

Specifications

SIZES	DM05E50FERH	DM10E100FERH	DM10E200FERH	DM10E300FERH	DM20E200FERH
Length	40.75" (1.03m)	47" (1.19m)	63.50" (1.61m)	83.50" (2.13m)	63.50" (1.61m)
Width	40.75" (1.03m)	43" (1.09m)	43" (1.09m)	43" (1.09m)	43" (1.09m)
Height	24" (0.60m)	37" (0.94m)	37" (0.94m)	37" (0.94m)	37" (0.94m)
Weight (Dry)	370 lbs (168 kg)	495 lbs (225 kg)	600 lbs (273 kg)	700 lbs (318 kg)	740 lbs (336 kg)
TANK					
Capacity	50 Gal (189L)	100 Gal (378L)	200 Gal (756L)	300 Gal (1134L)	200 Gal (756L)
Material	Fiberglass	Fiberglass	Fiberglass	Fiberglass	Fiberglass
Agitation	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Strainer	Star - 16 Mesh				
POWER					
Engine Type	Honda GX 160	Honda GX 240	Honda GX 240	Honda GX 240	Honda GX 340
Horsepower	5.5 Horsepower	8 Horsepower	8 Horsepower	8 Horsepower	11 Horsepower
Starter	Electric/Recoil	Electric/Recoil	Electric/Recoil	Electric/Recoil	Electric/Recoil
PUMP					
Pump Type	Bean - 2 Piston	Bean - 4 Piston			
Rating	5 gpm@400 psi	10 gpm@500 psi	10 gpm@500 psi	10 gpm@500 psi	20 gpm@500 psi
Rating (Metric)	(19 L @ 27 Bar)	(38 L @ 33 Bar)	(38 L @ 33 Bar)	(38 L @ 33 Bar)	(76 L @ 33 Bar)
Relief Valve	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable

SIZES	DM20E300FERH	DM20E300SERH	DM10P200F	DM10P300F	DM20P300F
Length	83.50" (2.13m)	83.50" (2.13m)	63.50" (1.61m)	83.50" (2.13m)	83.50" (2.13m)
Width	43" (1.09m)				
Height	37" (0.94m)	46" (1.17m)	37" (0.94m)	37" (0.94m)	37" (0.94m)
Weight (Dry)	790 lbs (358 kg)	940 lbs (426 kg)	550 lbs (273 kg)	640 lbs (291 kg)	690 lbs (313 kg)
TANK					
Capacity	300 Gal (1134L)	300 Gal (1134L)	200 Gal (756L)	300 Gal (1134L)	300 Gal (1134L)
Material	Fiberglass	Stainless	Fiberglass	Fiberglass	Fiberglass
Agitation	Mechanical	Mechanical	Mechanical	Mechanical	Mechanical
Strainer	Star - 16 Mesh				
POWER					
Engine Type	Honda GX 340	Honda GX 340	PTO	PTO	PTO
Horsepower	11 Horsepower	11 Horsepower	540 rpm	540 rpm	540 rpm
Starter	Electric/Recoil	Electric/Recoil	N/A	N/A	N/A
PUMP					
Pump Type	Bean - 4 Piston	Bean - 4 Piston	Bean - 2 Piston	Bean - 2 Piston	Bean - 4 Piston
Rating	20 gpm@500 psi	20 gpm@500 psi	10 gpm@500 psi	10 gpm@500 psi	20 gpm@500 psi
Rating (Metric)	(76 L @ 33 Bar)	(76 L @ 33 Bar)	(38 L @ 33 Bar)	(38 L @ 33 Bar)	(76 L @ 33 Bar)
Relief Valve	Adjustable	Adjustable	Adjustable	Adjustable	Adjustable



Multi-Purpose Modular Hydraulic Sprayers

Superior Design

From our simple to operate designs, "over-built" construction and performance enhancing options, John Bean Sprayers are the professional's choice. Our legendary John Bean pumps deliver long-lasting value and performance. We offer an impressive lineup of sprayers for golf courses, grounds care, nurseries, tree care, pest control and row crops. In fact, John Bean Sprayers are more versatile now than ever. We have skid models for UTV's and pick-up trucks and trailer mounted units for trucks and tractors. We even have an optional DOT package for highway use.

Legendary Bean Pumps

We offer a choice of three reliable positive displacement John Bean pumps. Our 5 gpm pump delivers 400 psi while our 10 gpm and 20 gpm pumps both deliver 500 psi. These rugged piston pumps have cast iron cases, hardened crankshafts and ball-type main bearings which are seated in oil for long life. Non-wear ceramic cylinders also promote longevity. Other standard features include spring-loaded disc-type stainless steel valves, star suction strainer, adjustable relief valve and a liquid filled 0-600 psi pressure gauge.

