



RENTAL RANGE



Marindustrial Ontario Inc.

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HIPOWER®
 generating sets





HIPOWER® BUILDS BEST IN CLASS TOWABLE GENERATOR TO THE RENTAL INDUSTRY

All HIPOWER® Rental Towable Diesel Generator sets have been designed and manufactured for people who need to rent, even if they are professionals in the sector or not. The generating sets are intuitive and easy to use and to control. They include alarms and protections pre-configure for everyday work.

HIPOWER® Rental product range (HR) stands out for its innovation, a real aesthetic and technical revolution. This is a genset generation embedded in a robust steel body bringing new values to the world of energy. It radically transforms into a high technology thoroughbred. High performance engines connected to electrifying alternators and managed by best-in-class protection and control. This is a unique combination of innovating materials for agile, comfortable, and versatile applications.

Construction solutions

The machines do not always operate on flat and stable surfaces; therefore it is highly important to manufacture equipment with a high structural integrity. The HR range has been designed to resist the maximum structural stress.

HR - Easier and faster to service – higher service efficiency.

Non-stop operation is the main objective for any generator rental company. HIPOWER® has developed the HR range machines so that the maintenance times are minimized. The operating time will be the best for the customer with maximum productivity as well as maximum revenues for the rental company.

HR - Versatile and profitable

We have always tried to provide rental companies with machines that result in the best utilization for them and also guarantee a high profitability. HR has been designed for a long and efficient operating life. The HR range will guarantee profitability and business to the rental company, as it will have longer lasting and operating machines that will require minimum maintenance. This will result in a lower investment cost as well as higher resale value.

HR - Easy to move and transport

We believe our machines are the most compact, robust and weather resistant machines in the market. They have been designed and verified by using structural design programs that assure an optimum operation under the most extreme conditions (ANSYS). Because of its small size, the number of units to be transported is optimized.

HR - Total respect for environment

All our machines operate within the limits set by the environmental regulations regarding gas and noise emissions and total protection against liquids leaks (fuel, oil and cooling liquid). The engines used in the HR range are compliant with the regulation certified by the Environmental Protection Agency (EPA) Interim non-road emissions regulations and (97/68/CE modified by 2002/88/CE and 2004/26/CE) on gas and polluting particles emissions. Engine fluid containment basin is included as standard on all models.



www.hipowersystems.com

HIPOWER® DISTRIBUTION PANEL

FEATURES

Aluminum construction (10 gauge) to withstand rust and corrosion

- . Square D Branch breakers for reliable overload protection
- . Custom engraving of name or logo to deter theft
- . Interchangeable receptacles for multiple applications
- . Water-resistant flip covers for all-weather reliability
- . Nema 3R, Canadian and US UL50 listed

APPLICATIONS

Designed for use in all-weather conditions where OSHA compliant, temporary power distribution is required:

construction sites, entertainment venues, sporting events, trade shows and more.

THE ADVANTAGE

Non-corrosive, heavy-duty components:

for safe, rugged use in any environment without rusting, bending or leaking.

Customizable outputs from 20 AMP to 50 AMP:

for greater versatility in the field.

Custom color and custom engraving:

deters theft and miss-identification on the job site.





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HR - Engineering

More robust, more compact and better water tightness construction.

The new range HR has a totally watertight, oversized and very strong framework with front and rear reinforced skid tubes so it can be pulled using chains. The skid is integrated within the structural bedplate and joins the enclosure framework in order to protect the equipment from jobsite damage.

The soundproof enclosure is rock solid with single point lifting eye, controller-viewing windows in the watertight enclosure doors. Larger access doors make it easy to carry out any maintenance task (servicing filters, radiator, changing oil, replacing batteries, etc.) or due to its large and reinforced doors that provide comfortable access to carry out any mechanical or electrical check out.

HR - Maintenance advantages

These machines offer great advantages in maintenance services.

