



AKGEC-Fronius

ADVANCE WELDING TECHNOLOGY
AND RESEARCH CENTRE

AccuPocket SMAW Portable System



AccuPocket welding machines are battery operated systems coupled with intelligent charger ushering in a new and unprecedented era of mobile welding at remote locations. There no longer has to be mains power nearby. Jobs needing up to six 3.25 mm electrodes or up to eighteen 2.5 mm ones can be welded autonomously on full charge. For more substantial welding applications, a small, compact 2 kVA generator is sufficient, without any limitations on the welding power or the quality of the arc. It welds all types of electrode (rutile, basic, cellulosic and special purpose electrodes) up to a diameter of 3.25 mm. Carbon steels, high-alloy steels and aluminium are all suitable base metals. It is also equipped with "AccuBoost technology", which gives marked improvements in the ignition properties, arc stability and arc dynamics.

Machine Specification

Rated Voltage of battery	: 52.8 V	Duty cycle	: 60 % duty cycle @ 60 A
Charging Current	: 10 A - 18 A	Open-Circuit Voltage	: 90 V
Battery Capacity	: 396 Wh	Ingress Protection Rating	: IP 23
Battery type	: Lithium ion	Type of cooling	: AF
Welding Current	: 10 - 140 A	Weight	: 2 kg