AGW Series
Two Stage – Gasoline – 20-Gallon, 30-Gallon or Base-Mount

Compressor Pump:
- Splash lubricated
- Stainless-steel braided discharge hose
- Large canister intake filter
- Oil level sight indicator

Generator:
- Brush-type 2 pole 120V/240V alternator
- Total harmonic distortion (THD) less than 6%
- 100% copper windings

Welder:
- Amperage selection switch, 170A or 220A maximum

Frame:
- Powder coated ASME coded receiver tanks (Not available on AGW-SM14-B)
- 16-gauge powder coated belted guard
  (14-gauge on AGW-SH22-20M)

Components:
- Regulator and two gauges for tank and outlet pressure
- Manual drain valves for proper maintenance
- 16½-inch fly wheel

Limited Warranties:
- 1 year Mi-T-M engine
- 2 year alternator
- 2 year pump exchange
  (see page 77 for more information)
- 3 year Honda engine

Certification:
- ASME Boiler and Pressure Vessel Code - UM (20 and 30-gallon models)

AGW Series Operation

Generator Mode
- AC current only
- Selector switch set to idle down
- Switch is set to full throttle

Welder Mode
- DC current only
- Engine must be running full throttle
- Selector switch must be set to full throttle

Maximum performance in a single machine, the air compressor, generator, welder combination can tackle any job in the shop or in the field. It is the ideal piece of equipment for heavy duty mechanics and industrial equipment repairs in construction, mining, logging and oil and gas industries.
## AGW Series

### Two Stage – Gasoline – 20-Gallon, 30-Gallon or Base-Mount

#### Accessories & Options:

<table>
<thead>
<tr>
<th>PART NUMBER</th>
<th>DESCRIPTION</th>
<th>FITS MODELS</th>
</tr>
</thead>
<tbody>
<tr>
<td>70-0358</td>
<td>Engine oil drain extension</td>
<td>Mi-T-M engine models</td>
</tr>
<tr>
<td>AW-6000-1002</td>
<td>Equipment cover</td>
<td>Mi-T-M engine models</td>
</tr>
<tr>
<td>AW-6000-1003</td>
<td>Equipment cover</td>
<td>AGW-SH22-20M</td>
</tr>
<tr>
<td>AX-0070</td>
<td>Battery tray, box and 2-ft. of cables</td>
<td>Mi-T-M engine models</td>
</tr>
<tr>
<td>IX-0001</td>
<td>Vibration isolator pads - Isolators protect the unit from vibration during use. Recommended for models that are mounted in service truck applications</td>
<td>AGW-SH22-20M &amp; AGW-SM14-30M</td>
</tr>
</tbody>
</table>

