

**MAKE POWER MOVES.**

**Light Compaction**

Upright Rammers | Plate Compactors | Vibratory Rollers

**DOOSAN®**

**Portable Power**

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# DOOSAN® Portable Power

## About Us

Doosan Portable Power has more than 100 years of manufacturing expertise and application experience, with a focus on providing the highest quality machines with unrivaled customer service. Our market leading product line of portable air compressors, mobile generators and light towers are proudly built in the USA. Doosan Portable Power is headquartered in Statesville, North Carolina, and was established in 2007 when Doosan Infracore purchased Ingersoll-Rand's Utility Equipment division.

Today, Doosan Portable Power is a subsidiary of Doosan Bobcat Inc. Doosan Bobcat is an industry leader in the engineering, manufacturing and marketing of construction equipment, and also represents the Bobcat brand. Doosan Bobcat is committed to delivering innovative products and services that provide quality and value.





## Powerful Solutions

At Doosan Portable Power, we do more than provide superior products. We deliver powerful solutions to move your business forward. Robust portable air compressors that perform on the most demanding job sites. Mobile generators, light towers & light compaction equipment that are reliable and efficient. Factor in our industry-leading service and support, and it's quite clear that partnering with us is a smart return on your investment.

### Dependability

Our equipment is built to last with corrosion-resistant galvanized steel enclosures and a durable, baked-on powder coat finish. Extensive testing at our Statesville, North Carolina facility includes a test track, tilt table, and cold chamber to ensure our machines will perform in the harshest conditions and applications.

Doosan is fully committed to delivering quality machines that maximize uptime and productivity to give you peace of mind.

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*“The quality is a 10. The durability is a 10.”*

**-Jack Anderson**, Pape Material Handling

### Performance

Doosan Portable Power gives you the power you need in the most efficient manner. We provide leading fuel economy and performance while ensuring compliance with the latest emissions standards.

Doosan also offers unmatched versatility to support almost every job or application. And with user friendly controls and diagnostics, anyone can operate our equipment with minimal instruction.

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*“Doosan has always performed well for us.”*

**-Mark Grimes**, Industrial Marine

### Serviceability

Doosan has an extensive and knowledgeable dealer network. Our dealer-partners have a deep understanding of your business and can provide the solutions you demand.

All of our products are engineered and designed with an emphasis on accessibility to make sure routine maintenance is quick and easy to perform without having to take the machine apart.

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*“Parts and service are always there when we need it.”*

**- Mike Venuti**, Meruelo Group

## Upright Rammers

Full specifications on page 6



**RX-264H | RX-304H | RX-344H**

### CHARGED WITH INDUSTRY-LEADING IMPACT FORCES

- Engineered to compact materials ranging from mixed and cohesive soils to heavy clays
- Equipped with a rugged and reliable 4-cycle Honda engine with recoil start, eliminating the need to mix gas and oil for better fuel economy and starting capabilities, and years of dependable operation
- Oil-splash lubrication reduces the need for daily greasing while ensuring continuous protection of all internal parts
- 4-point isolation and vibration-reducing padded grip handle minimizes operator fatigue and prolongs the life of components
- Impact force is applied to the material being compacted by a durable wooden foot, reinforced with a heavy steel plate for extended life
- Self-balancing, low profile, light weight, with a low center of gravity design provides greater maneuverability and maximum control around jobsite obstacles

## Reversible Vibratory Plate Compactors

Full specifications on page 7



**BXR-60H | BXR-100H | BXR-200H | BXR-300H**

### BUILT TO PERFORM, BUILT TO LAST

- Engineered for the best compaction of granular soils, mixed soils, and well-graded aggregates where turning around can be difficult or impossible with other plate compactors
- Reversing mechanism changes the direction of the machine travel by repositioning the two eccentric shafts in relation to each other, thus allowing the operator to enter and exit a confined work area along the same path
- The dual eccentric shaft technology along with heavy-duty, sealed exciter bearings provide maximum and higher centrifugal forces than forward plates
- Open base plate design permits dirt and rocks to slide off the plate for easier cleanup
- Protective engine cage with integrated lifting bail provides engine protection and easy loading and placement into trenches

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DoosanPowerMoves.com  
800.633.5206

