NVM 250HF/300HF

MIG/MMA
LIFT TIG/HF TIG

FEATURES AND ADVANTAGES

- On wheel IGBT digital inverter multi-process welders for 3phase light industrial use.
- Come with MIG/MMA /LIFT TIG/HF TIG process, 4 in 1 machine.
- An all-new interface called HDVision is applied with new welding experience.
- Synergic control, automatically matching optimal welding parameters, including materials, cables, gases, etc.
- Flexible remote control is optional.
- Available for 5kgs/15kgs spool, optimized welding performance for carbon steel, stainless, Cusi, Aluminum etc.
- Boosting HF arc starting, over 99% successful arc ignition rate.
- "HG-DELTARC" waveform control technology, the welding speed can be 20% faster than regular machines.
- "Soft-Arc" HF start technology,which is suitable for thin metal welding and spot welding.
- With LED light in the chamber of the wire feeder.

PRODUCT PARAMETERS

MODEL NAME	NVM 250HF	NVM 300HF
Input Power(V)	400	400
Max Input Current(A)	13.5	16
Rated Open Circuit Voltage(V)	66	66
Welding Current Range(A)	MIG30-250/MMA30-200/TIG10-250	MIG30-300/MMA30-250/TIG10-300
Rated Output(A) (20°C) / (40°C)	80%60%@250	60%40%@300
Weight (kg)	52	52
LxWxH (mm)	1000X460X700	1000X460X700

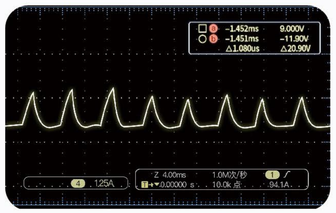
NVM 250 HF / NVM 300 HF

MULTIPLE WELDING PROCESS

- Digital waveform technology,truly achieving multiple welding process including MIG, MMA, HF TIG, LIFT TIG with optimized performance.
- Utilizes a 32-bit Cortex M4 chip that can perform 500,000 operations per second, accessing 210,000 process databases, and conducting 20,000 hours of process verification for the most precise control of welding performance.

ROBUST DESIGN

- Combines a clean-sheet industrial robust design.
- The machine is designed with robust wheel for easy moving, and gas cylinder carriage for compact installation.
- the machines are conducted the complete testing including LVD, EMC, Vibration, IP, dropping test etc.

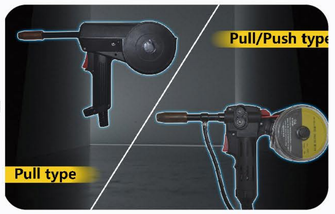


"HG-DELTARC" WAVEFORM CONTROL TECHNOLOGY

- When short circuit transfer during welding , a 120-140Hz transfer frequency will be 'appeared to make arc more concentrate and stable, and then the welding speed can be 20% faster than regular machines.

SYNERGIC MIG WELDING

- Low splash function: Fine control of the droplet transfer process, yielding precise heat input and weld formation.
- Intelligent functionality: Automatically matching optimal welding parameters, including materials, cables, gases, etc.
- Expert mode: Deep parameter settings with 99 welding process channels.
- Spool gun function is optional.



WITH LED LIGHT IN THE CHAMBER OF THE WIRE FEEDER

- Increase visibility.
- Facilitate troubleshooting.
- Improve welding accuracy.
- Adapt to multiple work scenarios.
- Increase job security

FLEXIBLE REMOTE CONTROL IS OPTIONAL

- Remote control of welding torch.
- Bluetooth wireless remote control.
- High precision electronic foot pedal.