



**EnPak**  
Miller

**Maintenance**



# FEATURES

## TURN OFF YOUR TRUCK...TURN ON YOUR ENPAK®

Maintainer now offers the revolutionary new EnPak® - the fully integrated, Tier IV Final compliant, diesel engine/air compressor/hydraulic pump/generator unit designed for the crane body mechanic's truck. Unlike other crane body truck systems, EnPak® retains full functionality with the truck engine turned off. This revolutionary power source is integrated into the truck's electrical and fuel systems to ease serviceability.



### CRANE HYDRAULICS

Eaton variable displacement piston pump.  
8.0 gpm at 3000 PSI. Max gpm = 20

### COMPRESSED AIR

Variable speed rotary screw air compressor.  
60 CFM at 100 PSI. Max PSI = 150

### ELECTRIC POWER

6000 watt, 120/240 volt, brushless, single-phase Miller generator. EnVerter™ provides up to 2400 watts of 120 VAC at all engine speeds. Overload and breaker protected.



### CRANE REMOTE

Uses Maintainer's crane remote, tethered or wireless as is, no need to change remote or retrain the operator.

### SHARED FUEL SUPPLY

Industrial 24.8 HP Kubota diesel engine shares the truck's fuel supply - only one tank to fill! Engine is Tier IV Final Compliant.

### SHARED BATTERY

Uses truck's 12V battery eliminating need for second battery. Supplies 12 volts of power and a 60 amp charge to the onboard truck battery.

### EnPak® REMOTE PANEL

Monitors and displays engine and air compressor status.



## MOUNTING OPTION: SIDEPACK MOUNT



## MOUNTING OPTION: DECK MOUNT



### MULTIPURPOSE (STICK/TIG/MIG) WELDING Miller Millermatic™ 200

29 lb (13.2 kg)  
14.5" h x 9.75" w x 17" d

- Stick electrode sizes 3/32" - 1/8" dia.
- MIG Welds: 24 ga. 3/8" mild steel & 18 ga. 1/4" aluminum
- TIG Welds: .020-3/16" mild steel



### STICK/TIG WELDING

Miller Maxstar® 200 STR, 1-200 amps

32 lb (14.5 kg), 13.5" h x 7.5" d

Ratings Stick: 150 A at 26V, 60% duty cycle

Ratings TIG: 175 A at 17 V, 60% duty cycle

### WEIGHT AND DIMENSIONS:

832 lbs (373 Kg)

30" h x 21" w x 47" d

(762 mm x 533 mm x 1194 mm)



# SPECIFICATIONS

## AIR COMPRESSOR

TYPE	FEATURES	RATINGS	DUTY CYCLE	AUTOMATIC COMPRESSOR SHUTDOWNS
• Variable speed rotary screw	<ul style="list-style-type: none"> <li>• Oil cooled</li> <li>• Built-in check valve</li> <li>• Air compressor hour meter</li> <li>• Automatic shutdowns</li> </ul>	<ul style="list-style-type: none"> <li>• 120-175 PSI pressure range</li> <li>• 58 scfm at 100 PSI at 3600 RPM</li> <li>• 60 cfm max flow</li> </ul>	100%	<ul style="list-style-type: none"> <li>• Oil temperature</li> <li>• Air Pressure (Over Pressure)</li> </ul>

## HYDRAULIC PUMP

FEATURES	MAX. PRESSURE	MAX. FLOW RATE	RELATED OUTPUT	CONTROL
<ul style="list-style-type: none"> <li>• Eaton variable displacement piston</li> <li>• Pressure and flow compensated</li> <li>• High load tapered roller bearings</li> </ul>	• 3500 PSI	• 20 GPM closed center	<ul style="list-style-type: none"> <li>• 8.0 GPM at 3000 PSI at 3200 RPM</li> <li>• 50% Duty Cycle*</li> </ul> <small>*dependent on hydraulic cooling system.</small>	<ul style="list-style-type: none"> <li>• Power managed load control using variable flow rate</li> </ul>

