

# NEOSAW Series



## FULL DIGITAL INVERTER DC, AC/DC SAW WELDING MACHINE!

**SAW welding system that can control weld penetration, deposition and produce AC/DC output**

### In the same welding conditions, weld penetration & weld deposition is controllable

- ▶ Maximized weld-deposition as FULL DIGITAL control system effectively control same energy per 1 cycle

### AC/DC output & CC/CV control

- ▶ Enable single welding machine to produce AC/DC output and control CC/CV characteristic

### Stable output regardless of change in input voltage

- ▶ Output voltage is constant even when input voltages change ( $\pm 10\%$ )

### 50% reduction in energy consumptions, compared to existing analog type

- ▶ Increased power consumption efficiency by inverter control

### Light weight by adopting inverter

- ▶ 50% lighter than existing analog welding machine



### Recommended welding consumables (HYUNDAI)

- ▶ SAW S-707 X L-8
- ▶ SAW S-800P X M-12K

MODEL	NEOSAW DC 1200S	NEOSAW AC/DC 1200S
INPUT VOLTAGE	3P 440V $\pm 10\%$ , 50/60Hz	3P 440V $\pm 10\%$ , 50/60Hz
RATED POWER	66kVA	66kVA
MAX. OPEN CIRCUIT VOLTAGE	~80V	~82V
RATED OUTPUT CURRENT	1200A	1200A
RATED OUTPUT VOLTAGE	50V	50V
RATED OUTPUT CURRENT RANGE	400~1200A	400~1200A
RATED OUTPUT VOLTAGE RANGE	16~50V	16~50V
DUTY CYCLE	80%	80%
CONTROL METHOD	PWM INVERTER CONTROL	PWM INVERTER CONTROL
CONTROL MODE	CV, CC	CV, CC
FREQUENCY	0	10~100Hz
WEIGHT	320kg	350kg
DIMENSION (WxDxH)	550×965×1460 (1520)	550×965×1460 (1520)