## Forward Vibratory Plate Compactors

Full specifications on page 7



**BX-60WH | BX-80WH | BX-120WH**

### VERSATILITY & RELIABILITY

- Designed for efficient compaction of granular soils, crushed aggregates, and hot mix asphalt in open jobsites of all sizes
- Powered by a durable Honda 4-cycle engine, each compactor features a belt-driven eccentric shaft, along with an oil bath excited to eliminate routine greasing
- Adjustable, folding, padded handles for operator comfort and storage in confined areas
- Handle-mounted ratcheting throttle for operator safety, convenience, and improved speed control
- Flip-over handles for ease of operation and maneuverability in confined jobsites
- Strong, solid steel base plate with beveled edges for superior results and smooth turns on hot mix asphalt applications. Base plates also feature lifting handles for ease of loading and off-loading
- Equipped with a standard polyethylene removable water tank for increased operating intervals and operator flexibility

## Walk-Behind Vibratory Rollers

Full specifications on page 8



**SX-170H | DX-500E | DX-600H | DX-600E  
DX-700H | DX-700E**

### SMOOTH, EFFICIENT COMPACTION IN COMPLEX APPLICATIONS

- Designed for high productivity in hot mix asphalt and applications involving complex materials like mixed soils and sub-base aggregates
- Hydrostatic drive system enhances maneuverability by allowing operator to vary and match rolling speed to application requirements
- Adjustable guide handle folds to minimize roller footprint during transport and storage
- Compact size, high curb clearance and narrow side clearance for operation in confined spaces
- Large polyethylene water tank standard with sprinkler system extends operation intervals

#### Single Drum: SX-series

- Perfect solution for contractors, municipalities, and repair agencies for asphalt patching jobs
- Equipped with rear-mounted roller and front-mounted bar to prevent front-to-rear tip over
- Honda 4-cycle engine with automatic low oil shut-off delivers reliable performance on every jobsite

#### Double Drum: DX-series

- Automatic shut-off via an integrated safety lever helps protect operator
- Liquid-cooled Kubota diesel and Honda gasoline configurations with standard electric start and low oil shutdown for maximum engine protection



# Specifications

Model	RX-264H	RX-304H	RX-344H
<b>WEIGHT &amp; DIMENSIONS</b>			
Operating Weight - lb (kg)	127 (58)	156 (71)	157 (72)
Length - in (mm)	26.6 (675)	26.6 (675)	26.6 (675)
Width - in (mm)	15.2 (385)	18.3 (466)	18.3 (466)
Height - in (mm)	43.3 (1100)	43.3 (1100)	43.9 (1115)
Plate Size (w x l) - in (mm)	9 x 13 (230 x 330)	11 x 13 (280 x 330)	11 x 13 (280 x 330)
<b>PERFORMANCE</b>			
Impact Force - lb (kN)	2600 (11.2)	3000 (13.4)	3400 (15.1)
Blows per Minute	600 - 650	600 - 650	600 - 650
Travel Speed - fpm (m/min)	39 - 46 (12 - 14)	39 - 46 (12 - 14)	39 - 46 (12 - 14)
Area Capacity Per Hour - sq ft (m <sup>2</sup> )	2100 (195)	2530 (235)	2530 (235)
Max Recommended Compaction Depth - in (mm)	18 (460)	21 (530)	24 (610)
<b>ENGINE</b>			
Manufacturer, Type	Honda, Gasoline	Honda, Gasoline	Honda, Gasoline
Model	GX100	GX120	GX120
Max Horsepower - hp (kW)	2.8 (2.1)	3.5 (2.6)	3.5 (2.6)
Engine Speed - rpm	4000	3600	3600
Fuel Tank Capacity - qt (L)	2.6 (2.5)	2.6 (2.5)	2.6 (2.5)
Starting System	Recoil	Recoil	Recoil

