

# ONYX

TECHNOLOGY POWERING A CLEANER FUTURE

## LX1000

31HP 999cc PROPANE ENGINE

## GO GREEN!

WE HELP OEM'S LOWER  
EMMISSIONS, REDUCE  
MAINTENANCE, &  
LOWER FUEL COSTS



ONYX engines are powered by clean burning propane gas and achieve ultra low emissions without sacrificing power or performance. Each engine carries a full manufacturers warranty and is individually dyno tested to ensure performance and emissions meet our Environmental Protection Agency and the California Air Resources Board certifications. ONYX propane engines are available with all necessary components to convert a gasoline application to operate on propane.

### ONYX ENGINES FEATURE:

- Cleanest Emissions In Class
- 9 to 35hp Vertical & Horizontal Shaft
- Full 3 Year Manufacturers Warranty
- EPA & CARB Certified
- Product Design Support
- SAM Carbon Monoxide Shutdown (optional)



# LX1000 31HP PROPANE ENGINE

ONYX LX1000 engines operate on clean burning propane fuel significantly reducing emissions while increasing safety and reliability.

## CLEANEST EMISSIONS IN CLASS

LEHR Propane Fuel Systems on the LX1000 are certified 53% cleaner emissions than the closest engine in its class according to the Environmental Protection Agency. Standard low tone catalytic mufflers reduce carbon monoxide emissions well below OSHA permissible exposure limits. SAM Safe Air Monitor further increases safety by alerting operators should carbon monoxide levels climb to unsafe levels and will automatically shut engines down to prevent injury.

## RELIABILITY

LEHR Propane Fuel Systems use a patented variable venturi and fuel jet design which never comes out of calibration and requires no field adjustments. LEHR systems utilize a threestage pressure regulator that vaporizes any liquid propane caused by overfilled cylinders or use of liquid cylinders making the LX1000 the safest and most reliable engine in its class.

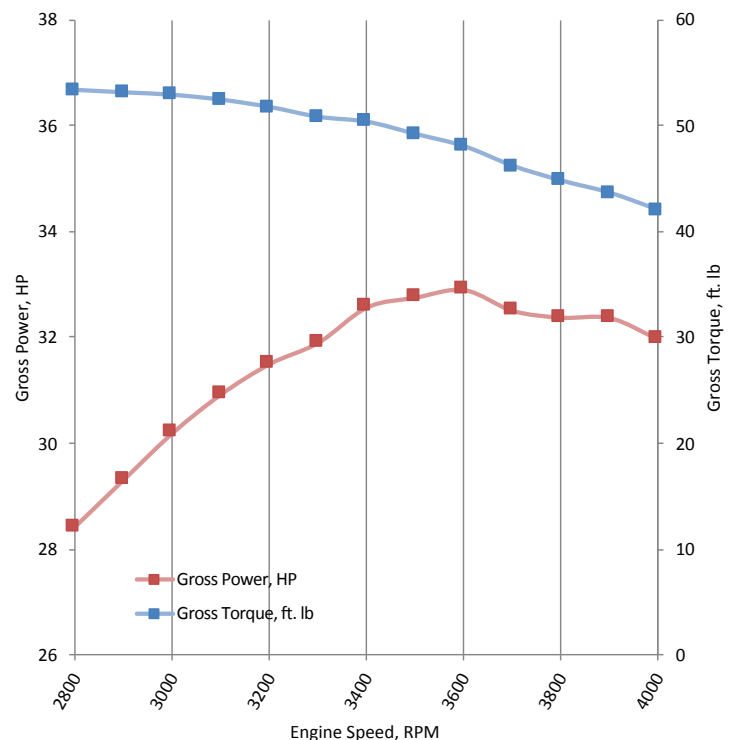
## DESIGNED FOR PROPANE DURABILITY

Heavy-duty piston rings, a cast iron cylinder liner, and hardened heads designed for propane fuel resist wear and ensure precise timing for long engine life in commercial and industrial applications. Our heavy duty, low tone catalytic muffler is supported back to the engine block with two brackets and lasts the life of the engine.