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Grounds Care, Trees, Nurseries and Pest Control



Rugged Spray Tanks

Our corrosion resistant fiberglass and stainless steel spray tanks have tank-level sight gauges, polyethylene strainer baskets, non-leak lids and mechanical agitation systems with shaft assemblies that run the entire length of the tank.

Reliable Honda Engines

You'll appreciate the reliability of Honda's vibration-free overhead valve design, along with standard features such as "oil alert" and automatic decompression for easy starting. John Bean pumps and Honda engines combine to form the best power and performance package available.

Truck and Trailer Models

Our modular style DM05, DM10 and DM20 units are designed to be skid-mounted in trucks for applications like pest control and grounds care – jobs that require a lot of mobility. Alternatively, you can pull them behind turf tractors or other utility vehicles with one of our optional trailer packages. Either way you go, you can always count on top performance from the DM series sprayers.

John Bean Spray Booms

John Bean Spray booms reduce labor and increase sprayer efficiency. We have 3-section folding stainless steel booms available in 15, 21 and 28 foot lengths with a wide variety of nozzles, self aligning tips and self returning breakaways (all standard). We offer PVC booms in 20, 26, 32 and 39 foot lengths for low pressure jobs. In addition, you can order one of our unique "walking style" booms for those jobs that require special attention and care (available with 6 or 8 nozzles on 10 inch centers).

Boom Sprayers

Our DM10 and DM20 models make ideal boom sprayers when combined with a 100, 200 or 300 gallon tank. We have stainless steel booms available in four different lengths and noncorrosive PVC booms in four lengths. Power options include PTO or engine drive...both will give you maximum efficiency, top performance and maximum spraying time. Golf course maintenance, pest control, shade tree protection, you name it, these tough sprayer/boom combinations fill the bill for dozens of applications.



PVC Hose - Interior Diameter

3/8"	1/2"	5/8"	3/4"
410 ft	325 ft	225 ft	150 ft
410 ft	325 ft	225 ft	150 ft
N/A	N/A	600 ft	550 ft

Hose Reels Electric Motor

Manual - Small	N/A
Electric - Small	1/3 hp - 12V
Electric - Large	1/2 hp - 12V

Model	Pump GPM	Gun/Disc #	Nozzle PSI	Approx. Tree
DM05	5 gpm	757 / 7	250 - 300	10 - 20 ft
DM10	10 gpm	785 / 10	300 - 350	20 - 35 ft
DM20	20 gpm	785 / 14	250 - 350	35 - 50 ft

Booms	Material	Swath	Nozzles	Spacing
M105 Boom	304SS	16'	10	20"
M306 Boom	304SS	20'	12	20"
M308 Boom	304SS	26'	16	20"
M310 Boom	304SS	33'	20	20"
M312 Boom	304SS	39'	24	20"
15' Boom	304SS	15'	19	10"
21' Boom	304SS	21'	13	20"
28' Boom	304SS	28'	17	20"

Trailer - Axle Packages

	100 Gallon Sprayers	200 Gallon Sprayers	300 Gallon Sprayers
60" tread, 6 bolt hub, 11" clearance using 15" wheel includes clevis drawbar - use: general/turf	No	Yes	Yes
60-84" adjustable, 6 bolt hub, 22" clearance using 15" wheel - high clearance axle - use: general/row crop	No	Yes	Yes
Dual turf tire high flotation axle with four - 18 x 9.5 x 8-ply tires and drawbar - use: general/turf	Yes	Yes	Yes
Trailer kit with axle, two wheel, two - 18.5 x 9.5 x 4-ply tires and drawbar - use: general/turf	Yes	No	No
Highway axle kit, surge brakes with spring axle, lights, safety chains, fenders, 2" ball-hitch drawbar, two 16" wheels with 12 x 16.5 x 9.75-ply tires. Meets DOT standards - use: highway	Yes	Yes	Yes



John Bean Hose Reels

All of our hose reels help complete your spraying jobs in a big hurry. Available with either manual or electric rewinds, all reels feature large diameter spools with positive locks to prevent unreeling. Our large electrical model has 500 ft of hose capacity and a 1/2 hp 12-volt motor. Our small electrical model has 200 ft hose capacity and a 1/3 hp 12-volt motor. Reels can be mounted on tank tops, sides, front or rear and the hose is available in PVC or rubber with varying inside diameters and lengths.



705



757



785

John Bean Spray Guns

John Bean spray guns are a must for shrubs, plants and tree care. Our Model 757 has a double trigger "on-off" position and delivers up to 13 gpm at 600 psi. The Model 757 comes with an assortment of discs to regulate discharge volume and features "twist of the wrist" spray pattern adjustments. Our Model 785 high-pressure spray gun is unmatched for spraying tall trees. It delivers up to 48 gpm at 800 psi and adjusts quickly and easily from a fine mist for close-in jobs to a solid stream for tall or distant targets. We also have the Model 705 which is excellent on ground cover and other low growth shrubs.