- Fast and easy cleaning of bodywork and fuel tank through several drainage points.
- In the HR range, the tank is protected by means of a water separator (advanced version). Therefore the lapses between servicing the tank become longer. Continuous cleanings are not required.
- The soundproof rock wool material is washable by high pressure.
- Servicing interval guaranteed for about 400 hours (depending on the quality of the fuel used)
- All the servicing items are easily accessible through large doors or dismountable panels on the bodywork.

HR - Service efficiency

- Fuel refilling is reduced since it has large fuel tanks as a standard that extend its autonomy
- Quick connection to power by an easy access to the bodywork and power panel folding fronts
- Easy and protected connection to receptacles, lugs and cam locks.



HIPOWER® RENTAL RANGE GENERATOR SETS

Rental Range - Towable Generators

HIPOWER RENTAL GENERATOR SET MODEL

Prime Power (P.R.P.) - kVA / kW - (0.8 PF) - 480 V
Standby Power (S.T.B.) - kVA / kW - (0.8 PF) - 480 V
Frequency (Hz)
Generator set RPM

DIESEL ENGINE

Manufacturer
Model
Emissions Compliance EPA 40 CFR Part 89
Oil drain system
Governor
Protection for engine hot parts
Standard water separator fuel filter
Secondary water separator fuel filter - RACOR type
Medium duty, air filter with service indicator

ALTERNATOR

Newage model
Permanent Magnet Generator (PMG) / Excitation boots system (EBS)
Automatic voltage regulator (+/- 1%)
Insulation class / Protection
Temperature rise / Ambient °C
Vacuum impregnation

CONTROL PANEL

Control panel:
kW meter
Auto start / stop - 2 wire
Oil pressure and water temperature indicators
Emergency stop button
Low fuel level shutdown
Voltage adjust potentiometer
MPS - Multiple Parallel System

CONTROL PANEL BOX

3 Pole Main Line Circuit Breaker
Main bus / hardwire connection panel with safety protection
Receptacles with individual breaker protection and GFI for 110v duplex
Voltage selector switch, lockable, with 3 positions (3 phase 277/480 V - 120/208 V - single phase 120/240 V)
Camlocks
Battery disconnect switch

SKID BASE

Heavy duty skid base with forklift pockets and drawbars
Extended run time fuel tank
110% Spill containment for engine oil, coolant and fuel spills
Easy access for cleaning

ENCLOSURE

Heavy duty, 11-gauge steel, sound attenuated enclosure, powder coat paint, stainless steel hinges & hardware
Single point lifting eye
Emergency stop button on the exterior of enclosure (in addition to one in control panel)
Window for viewing control panel display
Easy access for radiator filling
Recessed quick release couplings for external fuel supply
Ratchet type door locks for secure and tight closure (Stainless steel)
Noise level dB(A) @ 23 ft, full load
Dimensions L (in.)
Dimensions W (in.)
Dimensions H (in.)
Dry weight (lbs.)
Enclosure type

TRAILER

Highway legal trailer D.O.T. approved

FUEL SYSTEM

Extended run time fuel tank capacity - gallons / run time at 100% prime rating (hours)
External filling with lockable filler cap
Easy access for fuel tank cleaning and draining
Three way fuel valve with quick disconnect fittings
Automatic fuel transfer pump