## SPECIFICATIONS

<b>Type:</b>	Air-cooled, V-Twin OHV
<b>Power:</b>	31hp (22.9 kW)
<b>Size:</b>	999cc Vertical Shaft
<b>Bore x Stroke:</b>	84.5mm x 76mm
<b>Fuel System:</b>	LEHR Variable Venturi
<b>Fuel Type:</b>	LPG Propane
<b>Starter:</b>	Heavy Duty Electric 12v
<b>Oil Capacity:</b>	2.4 Liters
<b>Dry Weight:</b>	130 lbs.
<b>Air Cleaner:</b>	Heavy Duty Canister
<b>Muffler:</b>	Low Tone Catalytic
<b>Cylinder:</b>	V-Twin, Hardened
<b>Crankshaft:</b>	1-1/8" Keyed PTO

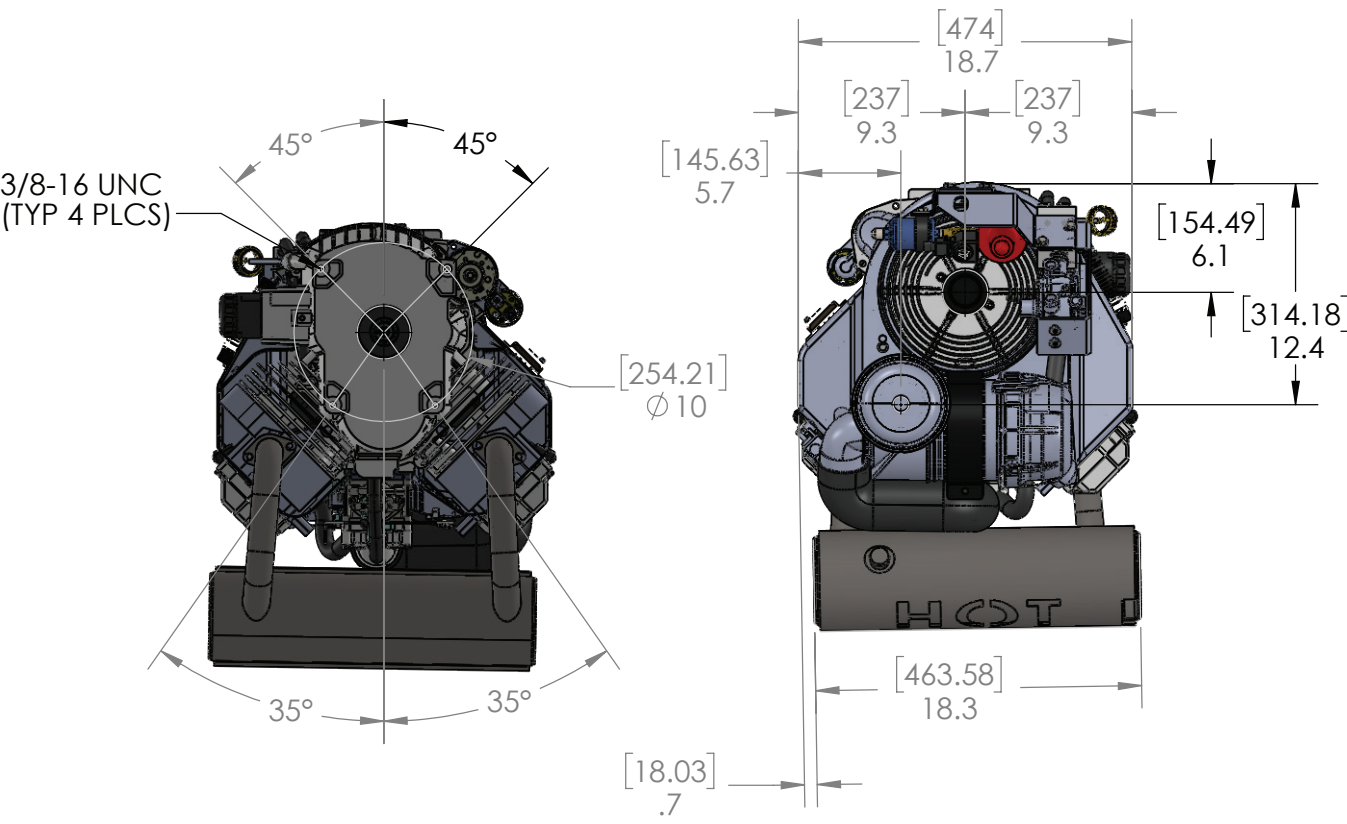
