

TESLA Approved Welders

Gas Metal Arc (GMA) Welders

The gas metal arc (GMA) welders listed below are approved for aluminum and steel GMA welding during structural repairs on Tesla vehicles:



AUTOPULSE 220-M3

AUTOPULSE 220-M3 is the MIG / MAG pulsed generator with 3 integrated wire feeders ideal for carbody repairers. Equipped with a digital PFC (Power Factor Correction) the Autopulse supplies pulsed welding quality comparable to three-phase products. Designed for highest performance the 220-M3 features several synergic curves which enables exceptional arc quality. The Autopulse 220-M3 is incredibly versatile, 3 welding torches for use with multiple materials including Steel, Aluminium and Brazing (CuSi3/CuAl8) increase productivity for the modern day workshop. The intuitive interface and high precision wire feed are ideal for car-body applications with exceptional welding quality even when used with thin sheet materials.

Approved for:  Model S  Model X  Model 3  Model Y



NEOPULSE 300-T2

As a double pulse MIG/MAG 270 A welding machine, the NEOPULSE 300-T2 features connectors for PUSH PULL and SPOOLGUN torches. The two integrated wire feeders enable the use of two wire types consecutively. It also features two 4 m³ bottle supports in order to use two different types of gas. Combining power and ergonomics, the NEOPULSE 300-T2 offers unrivalled welding quality for car body workshops.

Approved for:  Model S  Model X  Model 3  Model Y

Squeeze-Type Resistance Spot (STRS) Welders

The squeeze-type resistance spot (STRS) welders listed below are approved for steel resistance spot welding during structural repairs on Tesla vehicles:



GYSPOT INVERTER PTI-S7

The Gyspot PTI Evolution is the ideal answer to the welding requirements of High Strength Steels (UHSS/boron), with a clamping force of 550 daN with 8 bars air pressure, and a welding current that can reach 14 500 A. Its C clamp integrates a high-tech transformer and the machine also brings a solution to limited power supply issues, as it can operate with 20 A fuse only. Its operation is extremely easy thanks to the automatic welding parameters setting in AUTO mode.

Approved for:  Model S  Model X  Model 3  Model Y