



## TECHNICAL PARAMETERS

| Input [V] | Welding current [A]                          | Duty cycle [%] | Wire feeder                | Welding wire spool [kg]/[mm] | Wire diameter [mm] | Weight [kg] | Dimensions [mm] |
|-----------|--|----------------|----------------------------|------------------------------|--------------------|-------------|-----------------|
| 400       | MIG 10 – 300<br>TIG 10 – 300<br>MMA 10 – 300 | 60             | built-in,<br>4 - roll gear | ≤ 15 / Ø200/300              | 0.8 / 1.0 / 1.2    | 55          | 930 × 490 × 940 |

**Welding methods:** MIG/MAG synergy welding with double pulse, MIG/MAG synergy welding with puls, MIG/MAG synergy welding, MIG/MAG manual, TIG Lift, MMA.

**Additional Features:** 2T/4T / s4T / SPOT operating mode, Pre Gas, Post gas, Slow Feed, Burn Back, Spool Gun, Down Slope, Hot Start, Arc Force.



## SYNERGY PARAMETERS

## MIG SYNERGY

| WELDING WIRE         | WIRE DIAMETER (mm) | SHIELDING GAS            |
|----------------------|--------------------|--------------------------|
| Fe-metal solid-cored | 0.8 – 1.2          | CO <sub>2</sub>          |
| Fe-metal flux-cored  | 1.0 – 1.2          | CO <sub>2</sub>          |
| SS-metal solid-cored | 1.0 – 1.2          | 98%Ar+2% CO <sub>2</sub> |
| CuSi                 | 1.0 – 1.2          | Ar100%                   |

## MIG PULSE / DUAL PULSE

| WELDING WIRE         | WIRE DIAMETER (mm) | SHIELDING GAS             |
|----------------------|--------------------|---------------------------|
| Fe-metal solid-cored | 0.8 – 1.2          | 80%Ar+20% CO <sub>2</sub> |
| Fe-metal flux-cored  | 1.2                | 80%Ar+20% CO <sub>2</sub> |
| SS-metal solid-cored | 1.0 – 1.2          | 98%Ar+2% CO <sub>2</sub>  |
| CuSi                 | 0.8 – 1.2          | Ar100%                    |
| Al-Mg solid-cored    | 1.0 – 1.2          | Ar100%                    |
| Al-Si solid-cored    | 1.0 – 1.2          | Ar100%                    |
| Al 99.5 solid-cored  | 1.2                | Ar100%                    |
| SS-metal flux-cored  | 1.2                | 80%Ar+20% CO <sub>2</sub> |
| CuAl                 | 1.2                | Ar100%                    |



## DESCRIPTION

**SPARTUS® ProMIG 335DP** is high-end, modern inverter welding machine enabling: **MIG/MAG synergy welding with double pulse, MIG/MAG synergy welding with pulse, MIG/MAG synergy welding, MIG/MAG welding in manual setting mode, TIG Lift welding, MMA coated electrode welding.**

At a high 60% duty cycle, the maximum welding current is 300A. It is powered from three phase 400V source power.

A high-class, built-in four-roller feeder ensures stable welding wire feeding. **ProMIG 335DP** with a liquid cooler is mounted on a special welding cart that ensures full mobility of the set.

**MIG/MAG welding**

**ProMIG 335DP** with synergistic system for MIG / MAG welding allows to select the type and diameter of the welding wire. This makes it possible to weld: steel, stainless steel, aluminum, self-shielding wire welding and braze welding. In addition, the device has a number of functionalities supporting the welding process: **2T/4T / s4T / SPOT mode, Pre Gas, Post Gas, Slow Feed, Burn Back.**

For advanced synergic MIG welding with pulsation and MIG welding with double pulsation, it is possible to set: **delta pulse current, pulse frequency, puls duty, base current.**

MIG/MAG welding in manual setting mode makes **ProMIG 335DP** perfect machine for the most demanding user. An additional advantage is also the possibility of welding with the Spool Gun.

**TIG Lift welding**

Thanks to the solutions used, **ProMIG 335DP** also enables TIG Lift method welding with the possibility to select the operating mode of the 2T / 4T microswitch and function settings: **Down Slope** and **Post Gas.**

**MMA welding**

The process of joining metals in this method is additionally supported by functions: **Arc Force** and **Hot Start.**

**SPARTUS® ProMIG 335DP** is equipped with 10 job records, allows for quick selection of previously saved welding parameters. Modern design, bright and legible LCD function panel combined with high-class components makes **SPARTUS® ProMIG 335DP** one of the best machines in its class on the market.

**SPARTUS® Pro** line professional devices thanks to its quality, warranty and technical support are perfect for the production sector and industry.

**STANDARD:**

Cooler  
Driving set  
3m mass cable  
Gas hose  
User's manual

**PACKAGE:**

Cooler  
Driving set  
MIG gun MIG SPP 241  
3m electrode holder  
3m mass cable  
Gas hose  
User's manual