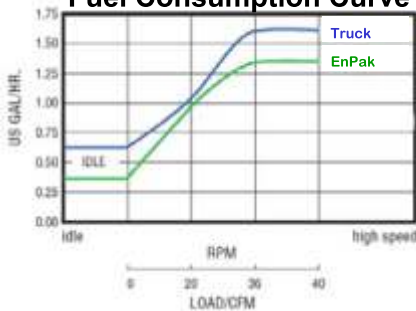
## ENGINE

FEATURES	HP	TYPE	ENGINE SPEEDS	AUTOMATIC ENGINE SHUTDOWNS
<ul style="list-style-type: none"> <li>• Kubota with electric governor</li> <li>• Multi-speed 60A, 12 V alternator</li> <li>• Engine hour meter</li> <li>• Electric fuel pump</li> <li>• Automatic shutdowns</li> </ul>	24.8 HP/3600 RPM	<ul style="list-style-type: none"> <li>• Diesel</li> <li>• EPA Tier 4 Final Compliant</li> </ul>	<ul style="list-style-type: none"> <li>• 1800 RPM - idle</li> <li>• 2600 RPM</li> <li>• 3200 RPM</li> <li>• 3600 RPM</li> </ul>	<ul style="list-style-type: none"> <li>• Coolant temperature</li> <li>• Oil pressure</li> <li>• Over speed</li> </ul>

## GENERATOR/EnVerter™

OUTPUT	BENEFITS	EnVerter™ (Synthetic Power)
<ul style="list-style-type: none"> <li>• 6000 watts at 3600 RPM, continuous</li> </ul>	<ul style="list-style-type: none"> <li>• 120/240 volt</li> <li>• Single phase, brushless generator</li> <li>• Breaker protected</li> </ul>	<ul style="list-style-type: none"> <li>• 2400 watts at 2600-3600 RPM, continuous</li> <li>• 300 watts at 1800 RPM (idle), continuous</li> <li>• 120 volt, single phase, Pure Sine Wave</li> <li>• Overload and breaker protected</li> </ul>

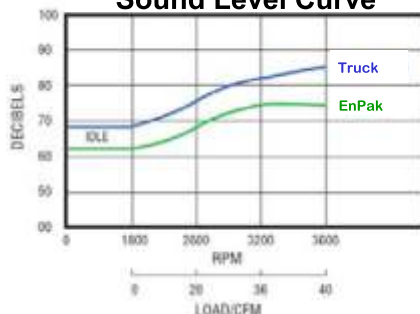
**Fuel Consumption Curve**



EnPak® is 21-32% more fuel efficient than a traditional truck with a hydraulic driven air compressor (0.14 to 0.54 gal/hr).

- EnPak® is 3-7 dB quieter than a traditional truck with a reciprocating compressor.
- EnPak® is 4-9 dB quieter than a traditional truck with screw compressor.

**Sound Level Curve**



## EnPak® PROVIDES BENEFITS:

**EFFICIENCY:** Lowers fuel use up to 30%

**ECONOMY:** Up to 50% less truck engine idle time, extending the life of its drive train

**QUIET:** Up to 10 dB less noise than a typical PTO system

**COMFORT:** Directs exhaust up and away from the work area

**CAPACITY:** Provides more room in the truck and extra payload

**RELIABILITY:** Engineered and designed by Miller, with components from Miller, Kubota and Eaton

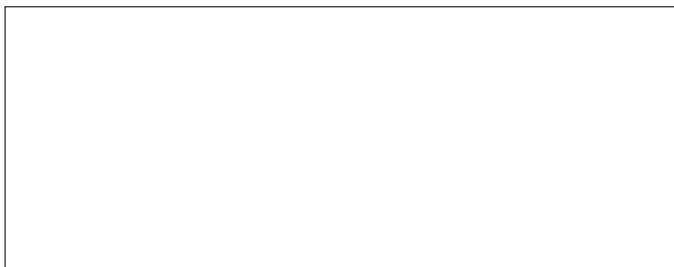
# Maintainer's products service a wide range of applications and markets:

- MUNICIPALITIES
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- GOVERNMENT
- PROPANE
- CONSTRUCTION
- UTILITIES
- RAILROADS
- AGRICULTURE
- MINING
- RENTAL
- EQUIPMENT DEALERS



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