

Benefits



AIR COMPRESSOR/GENERATOR/WELDER COMBINATION

Uses for an air compressor/generator/welder combination:

Air Compressor

- ✓ Impact wrenches, grinders, drill and nailers
- ✓ Shops - Air
- ✓ Tires - Air
- ✓ Sand blasters
- ✓ Paint sprayers
- ✓ Air/hydraulic pumps
- ✓ Air tools
- ✓ Air jacks
- ✓ Grease pumps

Generator

- ✓ Jobsites
- ✓ Power tools
- ✓ Plants
- ✓ Offices
- ✓ Farms
- ✓ Homes
- ✓ Battery chargers
- ✓ Fans
- ✓ Electric/hydraulic pumps
- ✓ Saw, drill and grinders
- ✓ Mobile lights

Welder

This stick welder will work for construction or field repair with the following materials:

- ✓ Carbon steel
- ✓ Stainless-steel
- ✓ Low and high alloy steel
- ✓ Ductile iron
- ✓ Cast iron



The benefits of an air compressor/generator/welder combination:

- Compressor/generator/welders offer convenience - you can operate air tools and at the same time power the 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.
- Handy for remote locations where air, power and welding are all required but not available.
- Travels well. They can be mounted on the back of a service truck or work trailer, utilizing a minimum amount of space while keeping your equipment in service.
- Particularly useful in the following industries/applications:
 - Agricultural
 - Construction
 - Auto service industry/Road-side assistance
 - Virtually any service truck that repairs equipment in the field or on the farm or construction site

Two Stage Gasoline

AIR COMPRESSOR/GENERATOR/WELDER COMBINATION

Save space, save money and reduce your load capacity with this combination unit.

With only one engine, you will save time on service parts and maintenance.



AGW-SH22-20M

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

Compressor Pump

- ✓ Stainless-steel braided discharge hose

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 max.

Frame

- ✓ Powder coated ASME coded receiver tanks (not available on AGW-SR14-B)
- ✓ 14-gauge powder coated belt guard

Components

- ✓ Regulator and two gauges for tank and outlet pressure
- ✓ 16.5-inch fly wheel
- ✓ Manual drain valves for proper maintenance

Two Stage Gasoline

AIR COMPRESSOR/GENERATOR/WELDER COMBINATION



AGW-SR14-B

MODEL NUMBER	AGW-SH22-20M	AGW-SR14-30M	AGW-SR14-B
ENGINE			
DISPLACEMENT/ENGINE	688cc Honda OHV with electric start (cables are included, battery not included)	404cc Subaru OHC with electric start (battery and cables not included)	404cc Subaru OHC with electric start (battery and cables not included)
RATED SPEED	3600 RPM	3600 RPM	3600 RPM
COMPRESSOR			
CFM @ 90 PSI	30.5	16.4	16.4
CFM @ 175 PSI*	29.0	15.7	15.7
CRANKCASE	Splash lubricated cast iron	Splash lubricated cast iron	Splash lubricated cast iron
CYLINDER	Cast iron	Cast iron	Cast iron
TANK SIZE	20-gallon receiver tank	30-gallon receiver tank	Not applicable - base-mount model
GENERATOR			
MAX. AC OUTPUT	5000 watts	5000 watts	5000 watts
RATED AC OUTPUT	4500 watts	4500 watts	4500 watts
ALTERNATOR WATTAGE			
CONT. ON-LOAD @ 90 PSI	4500 watts	3000 watts	3000 watts
CONT. ON-LOAD @ 175 PSI	4500 watts	2500 watts	2500 watts
FREQUENCY/VOLTAGE	60Hz/120V/240V	60Hz/120V/240V	60Hz/120V/240V
MAX. AMPS (120V/240V)	41.5/20.8	41.7/20.8 off-load	41.7/20.8 off-load
CONT. AMPS (120V/240V)	37.5/18.8	37.5/18.7 off-load	37.5/18.7 off-load
RECEPTACLES	(2) 120V, 20A GFCI duplex 120V/240V, 20A twist lock	(2) 120V, 20A GFCI duplex 120V/240V, 20A twist lock	(2) 120V, 20A GFCI duplex 120V/240V, 20A twist lock
WELDER			
DUTY CYCLE (10 MIN. RUN TIME)	220A @ 40%, 190A @ 60%, 150A @ 100%	150A @ 100%	150A @ 100%
DC VOLTAGE	50-220A working range	50-170A working range	50-170A working range
MISCELLANEOUS			
FUEL TANK	10-gallon	1.85-gallon	1.85-gallon
DIMENSIONS (LxWxH)	47x24x50in.	46x22x47in.	49x22x28.5in.
SHIP WT.	870 lb.	650 lb.	449 lb.
NET WT	803 lb.	585 lb.	384 lb.

*Equipped with 150-PSI maximum rated regulator.