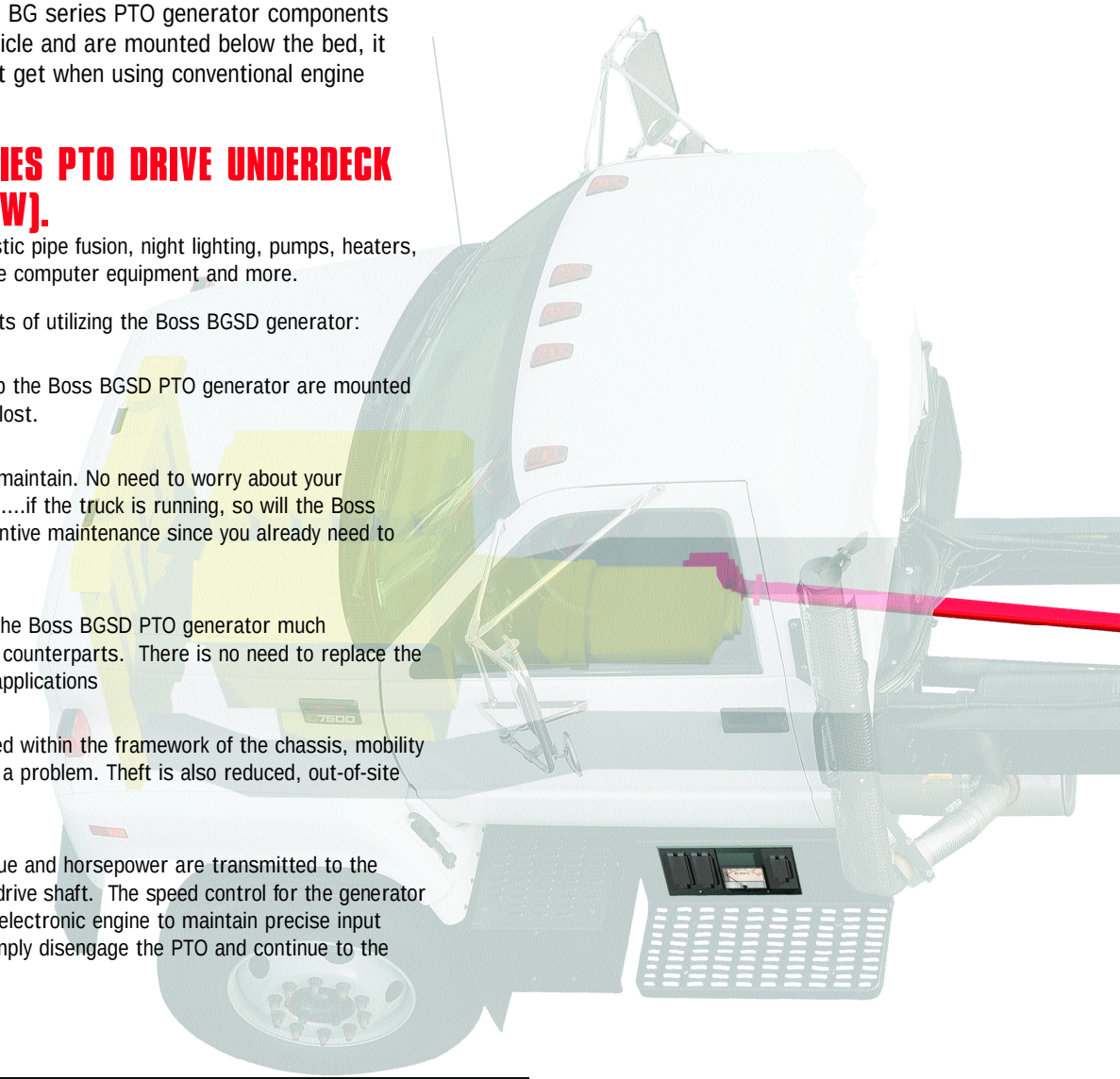
# BG POWERMAX SERIES

## PTO DRIVE UNDERDECK GENERATORS (6.2-10.0 KW).

BOSS®

The Leader in Rotary Air Compressor Technology.

When you utilize a Boss BG series PTO generator on your crew trucks you gain a decisive edge. Because the BG series PTO generator components become an integral part of the vehicle and are mounted below the bed, it offers many advantages you cannot get when using conventional engine driven generators or invertors.