# Specifications

Model	BX-60WH	BX-80WH	BX-120WH	BXR-60H	BXR-100H	BXR-200H	BXR-300H
<b>WEIGHT &amp; DIMENSIONS</b>							
Operating Weight - lb (kg)	182 (83)	207 (94)	244 (111)	158 (72)	330 (150)	518 (235)	716 (325)
Length - in (mm)	37.4 (950)	37.4 (950)	37.4 (950)	37.4 (950)	53.1 (1350)	58.5 (1485)	63.8 (1620)
Width - in (mm)	16.9 (430)	19.7 (500)	21.7 (550)	13.8 (350)	15.3 (390)	17.7 (450)	17.7 (450)
Height - in (mm)	36 (915)	37 (940)	37.2 (945)	33.5 (850)	37.2 (945)	39.8 (1010)	40.2 (1020)
Plate Size (w x l) - in (mm)	17 x 22 (430 x 565)	20 x 22 (500 x 565)	22 x 23 (550 x 575)	14 x 19 (350 x 470)	15 x 25 (390 x 630)	18 x 29 (450 x 740)	18 x 34 (450 x 860)
<b>PERFORMANCE</b>							
Centrifugal Force - lb (kN)	3400 (15.3)	4000 (18)	5700 (25.4)	3417 (15.2)	5511 (24.5)	7053 (31.4)	9257 (41.2)
Vibrations Frequency - vpm (Hz)	5600 (93.3)	5600 (93.3)	5600 (93.3)	5600 (93)	4200 (70)	4200 (70)	4000 (67)
Travel Speed - fpm (m/min)	75 - 82 (23 - 25)	75 - 82 (23 - 25)	75 - 82 (23 - 25)	65 (20)	65 (20)	59 (18)	59 (18)
Area Capacity Per Hour - sq ft (m <sup>2</sup> )	6943 (645)	8073 (750)	8881 (825)	4500 (420)	5067 (468)	5231 (486)	5231 (486)
Max Recommended Compaction Depth - in (mm)	12 (300)	14 (350)	16.5 (410)	13 (330)	15 (380)	15 (380)	16 (410)
<b>ENGINE</b>							
Manufacturer, Type	Honda, Gasoline						
Model	GX120	GX160	GX160	GX120	GX160	GX240	GX390
Max Horsepower - hp (kW)	3.5 (2.6)	4.8 (3.6)	4.8 (3.6)	3.5 (2.6)	4.8 (3.6)	7.1 (5.3)	6.4 (4.8)
Engine Speed - rpm	3600	3600	3600	3600	3600	3600	3600
Fuel Tank Capacity - qt (L)	2.1 (2)	3.3 (3.1)	3.3 (3.1)	2.1 (2.0)	3.3 (3.1)	5.6 (5.3)	6.4 (6.1)
Starting System	Recoil	Recoil	Recoil	Recoil	Recoil	Recoil	Electric
<b>WATER TANK</b>							
Type (Standard; Polyethylene)	Removable	Removable	Removable	N/A	N/A	N/A	N/A
Capacity - qt (L)	12.6 (12)	14.7 (14)	14.7 (14)	N/A	N/A	N/A	N/A

