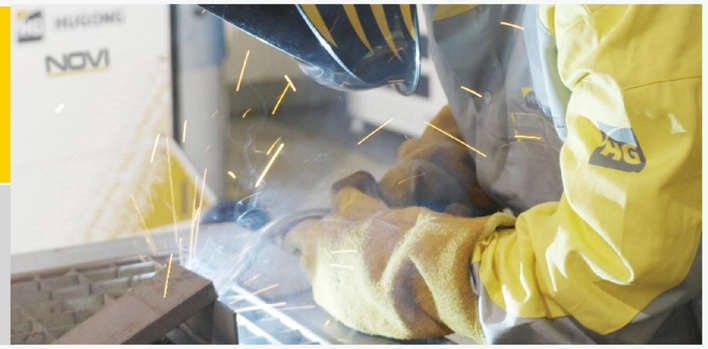
NVM 200HF/203HF PFC

MIG/MMA LIFT TIG/HF TIG



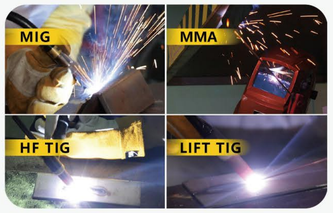
FEATURES AND ADVANTAGES

- Portable IGBT digital inverter multi-process welders.
- Come with MIG/MMA /LIFT TIG/HF TIG process, 4 in 1 machine.
- PFC modular is available to help machine to attain wider input volts from 95v-275v.
- An all-new interface called HDVision is applied with new welding experience.
- Come with complete protection function including power indicator, thermal protection to protect the machine,can be customized.
- Synergic control, automatically matching optimal welding parameters, including materials, cables, gases, etc.
- Flexible remote control is optional.
- Available for 1kg/5kgs spool, optimized welding performance for carbon steel, stainless, Cusi, Aluminum etc.
- Boosting HF arc starting, over 99% successful arc ignition rate.
- With Automatic Speech Recognition on wireless remote control box.

PRODUCT PARAMETERS

MODEL NAME	NVM 200HF	NVM 203HF PFC
Input Power(V)	230	230
Max Input Current(A)	36	27
Rated Open Circuit Voltage(V)	65	76
Welding Current Range(A)	MIG30-200/MMA20-180/TIG15-200	MIG30-200/MMA10-200/TIG20-175
Rated Output(A) (20°C) / (40°C)	30%20%@200	40%20%@200A
Weight (kg)	16	17.8
LxWxH (mm)	538X241X402	538X241X402

NVM 200HF / NVM 203HF



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

PFC TECHNOLOGY (NVM203HF ONLY)

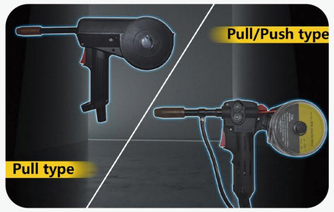
- To enable to accept 95-275volts input automatically.
- To reach 0.93-0.99 power factor to improve energy utilization efficiency.

ROBUST DESIGN

- Combines a clean-sheet industrial robust design
- The machine is designed with cable storage; cable wrapping, screen protection and strong aluminum handle for convenience and reliable use.
- the machines are conducted the complete testing including LVD, EMC, Vibration, IP, dropping test etc

USER-FRIENDLY UI

- These HDVision LCD screen are available in up to 5-inch size, featuring easy parameter-setting within only 2 steps.
- Can even upgrade to a touch-screen for a new welding experience.



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.

FULL FUNCTION IN TIG/MMA MODE/HF TIG

- Arc force, hot start, anti-sticking function for better welding
- Optional cellulosic electrode welding
- HGLift TIG technology, when lift TIG, recognizes short-circuit conditions and auto-adjusts arc length, to eliminate welding defects.
- Boosting HF arc starting, over 99% successful arc ignition rate.