### Specifications

<table>
<thead>
<tr>
<th>MODEL NO.</th>
<th>AGW-SH22-20M</th>
<th>AGW-SM14-30M</th>
<th>AGW-SM14-B</th>
</tr>
</thead>
<tbody>
<tr>
<td>ENGINE</td>
<td>Engine oil drain extension Mi-T-M engine models</td>
<td>Engine oil drain extension Mi-T-M engine models</td>
<td>Engine oil drain extension Mi-T-M engine models</td>
</tr>
<tr>
<td>RATED SPEED</td>
<td>3600 RPM</td>
<td>3600 RPM</td>
<td>3600 RPM</td>
</tr>
<tr>
<td>COMPRESSOR</td>
<td>CFM @ 90 PSI</td>
<td>CFM @ 175 PSI</td>
<td>COMPRESSOR</td>
</tr>
<tr>
<td></td>
<td>30.5</td>
<td>29.0</td>
<td>Two stage, cast iron</td>
</tr>
<tr>
<td></td>
<td>16.4</td>
<td>15.7</td>
<td>Two stage, cast iron</td>
</tr>
<tr>
<td></td>
<td>16.4</td>
<td>15.7</td>
<td>Two stage, cast iron</td>
</tr>
<tr>
<td></td>
<td>20-gallon receiver tank</td>
<td>30-gallon receiver tank</td>
<td>Not applicable – base-mount model</td>
</tr>
<tr>
<td>GENERATOR</td>
<td>MAX. AC OUTPUT</td>
<td>5000 watts</td>
<td>5000 watts</td>
</tr>
<tr>
<td></td>
<td>RATED AC OUTPUT</td>
<td>4500 watts</td>
<td>4500 watts</td>
</tr>
<tr>
<td></td>
<td>CONT. ON-LOAD @ 90 PSI</td>
<td>4500 watts</td>
<td>3000 watts</td>
</tr>
<tr>
<td></td>
<td>CONT. ON-LOAD @ 175 PSI</td>
<td>2500 watts</td>
<td>2500 watts</td>
</tr>
<tr>
<td></td>
<td>FREQUENCY/VOLTAGE</td>
<td>60Hz/120V/240V</td>
<td>60Hz/120V/240V</td>
</tr>
<tr>
<td></td>
<td>MAX. AMPS (120V/240V)</td>
<td>41.5/20.8</td>
<td>41.5/20.8</td>
</tr>
<tr>
<td></td>
<td>CONT. AMPS (120V/240V)</td>
<td>37.5/18.8</td>
<td>37.5/18.8</td>
</tr>
<tr>
<td></td>
<td>RECEPTACLES</td>
<td>(2) 120V, 20A GFCI duplex (1) 120V/240V, 20A twist lock</td>
<td>(2) 120V, 20A GFCI duplex (1) 120V/240V, 20A twist lock</td>
</tr>
<tr>
<td>WELDER</td>
<td>DUTY CYCLE (10 MIN. RUN TIME)</td>
<td>220A @ 40%, 190A @ 60%, 150A @ 100%</td>
<td>150A @ 100%</td>
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<tr>
<td></td>
<td>DC VOLTAGE</td>
<td>50-220A working range</td>
<td>50-170A working range</td>
</tr>
<tr>
<td>MISCELLANEOUS</td>
<td>FUEL TANK</td>
<td>10-gallon</td>
<td>1.85-gallon</td>
</tr>
<tr>
<td></td>
<td>DIMENSIONS (LxWxH)</td>
<td>47x24x50in.</td>
<td>46x22x47in.</td>
</tr>
<tr>
<td></td>
<td>SHIP WT.</td>
<td>870 lb.</td>
<td>650 lb.</td>
</tr>
<tr>
<td></td>
<td>NET WT.</td>
<td>803 lb.</td>
<td>585 lb.</td>
</tr>
</tbody>
</table>

*Equipped with 150-PSI maximum rated regulator.
Uses & Benefits

Uses for an Air Compressor/Generator/Welder Combination Unit

Air Compressor
- Impact wrenches, grinders, drills and nailers
- Shops
- Tires
- Sandblasters
- Paint sprayers
- Air/hydraulic pumps
- Air tools
- Air jacks
- Grease pumps

Generator
- Jobsites
- Power tools
- Offices
- Farms
- Industrial plants
- Homes
- Battery chargers
- Fans
- Electric/hydraulic pumps
- Saws, drills and grinders
- Mobile lights

Welder
This stick welder will work for construction or field repairs with the following materials:
- Carbon steel
- Stainless-steel
- Low and high alloy steel
- Ductile iron
- Cast iron

Benefits of an Air Compressor/Generator/Welder Combination Unit
- Compressor/generator/welder combinations offer convenience - you can operate air tools and at the same time power lights or weld in your work area
- Save money by purchasing one combination unit instead of an air compressor, generator and welder separately
- Offers a relatively small footprint compared to owning three pieces of equipment
- Only one unit to maintain, therefore saving time and money on troubleshooting and parts
- Used in remote locations where air, power and welding are required but not available
- Travels well - the stationary models can be mounted on the back of a service truck or work trailer
- The 20-amp outlets can run a small wire-feed welder typically used on farms
- Commonly used in the following industries/applications:
  - Agricultural
  - Construction
  - Auto service industry/roadside assistance
  - Virtually any service truck that repairs equipment in the field, on a farm or construction site