Model	SX-170H	DX-500E	DX-600H	DX-600E	DX-700H	DX-700E
<b>WEIGHT &amp; DIMENSIONS</b>						
Operating Weight - lb (kg)	595 (270)	1300 (590)	1345 (610)	1410 (640)	1565 (710)	1630 (740)
Static Weight - lb (kg)	551 (250)	1212 (550)	1256 (570)	1322 (600)	1477 (670)	1543 (700)
Length - in (mm)	60.4 (1535)	87 (2210)	87 (2210)	87 (2210)	90 (2280)	90 (2280)
Width - in (mm)	25.6 (650)	24.3 (616)	27 (686)	27 (686)	27.6 (702)	27.6 (702)
Height - in (mm)	38.8 (985)	45.3 (1150)	45.3 (1150)	45.3 (1150)	46 (1170)	46 (1170)
<b>DRUM</b>						
Diameter - in (mm)	17.7 (450)	14 (356)	14 (356)	14 (356)	16 (406)	16 (406)
Width - in (mm)	22 (560)	22.6 (575)	25 (635)	25 (635)	25.5 (650)	25.5 (650)
Shell Thickness - in (mm)	0.32 (8)	0.32 (8)	0.32 (8)	0.32 (8)	0.38 (9.5)	0.38 (9.5)
Wheelbase - in (mm)	N/A	20.5 (520)	20.5 (520)	20.5 (520)	22.4 (570)	22.4 (570)
<b>PERFORMANCE</b>						
Centrifugal Force - lb (kN)	2000 (8.9)	2645 (11.8)	3086 (13.7)	3086 (13.7)	4492 (20)	4492 (20)
Vibrations Frequency - vpm (Hz)	4460 (74.3)	3300 (55)	3300 (55)	3300 (55)	3300 (55)	3300 (55)
Forward Travel Speed - mph (km/h)	0 - 1.5 (0 - 2.4)	0 - 2.2 (0 - 3.5)	0 - 2.2 (0 - 3.5)	0 - 2.2 (0 - 3.5)	0 - 2.2 (0 - 3.5)	0 - 2.2 (0 - 3.5)
Backward Travel Speed - mph (km/h)	0 - 1.5 (0 - 2.4)	0 - 1.2 (0 - 1.9)	0 - 1.2 (0 - 1.9)	0 - 1.2 (0 - 1.9)	0 - 1.2 (0 - 1.9)	0 - 1.2 (0 - 1.9)
Gradeability	27%	47%	47%	47%	36%	36%
Recommended Compaction Depth - in (mm)	9 (230)	12 (305)	13 (330)	13 (330)	14 (356)	14 (356)
<b>ENGINE</b>						
Manufacturer, Type	Honda, Gasoline	Kubota, Diesel	Honda, Gasoline	Kubota, Diesel	Honda, Gasoline	Kubota, Diesel
Model	GX160	EA330	GX390	EA330	GX390	EA330
Max Horsepower - hp (kW)	4.8 (3.6)	5 (3.7)	8.5 (6.3)	5 (3.7)	9.7 (7.2)	6 (4.5)
Engine Speed - rpm	3600	2500	2500	2500	3000	3000
Fuel Tank Capacity - qt (L)	3.3 (3.1)	5.1 (4.8)	6.5 (6.1)	5.1 (4.8)	6.5 (6.1)	5.1 (4.8)
Starting System	Recoil	Electric	Electric	Electric	Electric	Electric
<b>MISCELLANEOUS</b>						
Curb Clearance - in (mm)	13.4 (340)	8.7 (220)	8.7 (220)	8.7 (220)	9.7 (248)	9.7 (248)
Side Clearance - in (mm)	0.75 (20)	0.81 (20.5)	1 (25.5)	1 (25.5)	1.02 (26)	1.02 (26)
Water Tank Capacity - gal (L)	5.3 (20)	10 (38)	11.1 (42)	11.1 (42)	11.1 (42)	11.1 (42)

Engine power ratings are calculated by the individual engine manufacturer and the rating method may vary among engine manufacturers. Actual power output may vary due to conditions of specific use.

## Generators

### Small



**G25 | G40 | G50**

Doosan Portable Power features a comprehensive mobile generator line up, ready to supply the power you need at the touch of a button. With customer friendly control panels, no generator has ever been easier to use.

### Medium



**G70 | G125 | G150**

Challenging applications demand powerful alternators. Doosan specifies high-output, separately excited alternators that ensure unmatched motor starting capability and precision voltage control.

### Large



**G190 | G240 | G325 | G400**

Doosan mobile generators have been designed with the service technician in mind. With 500 hour intervals between fluid and filter exchanges, you can be sure that downtime for maintenance is minimized. All maintenance points are easily accessible and designed for fast and easy service.



### OIL, FILTERS & LUBRICANTS

Protect your investment in quality equipment with genuine OEM parts. Doosan Portable Power is your source for the highest-quality parts, filters and lubricants for your Doosan Portable Power products.

For information, please contact:  
800-633-5206  
portablepowersales@doosan.com

Or visit the Doosan Portable Parts Store:  
www.doosanportableparts.com

#### AVOID WET STACKING



#### AUTONOMOUS OPERATION



#### COLD TEMP



#### INCREASED UPTIME



### ILMS - INTELLIGENT LOAD MANAGEMENT SYSTEM

Light loads and extreme cold can wreak havoc on your diesel generator. The Doosan Portable Power optional Intelligent Load Management System (ILMS) solves the wet stacking problem and keeps your generator operating longer and stronger - reducing costly repairs and downtime.

