



2010 Walking Beam Sprayer Brochure



Contact Us

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Walking Beam Sprayers

Walking Beam Sprayer Division

For over 40 years, PBM Supply & Mfg., Inc. has been an innovative leader in the construction and manufacture of Agricultural Sprayers. It is our goal to provide each customer with easy access to one-on-one technical expertise for construction, operational and application specific assistance.

Attractive Pricing

By developing and manufacturing our product in-house, PBM Supply & Mfg., Inc. pricing is a major source of envy for our competitors. We strive to offer the best value on the market. *All pricing listed in this catalog is subject to change without notice.*

Location

Headquarters—Chico, California, USA. A rural upstate town located approximately 75 miles (120 km) north of Sacramento, with branch office locations in both Fowler and Murrieta, California, USA.

PBM Limited Warranty

"PBM Supply & Mfg., Inc." warrants to the end user that all new PBM Supply & Mfg., Inc. Agricultural Sprayers and other PBM Supply & Mfg., Inc.- manufactured products will be free from defects in workmanship and materials. The duration of this warranty and of all other warranties that may be applicable to the purchase is a period of one year from the date of delivery to the end user. (Please see the complete Limited Warranty details for specific legal rights and limitations).

Off-Road Versatility

Get on your fields early with PBM Supply & Mfg. Inc.'s Walking Beam sprayers. Walking Beam axle systems are designed with four wheels and a center pivot, offering excellent stability and weight distribution. The All Terrain Walking Beam sprayer line up holds PBM Supply & Mfg. Inc.'s quality with it's tubular steel frame, adjustable width axle, and 4-ply flotation tires. These sprayers are a great option for high volume spraying over moist, wet field and orchard conditions with low ground compaction.

ATT-100-WB H-4H-PKG-1

Ideal for a variety of field applications. This walking beam sprayer package comes equipped with a gas powered engine, centrifugal pump, heavy duty field boom and a 12v Raven® three valve boom control and toggle box.

Features:

- ◆ 100 gallon polyethylene tank
- ◆ Steel powder coated frame
- ◆ Hypro® 1538 centrifugal pump kit
- ◆ Honda™ 120cc gas engine
- ◆ Four 22 x 11 inch 4-ply flotation tires
- ◆ Walking beam axle assembly
- ◆ 30 foot Field Boom
- ◆ Three valve Raven® spray control system
- ◆ Booster jet agitation system

ATT-100-WB H-4H-PKG-1 Includes

Item Number	Description
ATT-100-WB-H-4H	All Terrain Walking Beam sprayer with a 100 gallon tank capacity. Comes standard with a Hypro® 1538 centrifugal pump kit, Honda™ 120cc gas engine and four 22" x 11" 4-ply flotation tires.
ATT 30-FB05	Trailer mounted Field Boom with 19 spray nozzles and a 30 foot adjustable boom length. Comes standard with heavy duty hinges and coil shock support.
BM-RAVEN-3	Boom hanger mounted Raven® 12v triple control valve system.
PBM-TOGGLE BOX-4RAVEN® KIT	Raven® control including one master on/off switch and three individual valve controls for more precise boom selection. Comes standard with a four switch toggle box and wire harness.



Package Price \$6,006.00 EA

ATT-100-WB H-4H-PKG-2

Sturdy 100 gallon sprayer built to provide a stable ride minimizing bounce, allowing it to float through the orchard with low soil compaction. Package comes standard with a gas powered engine, centrifugal pump, adjustable orchard boom with quick change double swivels, and a triple manual valve control, allowing both solid and strip spraying options.

Features:

- ◆ 100 gallon polyethylene tank
- ◆ Steel powder coated frame
- ◆ Hypro® 1538 centrifugal pump kit
- ◆ Honda™ 120cc gas engine
- ◆ Four 22 x 11 inch 4-ply flotation tires
- ◆ Walking beam axle assembly
- ◆ 12-20 foot Orchard Boom with quick change double swivels
- ◆ Control post, with stainless steel manifold and three brass ball valves



ATT-100-WB H-4H-PKG-2 Includes

Item Number	Description
ATT-100-WB-H-4H	All Terrain Walking Beam sprayer with a 100 gallon tank capacity. Comes standard with a Hypro® 1538 centrifugal pump kit, Honda™ 120cc gas engine and four 22" x 11" 4-ply flotation tires.
ATT 12-20-OB-QJDS	Trailer mounted Orchard Boom with 13 spray nozzles and a 12-20 foot adjustable boom length. Comes standard with quick change double swivels, heavy duty hinges and chain support.
UPO-A-3-SS-3/8"	Universal post comes standard with a spray gun holster and hose wraps. Three-port stainless manifold includes eight feet of 1/2" inlet spray hose and 15 feet of 3/8" outlet spray hose.

Package Price \$4,173.00 EA

ATT-200-WB H-4H-PKG-1

This 200 gallon sprayer gives the option of pulling larger tank volumes minimizing refills while still being pulled by an ATV or Utility Vehicle. With great flotation in orchard conditions this walking beam sprayer stabilizes booms and limits bounce. This top of the line sprayer package comes standard with a gas powered engine, centrifugal pump, adjustable field boom, a 12v Raven® three valve boom control with toggle box, and four 4-ply flotation tires.