## BOSS MODEL BGSD SERIES PTO DRIVE UNDERDECK GENERATOR (6.2-10.0 KW).

The Boss model BGSD is ideal for plastic pipe fusion, night lighting, pumps, heaters, heating irons, electrical tools, sensitive computer equipment and more.

Here are a few examples of the benefits of utilizing the Boss BGSD generator:

### Takes up no bed space.

Because the components that make up the Boss BGSD PTO generator are mounted under deck, valuable bed space is not lost.

### Only one engine to maintain.

The vehicles engine is the only one to maintain. No need to worry about your generator starting once at the job site....if the truck is running, so will the Boss BGSD PTO generator. Simplifies preventive maintenance since you already need to service the trucks engine anyway.

### Fewer parts.

Fewer components make maintaining the Boss BGSD PTO generator much simpler compared to its engine driven counterparts. There is no need to replace the chassis alternator similar to inverter applications

### Mobility.

Since the Boss BGSD is neatly mounted within the framework of the chassis, mobility through congested traffic areas is not a problem. Theft is also reduced, out-of-site is out-of-mind.

### How it works.

Once the PTO is engaged, engine torque and horsepower are transmitted to the generator via a properly sized tubular drive shaft. The speed control for the generator is directly interfaced with the chassis electronic engine to maintain precise input speeds. When the job is complete, simply disengage the PTO and continue to the next job site.

## BGSD STANDARD EQUIPMENT:

- Maintenance-free operation.
- Brushless design.
- One year warranty.
- “Quiet-run” design.
- Built-in short circuit protection.
- 120 volt, 60 hertz maintained + 3%.
- 400% motor-starting capability.
- Mounting brackets and wiring harness necessary for standard installation.
- Receptacle box with two 120 duplex and one 30 amp twist.
- Circuit breaker box.
- Three Sizes: 6,200, 8,100 or 10,000 watts.
- Operations, parts and maintenance manual.

Options: 250-400 amp DC welders

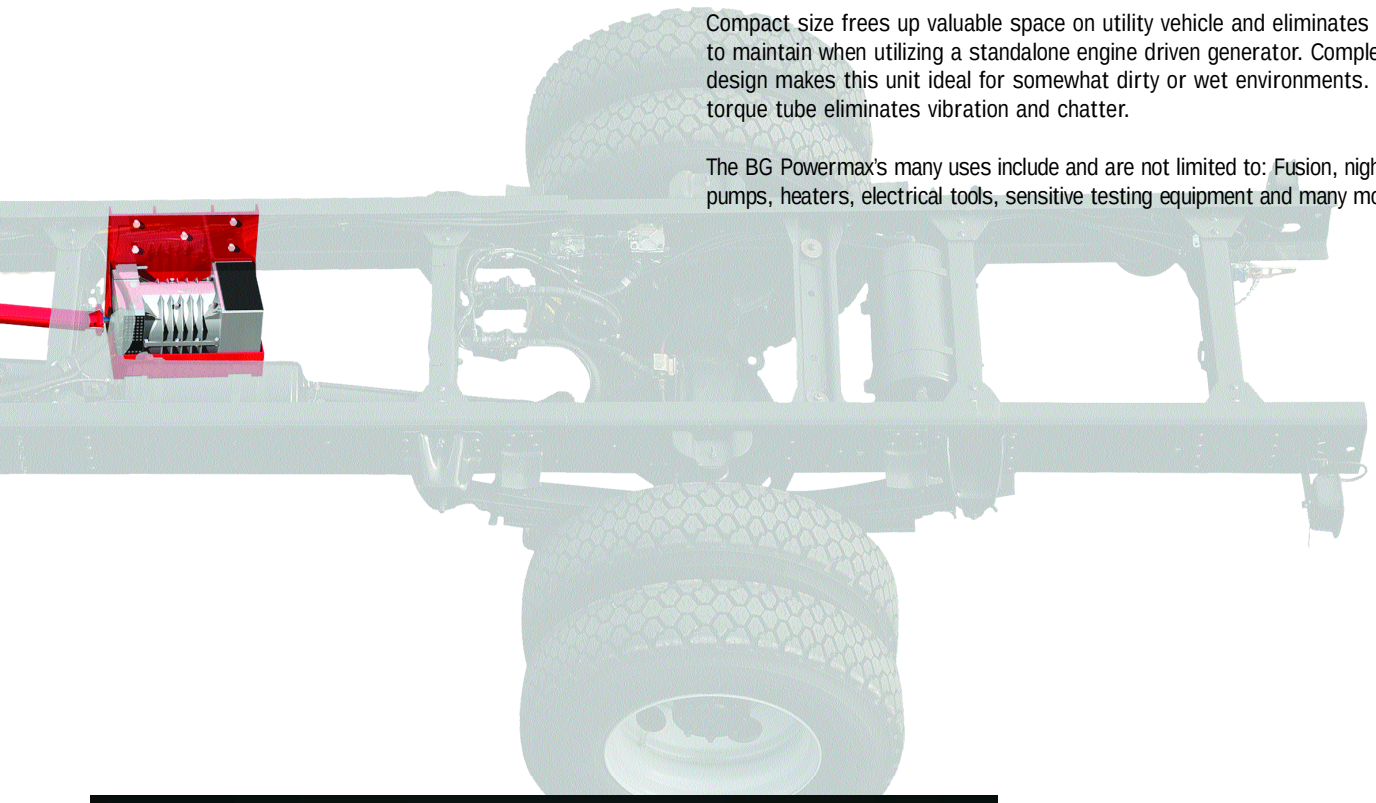
# BOSS PTO MODEL B.G. POWERMAX UNDERDECK PTO AC GENERATOR (6.2 KW - 10.0 KW)