EXHAUST

Residential Silencer (35 dB(A) reduction) with rain cap

HRYW 25 T6	HRYW 40 T6	HRYW 50 T6	HRJW 35 T6	HRJW 55 T6	HRJW 60 T6	HRJW 75 T6
25 / 20 28 / 22 60 1,800	41/33 45/36 60 1,800	50 / 40 55 / 44 60 1,800	33 / 26 37 / 30 60 1,800	55 / 44 62 / 49 60 1,800	61 / 49 68 / 54 60 1,800	73 / 59 81 / 65 60 1,800
YANMAR 4TNV84T Tier 4 int. Std. Mech. Std. Std. Opt. Single stage	YANMAR 4TNV98 Tier 4 int. Std. Elect. Std. Std. Opt. Single stage	YANMAR 4TNV98T Tier 4 int. Std. Elect. Std. Std. Opt. Single stage	JOHN DEERE 4024TF281-36 Tier 4 int. Std. Elect. Std. Std. Std. Two stage	JOHN DEERE 4045TF290-55 Tier 4 int. Std. Mech. Std. Std. Std. Two stage	JOHN DEERE 4045TF280-63 Tier 3 Std. Mech. Std. Std. Std. Two stage	JOHN DEERE 4045HF280-74 Tier 3 Std. Mech. Std. Std. Std. Two stage
PI 144 E Std. EBS /AS480 H / IP23 125/40 Std.	PI 144 H Std. EBS /AS480 H / IP23 125/40 Std.	PI 144 K Std. EBS /AS480 H / IP23 125/40 Std.	PI 144 G Std. EBS /AS480 H / IP23 125/40 Std.	UCI 224 D Std. MX 341 H / IP23 125/40 Std.	UCI 224 D Std. MX 341 H / IP23 125/40 Std.	UCI 224 F Std. MX 341 H / IP23 125/40 Std.
DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.	DSE 702 Opt. Std. Std. Std. Std. Std. Std. n.a.
Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.	Std. Std. Std. Std. Std. Std.
Std. Std. Std. Std. Opt. Std. 57 84.5 40.3 60.7 2200 BR10	Std. Std. Std. Std. Opt. Std. 62 84.5 40.3 53.4 2560 BR10	Std. Std. Std. Std. Opt. Std. 62 84.5 40.3 53.4 2580 BR10	Std. Std. Std. Std. Opt. Std. 63 84.5 40.3 53.4 2520 BR10	Std. Std. Std. Std. Opt. Std. 70 110.6 45.3 76 4020 DR10	Std. Std. Std. Std. Opt. Std. 70 110.6 45.3 76 4020 DR10	Std. Std. Std. Std. Opt. Std. 72 110.6 45.3 76 4300 DR10
opt.	opt.	opt.	opt.	opt.	opt.	opt.
50 / 25.5 Std. Std. Opt. Opt.	87 / 30.4 Std. Std. Opt. Opt.	87 / 25.7 Std. Std. Opt. Opt.	87 / 34.7 Std. Std. Opt. Opt.	118 / 31 Std. Std. Opt. Opt.	118 / 28.1 Std. Std. Opt. Opt.	118 / 25.3 Std. Std. Opt. Opt.
Std.	Std.	Std.	Std.	Std.	Std.	Std.

Certified by EPA - CARB - USA 2011

HRYW YANMAR **HRJW** JOHN DEERE **HRVW** VOLVO



Rental Range - Towable Generators

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HRJW 290 T6 HRJW 310 T6 HRVW-570 T6 HRVW 630 T6 HRVW 700 T6

