEDER DRUM QUICK CONNECTOR**  
K14204-1



**SHOULDER STRAP KIT**  
K14435-1



**PROTECTIVE CAGE WHEELS KIT**  
K14431-1



**PROTECTIVE CAGE**  
K14444-1



**CART WITH SUPPORT FOR 15KG SPOOL**  
K14447-1



**AIR FILTER (YARDETEC 300C)**  
K14448-1



**ADAPTER TIG EURO**  
KP10519-8



**2W CART (required K14384-1)**  
K14191-1



**CART'S INTERFACE**  
K14384-1



**ROLL KIT FOR SOLID WIRES**  
KP14420-V06/08, KP14420-U08/10A, KP14420-U10/12A, KP14420-U12/16A

**ROLL KIT FOR CORED WIRES**  
KP14420-V10/12R, KP14420-V12/16R, KP14420-V09/11R

**WIRE GUIDES**  
KP14420-INLET/BLUE, KP14420-EURO



**LG PROMIG GUN AIR COOLED**  
W000345066-2, W000345067-2, W000345068-2, W000345072-2, W000345073-2, W000345074-2



**LGS3 360 G MIG GUN AIR COOLED**  
W10430-36-3M, W10430-36-4M, W10430-36-5M



**WTT2 TIG TORCH WITH GAS VALVE 4M AIR COOLED**  
W10529-17-4V, W000278885



**WTT2 TIG TORCH, RL HANDLE 4M AIR COOLED**  
W000278917, W000278890, W000278913, W000278884



**WTT2 TIG TORCH, EB HANDLE AIR COOLED**  
W000278919, W000382782, W000278887, W000278915, W000382784, W000382785, W000278882



**FLAIR® 600 (Gouging torch)**  
W000010136

# ACCESSORIES

K14429-1	CONTROL PANEL COVER (SIZE A)
K14204-1	WIRE FEEDER DRUM QUICK CONNECTOR
K14435-1	SHOULDER STRAP KIT
K14431-1	PROTECTIVE CAGE WHEELS KIT
K14444-1	PROTECTIVE CAGE
K14447-1	CART WITH SUPPORT FOR 15KG SPOOL
K14448-1	AIR FILTER (YARDETEC 300C)
KP10519-8	ADAPTER TIG EURO
K14191-1	2W CART (required K14384-1)
K14384-1	CART'S INTERFACE
W000010136	FLAIR® 600 (Gouging torch)

## LINGGUN® (LGS3 & PROMIG)

W10430-36-3M	LGS3 360 G 3M MIG GUN AIR COOLED
W10430-36-4M	LGS3 360 G 4M MIG GUN AIR COOLED
W10430-36-5M	LGS3 360 G 5M MIG GUN AIR COOLED
W000345066-2	LG PROMIG 300 3M MIG GUN AIR COOLED
W000345067-2	LG PROMIG 300 4M MIG GUN AIR COOLED
W000345068-2	LG PROMIG 300 5M MIG GUN AIR COOLED
W000345072-2	LG PROMIG 400 3M AIR COOLED
W000345073-2	LG PROMIG 400 4M AIR COOLED
W000345074-2	LG PROMIG 400 5M AIR COOLED

## WTT2 TIG TORCHES

W10529-17-4V	WTT2 17 TIG TORCH WITH GAS VALVE 4M AIR COOLED
W000278885	WTT2 26 TIG TORCH WITH GAS VALVE 4M AIR COOLED
W000278884	WTT2 17 TIG TORCH, RL HANDLE 4M AIR COOLED (required KP10519-8 adaptor)
W000278917	WTT2 17 TIG TORCH, RL HANDLE 8M AIR COOLED (required KP10519-8 adaptor)
W000278882	WTT2 17 TIG Torch, EB HANDLE 4M AIR COOLED (required KP10519-8 adaptor)

W000278919	WTT2 17 TIG Torch, EB HANDLE 8M AIR COOLED (required KP10519-8 adaptor)
W000382782	WTT2 17 TIG Torch, EB-FLEX HANDLE 4M AIR COOLED (required KP10519-8 adaptor)
W000278890	WTT2 26 TIG Torch, RL HANDLE 4M AIR COOLED (required KP10519-8 adaptor)
W000278913	WTT2 26 TIG Torch, RL HANDLE 8M AIR COOLED (required KP10519-8 adaptor)
W000278887	WTT2 26 TIG Torch, EB HANDLE 4M AIR COOLED (required KP10519-8 adaptor)
W000278915	WTT2 26 TIG Torch, EB HANDLE 8M AIR COOLED (required KP10519-8 adaptor)
W000382784	WTT2 26 TIG Torch, EB-FLEX HANDLE 4M AIR COOLED (required KP10519-8 adaptor)
W000382785	WTT2 26 TIG Torch, EB-FLEX HANDLE 8M AIR COOLED (required KP10519-8 adaptor)

## ROLL KIT FOR SOLID WIRES

KP14420-V06/08	ROLL KIT SW V0.6-0.8 F137 TWIN
KP14420-V08/10	ROLL KIT SW V0.8-1.0 F137 TWIN
<b>KP14420-V10/12</b>	<b>ROLL KIT SW V1.0-1.2 F137 TWIN (included)</b>
KP14420-V12/16	ROLL KIT SW V1.2-1.6 F137 TWIN
KP14420-V09/11	ROLL KIT SW V0.9-1.1 F137 TWIN

## ROLL KIT FOR ALUMINIUM WIRES

KP14420-U06/08A	ROLL KIT AW U0.6-0.8 F137 TWIN
KP14420-U08/10A	ROLL KIT AW U0.8-1.0 F137 TWIN
KP14420-U10/12A	ROLL KIT AW U1.0-1.2 F137 TWIN
KP14420-U12/16A	ROLL KIT AW U1.2-1.6 F137 TWIN

## ROLL KIT FOR CORED WIRES

KP14420-V10/12R	ROLL KIT CW 1.0-1.2 F137 TWIN
KP14420-V12/16R	ROLL KIT CW 1.2-1.6 F137 TWIN
KP14420-V09/11R	ROLL KIT CW 0.9-1.1 F137 TWIN

## WIRE GUIDES

KP14420-INLET/BLUE	INLET WIRE GUIDE 0.6-1.6 BLUE ST-2
KP14420-EURO	OUTLET SOLID WIRE GUIDE 97MM

## 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 enquiries 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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