With the installation of plastic pipe in the gas utility industry as the norm, the need to have a dependable source of electricity to power fusion equipment becomes a concern. Not with the Boss BG Powermax.

Designed to run in conjunction with either our UBI side-mount or IBI split-shaft drive air compressors, the BG Powermax provides a continuous and uninterrupted source of electrical power.

Compact size frees up valuable space on utility vehicle and eliminates another engine to maintain when utilizing a standalone engine driven generator. Completely brushless design makes this unit ideal for somewhat dirty or wet environments. The patented torque tube eliminates vibration and chatter.

The BG Powermax's many uses include and are not limited to: Fusion, night lighting, pumps, heaters, electrical tools, sensitive testing equipment and many more applications.



## BG POWERMAX STANDARD EQUIPMENT:

- Maintenance free operation.
- Brushless design.
- One year warranty.
- "Quiet-run" design.
- Built-in short circuit protection.
- 120 volt, 60 hertz maintained +3%.
- 400% motor-starting capability.
- Mounting brackets and wiring harness necessary for standard installation.
- Receptacle box with two 120 duplex and one 30 amp twist lock.
- Circuit breaker box.
- Four sizes: 6,200, 7,500, 8,800 and 10,000 watts.
- Operation, parts and maintenance manual.

# SPECIFICATIONS

MODEL BGSD:
(PTO direct shaft drive)

| GENERATOR: | | | |
|---|---|---|---|
| Output: | 6.2KW | 8.1KW | 10.0KW |
| Weight: | 103.5 lbs | 123.5 lbs | 152 lbs |
| Height: | 12.3” | 12.3” | 12.3” |
| Width: | 11.8” | 11.8” | 11.8” |
| Length: | 19.8” | 19.8” | 22.15” |
| Voltage: | 120 or 120/240 single phase | 120 or 120/240 single phase | 120 or 120/240 single phase |
| Input Speed: | 1800 RPM | 1800 RPM | 1800 RPM |

The Boss model BG Powermax is designed to run in conjunction with either our 8060-UBI side-mount or 80200-IBI split-shaft drive compressors. The BG Powermax provides a continuous and uninterrupted source of electrical power. The BG Powermax is designed for applications with either a single PTO opening when air and power are required or the other PTO opening is being occupied by other PTO driven equipment (i.e. hydraulics).

MODEL BG POWERMAX:
(Belt drive off compressor shaft or direct shaft drive off split-shaft)

| GENERATOR: | | | | |
|---|---|---|---|---|
| Output: | 6.2KW | 7.5KW | 8.8KW | 10.0KW |
| Weight: | 56 lbs | 67 lbs | 77 lbs | 84lbs |
| Height: | 10.25” | 10.25” | 10.25” | 10.25” |
| Width: | 8.0” | 8.0” | 8.0” | 8.0” |
| Length: | 16.0” | 18.0” | 18.0” | 18.0” |
| Voltage: | 120 or 120/240 single phase | 120 or 120/240 single phase | 120 or 120/240 single phase | 120 or 120/240 single phase |
| Input Speed: | 3600 RPM | 3600 RPM | 3600 RPM | 3600 RPM |

Specifications subject to change without notice.

BOSS®

BOSS INDUSTRIES, INC.