ILMS automatically raises the engine and exhaust temperature with supplemental heat, achieving the optimal operating temperature to prevent diesel generator wet stacking and ensure generator performance in light load and fluctuating conditions. Engine manufacturers require a minimum of 30% load on the engine for optimum performance. If you have a small load at your jobsite, the ILMS option will allow you to meet that requirement, resulting in increased performance and reliability without sacrificing capacity or fuel economy.

## Air Compressors

### Small & Medium Air



**P185 | P185 Utility | XP185  
C185 | P250/HP210 | P425/HP375  
HP450/VHP400**

Our high-performance Doosan engines feature diesel oxidation catalyst (DOC) aftertreatment system, which is virtually maintenance-free. Our spin-on oil separation system reduces element changes to just two minutes.

### Large Air Low Pressure



**XP825/HP750 | HP915 | HP1600**

An enhanced ViewPort control panel, easy access to manuals, full color back-lit LED displays, and industry-leading service intervals streamline machine operation.

### Large Air High Pressure



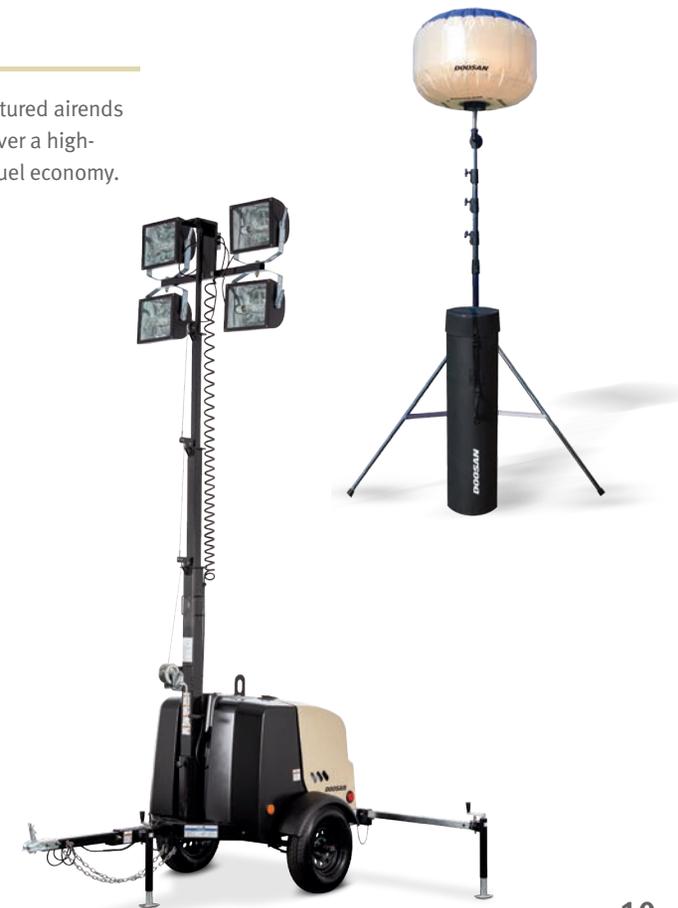
**XHP750 | XHP1170**

Doosan designed and manufactured airends require less horsepower to deliver a high-volume cfm output for greater fuel economy.

## Lighting Systems

### LCV & BALLOON LIGHT

Our lighting system products are built with professional-grade reliability and durability while meeting your illumination needs. For special events, road and bridge construction, emergency and disaster relief, and general construction sites, choose a Doosan Portable Power lighting system. Our LCV light tower has a compact footprint and an industry leading runtime of 105 hours on a single fill. The BL2000 balloon light provides 2,000 watts of light and is the optimal choice for applications where glare-free light is required. If your workday doesn't end, or your event heats up after the sun goes down, then you need to put the power of our lighting systems to work for you.



# ***DOOSAN***<sup>®</sup>

## **Portable Power**

Experience Doosan Portable Power and our industry-leading support and service. Whatever the job, we have the solution. From our comprehensive range of reliable air compressors, to lighting systems and generators, we have a solution to fit your needs. Running a successful business takes more than powerful equipment. That's why Doosan Portable Power partners with an experienced dealer network to stand beside you every step of the way. Doosan Portable Power — more than 100 years of providing excellence.



**Doosan Portable Power**  
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**[DoosanPortablePower.com](http://DoosanPortablePower.com)**

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