288 / 231 317 / 254 60 1,800	309 / 247 344 / 275 60 1,800	571 / 457 642 / 514 60 1,800	632 / 505 693 / 555 60 1,800	695 / 556 764 / 611 60 1,800
JOHN DEERE 6090HF484-287 Tier 3-Flex Std. Elect. Std. Std. Std. Two stage	JOHN DEERE 6090HF484-315 Tier 3-Flex Std. Elect. Std. Std. Std. Two stage	VOLVO TAD1641GE Tier 2-Flex Std. Elect. Std. Std. Opt. Single stage	VOLVO TAD1642GE Tier 2-Flex Std. Elect. Std. Std. Opt. Single stage	VOLVO TWD1643GE Tier 2-Flex Std. Elect. Std. Std. Opt. Single stage
UCDI 274 K Std. MX 341 H / IP23 125/40 Std.	HCI 444 D Std. MX 341 H / IP23 125/40 Std.	HCI 544 D Std. MX 340 H / IP22 125/40 Std.	HCI 544 E Std. MX 341 H / IP23 125/40 Std.	HCI 544 F Std. MX 341 H / IP23 125/40 Std.
DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3109 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.
Std. Std. n.a. 2 pos. Opt. Std.	Std. Std. n.a. 2 pos. Opt. Std.	Std. Std. n.a. Opt. / 2 pos. Opt. Std.	Std. Std. n.a. Opt. / 2 pos. Opt. Std.	Std. Std. n.a. t.b.a. Opt. Std.
Opt. Std. Std. Std.	Opt. Std. Std. Std.	Opt. Std. Std. Std.	Opt. Std. Std. Std.	Opt. Std. Std. Std.
Std. Std. Std. Std. Std. Opt. Std. 75 161.4 63.0 102.4 9560 G1	Std. Std. Std. Std. Std. Opt. Std. 75 161.4 63.0 102.4 9670 G1	Std. Std. Std. Std. Std. Opt. Std. 75 1968 78.8 104.6 14500 J10	Std. Std. Std. Std. Std. Opt. Std. 75 1968 78.8 104.6 15000 J10	Std. Std. Std. Std. Std. Opt. Std. 75 1968 78.8 104.6 15400 J10
opt.	opt.	opt.	opt.	opt.
438 / 26 Internal fill Std. Opt. Opt.	438 / 24 Internal fill Std. Opt. Opt.	634 / 19.7 Internal fill Std. Opt. Opt.	634 / 17.8 Internal fill Std. Opt. Opt.	634 / 16.5 Internal fill Std. Opt. Opt.
Std.	Std.	Std.	Std.	Std.

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HRJW 235 T6 HRJW 340 T6 HRJW 400 T6 HRJW 460 T6

234 / 187 258 / 206 60 1,800	341 / 273 378 / 303 60 1,800	402 / 321 442 / 354 60 1,800	461 / 369 506 / 405 60 1,800
JOHN DEERE 6068HF485-235 Tier 3 Std. Elect. Std. Std. Std. Two stage	JOHN DEERE 6135HF485-345 Tier 3 Std. Elect. Std. Std. Std. Two stage	JOHN DEERE 6135HF485-401 Tier 3 Std. Elect. Std. Std. Std. Two stage	JOHN DEERE 6135HF485-460 Tier 3 Std. Elect. Std. Std. Std. Two stage
UCI 274 H Std. MX 341 H / IP23 125/40 Std.	HCI 444 D Std. MX 341 H / IP23 125/40 Std.	HCI 444 E Std. MX 341 H / IP23 125/40 Std.	HCI 444 F Std. MX 341 H / IP23 125/40 Std.
DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.	DSE 3110 Opt. Std. Std. Std. Std. Std. Opt.
Std. Std. n.a. Std. Opt. Std.	Std. Std. n.a. 2 pos. Opt. Std.	Std. Std. n.a. 2 pos. Opt. Std.	Std. Std. n.a. 2 pos. Opt. Std.
Opt. Std. Std. Std.	Opt. Std. Std. Std.	Opt. Std. Std. Std.	Opt. Std. Std. Std.
Std. Std. Std. Std. Std. Opt. Std. 75 149.6 55.1 103.0 7700 ER10	Std. Std. Std. Std. Std. Opt. Std. 75 177.2 70.9 108 13000 H1	Std. Std. Std. Std. Std. Opt. Std. 75 177.2 70.9 108 13200 H1	Std. Std. Std. Std. Std. Opt. Std. 75 177.2 70.9 108 13400 H1
opt.	opt.	opt.	opt.
290 / 21.2 Std. Std. Opt. Opt.	623 / 19.5 Internal fill Std. Opt. Opt.	623 / 17.5 Internal fill Std. Opt. Opt.	623 / 16.22 Internal fill Std. Opt. Opt.
Std.	Std.	Std.	Std.

Export only