

# Harrison

## HYDRA-GEN



**HARRISON HYDRA-GEN® OFFERS A FULL LINE OF HYDRAULIC GENERATORS,** Hydraulic Generator Modular Systems, and Hydraulic Generator Complete Systems. Harrison Hydra-Gen® also provides Customized Hydraulic Products, Engine Driven Generators, and ECCO Rapid DC Hybrid Chargers.

**HARRISON HYDRA-GEN® IS RECOGNIZED AS PRODUCING THE MOST EFFICIENT AND RELIABLE DESIGNS IN THE INDUSTRY.** Our continuous innovation allows for increased efficiency, and productivity, while making us a leader in the industry.

Since 1969, Harrison Hydra-Gen has been providing unmatched *quality, service & dependability.*



*Clean Power Technology*

## Hydraulic Generator

**ENGINEERED FOR APPLICATIONS WITH EXISTING ON-BOARD HYDRAULIC SYSTEMS.** Each hydraulic generator is selected to work with the flow and the pressure of your on-board hydraulic system.

- *Ratings: Up to 40 kW AC*
- *Plus Powered Alternator: STD.*
- *Bent Axis Piston: STD*
- *Gear motor: OPT.*
- *Flow control manifold: OPT.*
- *Meter head OPT.*



## Hydraulic Generator Modular Systems

**ENGINEERED FOR APPLICATIONS THAT NEED MORE THAN JUST THE HYDRAULIC GENERATOR.** If your on-board hydraulic system has some, but not all of the required components to run a hydraulic generator, Harrison has a complete modular system of components that you can add to your on-board hydraulic system.

- *Hydraulic pump OPT.*
- *Reservoir OPT.*
- *Heat exchanger OPT.*



## Hydraulic Generator Complete Systems

**ENGINEERED FOR APPLICATIONS THAT DO NOT ALREADY HAVE AN ON-BOARD HYDRAULIC SYSTEM.**

Each model is supplied with the hydraulic generator mounted in a protective frame, and the entire hydraulic system, including a frequency tuned hydraulic pump and reservoir.

- *Hydraulic pump STD.*
- *Reservoir STD.*
- *Heat exchanger STD.*
- *Protective frame STD.*
- *Reservoir: STD.*
- *Multiple air flow options STD.*



## Hydraulic Generator Tool Circuit Systems

**ENGINEERED TO UTILIZE THE HYDRAULIC "TOOL CIRCUIT" ON WORK TRUCKS.** Detachable for portability and flexibility; save space, money, and weight without sacrificing simple, reliable mobile AC power.

- *Ratings: Up to 5 kW AC*
- *Bucket mount bracket OPT.*
- *Bumper mount bracket OPT.*
- *Rain guard OPT.*
- *Electrical box OPT.*
- *Carrying handles OPT.*





## Integrated Hydraulic Technology

**IHT ALLOWS YOU TO RUN YOUR ON-BOARD EQUIPMENT USING HYDRAULIC MOTORS, INSTEAD OF GAS ENGINES OR ELECTRIC MOTORS.**

This provides enhanced performance, operation, and better packaging.

- Provides increased reliability
- Increases performance
- Reduces maintenance
- Reduces warranty costs
- Increases the usable HP
- Eliminates cold starts
- Provides zero emissions



## Ecco Rapid DC Hybrid Battery Charger

**ENGINEERED TO MEET THE CHARGING DEMANDS OF TODAY'S HYBRID POWER UNITS FOUND ON UTILITY AND OTHER CONSTRUCTION TRUCKS.**

The ECCO Rapid DC Hybrid Battery Charger QUICKLY recharges the hybrid batteries between job sites while driving.

- Hydraulically driven; no belts
- Fastest charge rate available
- Multiple DC voltages available
- Designed to your battery system



## Hydraulic Oil Conditioning System

**HYDRA-QUBE IS A COMPACT, LIGHTWEIGHT, ALL-IN-ONE HYDRAULIC CONDITIONING SYSTEM** that consists of a heat exchanger, reservoir, and oil filter. All the components are packaged into a single unit, that is easy to mount, and easy to integrate into your work truck.

- Traditional reservoir is too large
- Uses 8X less fluid
- Reduce the weight of your truck
- Reduce the amount of fuel used
- Reduce hydraulic oil costs
- Do more with your work truck



## Diesel Generators

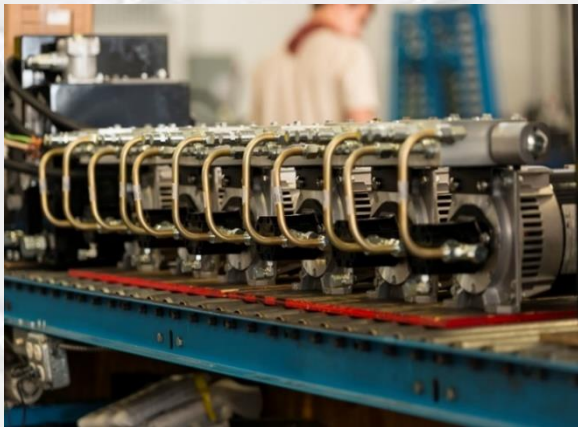
**ENGINEERED TO BE STARTED AUTOMATICALLY WHEN THE CHASSIS ENGINE SHUTS DOWN FOR IDLE REDUCTION,** or as a standard, industrial, 10kW diesel generator. The Auxiliary Power Unit can be retrofitted to both new and exiting installations, with it's plug and play, drop-in design.

- Ratings: 10 kW AC, 160 AMPS DC
- Models: IRT 10K160
- Shaft driven design; no belts
- 160-amp DC alternator
- 10KW 120/240 AC alternator
- Noise reducing protective cover
- Engine: Kubota T4F diesel



## World-Class Manufacturing

Harrison's World Headquarters is located in an all new 45,000 sq. ft. manufacturing facility in Houston, TX. **THIS NEW FACILITY WAS DESIGNED AND CONSTRUCTED TO ALLOW HARRISON TO USE THE "BEST-IN-PRACTICE" PROCESSES** and procedures to meet our customers expectations.



## State-Of-The-Art Testing

**EVERY HARRISON HYDRAULIC GENERATOR GOES THROUGH THE MOST ADVANCED COMPUTERIZED TESTING**, with documentation of the test results provided with each product. Customized or Off-The-Shelf, all Harrison hydraulic generators are tested to the same standards.



## Uncompromising Quality

**YOU DEPEND ON YOUR TOOLS AND EQUIPMENT TO HELP YOU DO THE JOB RIGHT THE FIRST TIME**, and enable you to keep your word. That's not something we take lightly. We let our product speak for itself; 45 years of continued business in the most demanding environments.



## Hydraulic Generators

What separates Harrison Hydra-Gen from the competition? Simply put, Harrison products have been "PROVEN UNDER PRESSURE", since 1969. There is no secret to our longevity and success; it is our commitment to quality!

We place emphasis where it should be; in the components of our products. Our commitment to quality and our testing procedures allow us to remain cost competitive with lower quality systems by avoiding unnecessary service claims.

## Fully Customized

You can choose a Harrison hydraulic generator rating of up to 40 kW from our product line; or we can completely customize a hydraulic generator to meet your specifications.

## Advantages Over A Gas Or Diesel Generator

- Up to 65% smaller
- Up to 50% lighter
- More reliable
- Starts in cold weather
- Less noise and vibration
- Lower maintenance cost
- Longer life cycle
- Power driving or parked
- No carbon footprint
- No secondary engine
- No secondary fuel tanks
- No bad fuel
- No messy exhaust



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