



DOOSAN. POWERFUL SOLUTIONS.

Light Compaction

Upright Rammers | Plate Compactors | Vibratory Rollers

DOOSAN

Table of Contents

About Us 1

Powerful Solutions 2

Upright Rammers

RX-264H - RX-344H 3

- RX-264H
- RX-304H
- RX-344H

Reversible Vibratory Plate Compactors

BXR-60H - BXR-300H 3

- BXR-60H
- BXR-100H
- BXR-200H
- BXR-300H

Forward Vibratory Plate Compactors

BX-60WH - BX-120WH 4

- BX-60WH
- BX-80WH
- BX-120WH

Walk-Behind Vibratory Rollers

SX-170H - DX-700E 4

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

Specifications 5-8

Doosan Portable Power
Full Line Overview 9-10



DOOSAN

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 galvanneal 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.

“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.

“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.

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

- Mike Venuti, Meruelo Group

DOOSAN. POWERFUL SOLUTIONS.

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

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 with the industry's largest capacity 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
WEIGHT & DIMENSIONS			
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 × l) - in (mm)	9 × 13 (230 × 330)	11 × 13 (280 × 330)	11 × 13 (280 × 330)
PERFORMANCE			
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 (m²)	2100 (195)	2530 (235)	2530 (235)
Max Recommended Compaction Depth - in (mm)	18 (460)	21 (530)	24 (610)
ENGINE			
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
WEIGHT & DIMENSIONS							
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)
PERFORMANCE							
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 ²)	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)
ENGINE							
Manufacturer, Type	Honda, Gasoline	Honda, Gasoline	Honda, Gasoline	Honda, Gasoline	Honda, Gasoline	Honda, Gasoline	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
WATER TANK							
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
WEIGHT & DIMENSIONS						
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)
DRUM						
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)
PERFORMANCE						
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)
ENGINE						
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
MISCELLANEOUS						
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.

Natural Gas



NG160 | NG225 | NG295

Designed to operate on municipal-supplied natural gas, liquid propane, and a broad range of oilfield wellhead fuel, these models are reliable, efficient and can greatly reduce operating costs compared with diesel units.



OIL, FILTERS & AIREND FLUIDS

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



REMANUFACTURING PROGRAM

Doosan's Certified Remanufacturing Program extends the life of your Doosan or Ingersoll-Rand portable air compressor or mobile generator, offering like-new performance at less cost, complete with a new warranty. Our Airend Exchange Program or remanufactured starters and alternators can also save you money.

Air Compressors

Small & Medium Air



**P185 | P185 Utility | XP185 Utility
P250/HP210 | C185 | 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.





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
1293 Glenway Drive
Statesville, NC 28625
DoosanPortablePower.com

©2019 Doosan Portable Power. All rights reserved.

Product improvement is a continuous goal at Doosan Infracore Portable Power. Specifications and design are subject to change without notice or obligation. Warranty terms and conditions on new product sales are subject to change. All products are subject to the terms of the applicable warranty in effect on the date of purchase; contact your local Doosan dealer for the current applicable warranty. Doosan® and the Doosan logo are registered trademarks of Doosan Corp. in the United States and various other countries around the world.