

Turn Off Your Truck... Turn On Your EnPak®

A revolutionary,
fully integrated
power system for
service trucks



EnPak®
Miller

Enpak® Air Power 40 Service Series

Designed for service truck operators who regularly use compressed air and generator power and appreciate the benefits of powering these tools with the truck engine turned off.

Benefits include...

- Reduced fuel consumption
- Lower maintenance costs
- Longer truck life
- Easy transferability

To learn more about EnPak®,
contact your local Truck Equipment Dealer or visit

EnPak.com

Key Features

Kubota Diesel Engine

- EnPak's 27-HP Kubota variable-speed 3-cylinder diesel engine shares the truck's fuel supply – only one tank to fill
- Legendary quality and reliability
- Does not need truck's PTO
- Provides 12-volt output to charge truck battery

Vertical Exhaust

- Eliminates exposure to exhaust fumes while working behind the truck
- Eliminates cost of putting vertical exhaust on the truck



Air Pak™ 40 Variable-Speed Rotary-Screw Air Compressor

- Rated at 40 CFM at 100 PSI, 104° F
- Rated at maximum PSI = 175
- 100% duty cycle
- Compact, high output

Brushless Generator

- 6,000 watts of auxiliary power for tools like Maxstar® welders, drills, and grinders
- Brushless – extends life of the generator because there is no brush maintenance

EnVerter™ Power

- Up to 2,400 continuous watts of power
- 120 VAC pure sine wave power available at all engine speeds

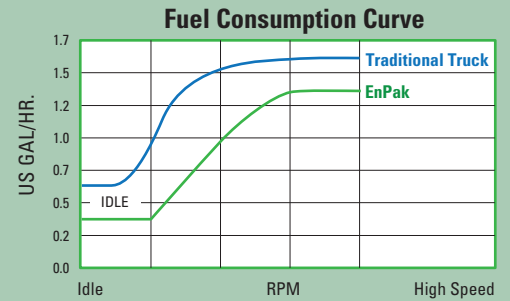
Key Benefits

Calculate your savings at EnPak.com/calculator

Fuel Savings

Drive fuel efficiency and savings while powering all service truck work functions with the truck turned off.

- Featuring a standard auto start/stop functionality designed to reduce fuel consumption, unnecessary EnPak engine idling, noise and emissions
- Reduces fuel consumption by up to 30%
- Enpower technology adjusts Enpak engine speed to match load requirements to the lowest required speed
- Fleet savings over \$100k annually (Based on a fleet of 50 trucks)



Maintenance Savings

Maintain the 27 HP Enpak engine vs. the 300 HP truck engine.

- Lower truck engine operating hours yield lower annual maintenance costs
- Fleet savings over \$50k annually (Based on a fleet of 50 trucks)

Asset Life Extension

Eliminate non-productive drive train hours to maximize the useful life of your fleet assets.

- Idle hour reduction over 50% extends the life of the drive train
- Fleet savings over \$100k annually (Based on a fleet of 50 trucks)

EnPower™ Technology

EnPower technology automatically adjusts engine speed to match load requirements. Under low loads, the engine runs at 1800 RPM. With increased loads, EnPower technology ramps up engine speed... but only as much as needed (and up to 3600 RPM for maximum output). The ability to vary engine speed further lowers average fuel use and noise, facts appreciated by fleet managers and mechanics.



Truck Space

- Replaces individual air compressor and welding generator
- Maximizes truck bed space (30 in. high x 21 in. wide x 47 in. deep, 762 x 533 x 1194 mm) – only 1 inch wider and 1 inch taller than a Miller Bobcat™
- Provides two mounting options – load-space mount or side-pack mount
- No loss of cabinet space when load-space mounted because the operator can operate EnPak remotely – no cut out needed



EnPak Remote Panel

Monitors and displays engine and air compressor status.

Engine Controls

- Hour meter
- Maintenance hour meter
- Coolant temperature
- Engine RPM
- Engine start/stop

Air Compressor Controls

- Hour meter
- Maintenance hour meter
- Minimum pressure set
- Air compressor start/stop
- Shutdown indication



Component Specifications

Air Compressor

Type	Features	Ratings	Duty Cycle	Automatic Compressor Shutdowns
Air Pak™ 40 variable-speed rotary-screw	Oil cooled Built-in check valve Air compressor hour meter Clutch controlled automatic shutdowns	90–175 PSI pressure range 40 SCFM at 100 PSI at 3600 RPM 35 SCFM at 100 PSI at 3200 RPM 28 SCFM at 100 PSI at 2600 RPM 18 SCFM at 100 PSI at 1800 RPM	100%	Oil temperature Air pressure (over pressure)

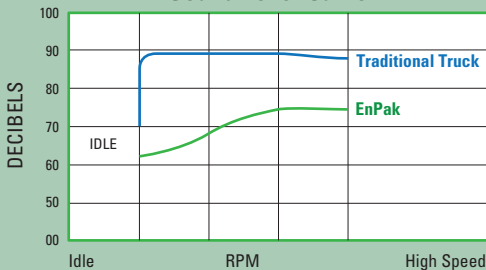
Engine

Features	HP	Type	Engine Speeds	Automatic Engine Shutdowns
Kubota electronic governor Multi-speed 60 A, 12 V alternator Engine hour meter Electric fuel pump Automatic shutdowns	27.7 HP/3600 RPM	Diesel EPA Tier 4 compliant	1800 RPM – idle 2600 RPM 3200 RPM 3600 RPM	Oil temperature Oil pressure Over speed

Generator/EnVerter™

Output	Benefits	EnVerter (Synthetic Power)
6000 watts at 3600 RPM, continuous	120/240 V Single-phase, brushless generator Breaker protected	2400 watts at 2600–3600 RPM, continuous 300 watts at 1800 RPM (idle), continuous 120 V, single phase, pure sine wave Overload and breaker protected

Sound Level Curve



Sound Levels

- Because the engine is enclosed in a “quietized case”, EnPak lowers noise up to 10 dB.
- 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 a screw compressor

Weight

767 lb. (348 kg)

Dimensions

30 in. high x 21 in. wide x 47 in. deep
(762 x 533 x 1194 mm)

Options and Accessories

Stick (SMAW)/TIG (GTAW) Welding

Miller Maxstar® 200 STR



- 1 to 200 amps
- Stick electrode sizes 1/16”–3/16” diameter
- Carbon arc size 3/16” max.

Weight: 32 lb. (14.5 kg)

Dimensions: 13.5 in. high x 7.5 in. wide x 17.5 in. deep (342.9 x 190.5 x 444.5 mm)

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

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

Stock #: 907 036-00-1

IMPORTANT: Be sure to enter the complete 9-digit stock number when ordering to ensure you receive the correct Maxstar model.

Desiccant Air Dryer System



A regenerating inline air dryer system that virtually eliminates moisture in the air stream to prevent air tool freeze-ups in cold climates.

Stock #: 300 690

Cold Weather Option

Enpak® Subzero Package

Stock #: 300 808