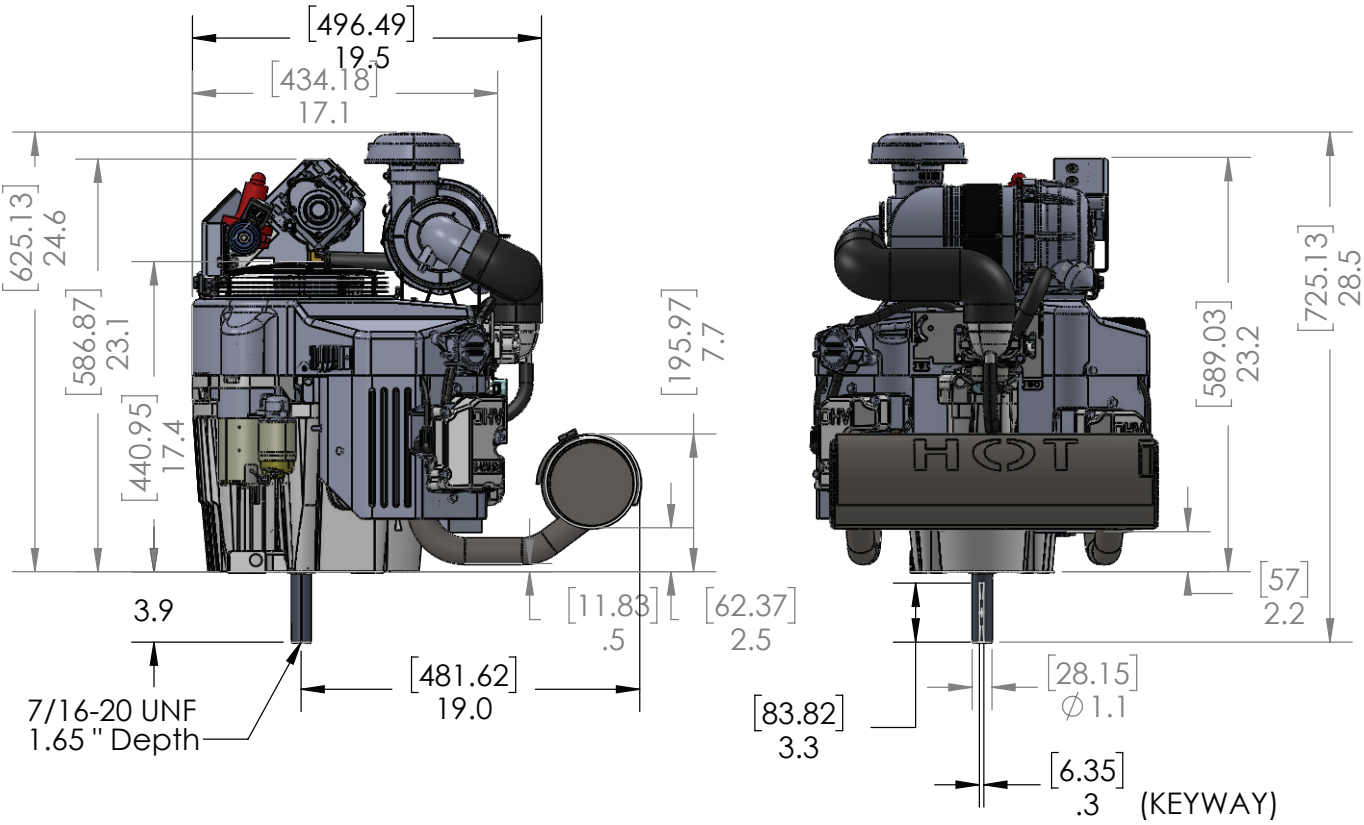
## POWER CURVE



ONYX has a long-standing commitment to providing the highest quality products and the best customer service in the industry. All of our products are designed and manufactured in the U.S., have a full warranty, and carry a full EPA & CARB Certification. Our network of over 1000 trained dealers are ready to provide service and repair for any product.

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## DIMENSIONS (MM)





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