Features:

- ◆ 200 gallon polyethylene tank
- ◆ Steel powder coated frame
- ◆ Hypro® 1538 centrifugal pump
- ◆ Honda™ 120cc gas engine
- ◆ Walking beam axle assembly
- ◆ Four 22 x 11 inch 4-ply flotation tires
- ◆ 16-24 foot field boom with diaphragm nozzle bodies
- ◆ Three valve Raven® spray control system and PBM toggle box



ATT-200-WB H-4H-PKG-1 Includes

Item Number	Description
ATT-200-WB-H-4H	All Terrain Walking Beam sprayer with a 200 gallon tank capacity. Comes standard with a Hypro® 1538 centrifugal pump kit, Honda™ 120cc gas engine and four 22" x 11" 4-ply flotation tires.
ATT 16-24-FB-DIA-QJDS	Trailer mounted Field boom with 15 spray nozzles and a 16-24 foot adjustable boom length. Comes standard with diaphragm nozzle bodies, quick change double swivels, heavy duty hinges and coil shock support.
BM-RAVEN-3	Boom hanger mounted Raven® 12v triple control valve system.
PBM-TOGGLE BOX-4RAVEN® KIT	Raven® control including one master on/off switch and three individual valve controls for more precise boom selection. Comes standard with a four switch toggle box and wire harness.

Package Price 6,150.00 EA

Walking Beam Sprayers



ATT-100-WB H-4H-PKG-2



ATT-100-WB H-4H-PKG-1



ATT-200-WB H-4H-PKG-1

Package Comparisons:

COMPONENT	ATT-100-WB H-4H PKG-1	ATT-100-WB H-4H PKG-2	ATT-200-WB H-4H-PKG-1
Spray Boom	ATT 30-FB05, 30 foot Field Boom	ATT 12-20-OB-QJDS, 12 to 20 foot Orchard Boom with quick change double swivel	ATT 16-24-FB-DIA-QJDS, 16 to 24 foot Field Boom with diaphragm bodies and quick change double swivels
Nozzles	TP11002VP, 19 Visiflo® flat polymer Nozzles	(11) TP11002VP, Visiflo® flat polymer nozzles (2) OC-02, brass nozzles	TP11002VP, 15 Visiflo® flat polymer nozzles (2) OC-02, brass nozzles
Control Valve	BM-RAVEN-3, PBM-TOGGLE BOX-4RAVEN KIT, control valve system and PBM toggle box	UPO-A-3-SS-3/8", Three port control post including eight feet of inlet hose and 15 feet of outlet hose	BM-RAVEN-3, PBM-TOGGLE BOX-4RAVEN KIT, control valve system and PBM toggle box
Frame	A003-000, Steel powder coated	A003-000, Steel powder coated	A200-000, Steel powder coated
Tank	AP-100, 100 gallon polyethylene	AP-100, 100 gallon polyethylene	AP-200-32, 200 gallon polyethylene
Pump	1538, Hypro® centrifugal pump kit	1538, Hypro® centrifugal pump kit	1538, Hypro® centrifugal pump kit
Pump Drive	GX120UT1TX2, Honda™ 120cc gas engine	GX120UT1TX2, Honda™ 120cc gas engine	GX120UT1TX2, Honda™ 120cc gas engine
Pressure Relief Valve	12690-3/4-NYB, Nylon throttling valve	12690-3/4-NYB, Nylon throttling valve	12690-3/4-NYB, Nylon throttling valve
Tires	KT-W-22X11-8-4PLY, flotation tires	KT-W-22X11-8-4PLY, flotation tires	KT-W-22X11-8-4PLY, flotation tires
Hitch	11-200, 1 7/8" ball hitch	11-200, 1 7/8" ball hitch	11-200, 1 7/8" ball hitch
Plumbing	Standard 100 PSI with poly fittings	Standard 100 PSI with poly fittings	Standard 100 PSI with poly fittings
Filter	MLST150-50, 1 1/2" T strainer, 50 mesh screen	MLST150-50, 1 1/2" T strainer, 50 mesh screen	MLST150-50, 1 1/2" T strainer, 50 mesh screen
Gauge	LFG-100, Liquid filled 100 PSI gauge	LFG-100, Liquid filled 100 PSI gauge	LFG-100, Liquid filled 100 PSI gauge
Dry Weight (Approximate)	520 lbs	410 lbs	805 lbs
Total Width	100"	59"	59"
Total Length	110"	110"	139"
Total Height	43"	43"	54"
Price	\$6,006.00 EA	\$4,173.00 EA	\$6,150.00 EA



PBM Supply's specially designed Walking Beam system provides a stable ride reducing boom bounce, which eliminates costly skips and errors in the field.



High Crop Walking Beam Sprayers

High Crop Walking Beam

Give Your Sprayer a Lift

The High Crop Walking Beam system provides the same great flotation and stability of the regular Walking Beam, but gives the option to adjust height to clear young crops and adjust width for various field row spacing. These sprayers are ideal for row crop applications where the ability to adjust "on-the-fly" is needed, allowing you to get on the field early with an ATV, and later with a small tractor. One great sprayer for two big jobs.



ATT-100-WB H-4H-HC-PKG-1

Designed for that extra clearance that is required for bed application. This 100 gallon sprayer package comes standard with a gas powered engine, centrifugal pump, heavy duty field boom, manual three section boom control valve, and four 4-ply flotation tires for low soil compaction.

Features:

- ◆ 100 gallon polyethylene tank
- ◆ Steel powder coated frame
- ◆ Hypro® 1538 centrifugal pump kit
- ◆ Honda™ 120cc gas engine
- ◆ Walking beam axle assembly
- ◆ Four 22 x 11 4-ply flotation tires
- ◆ Heavy duty 30 foot field boom
- ◆ Three valve stainless steel spray control post

ATT-100-WB H-4H-HC-PKG-1 Includes

Item Number	Description
ATT-100-WB-H-4H-HC	All Terrain High-Crop Walking Beam sprayer with a 100 gallon tank capacity. Comes standard with a Hypro® 1538 centrifugal pump kit, Honda™ 120cc gas engine and four 22" x 11" 4-ply flotation tires.
ATT 30-FB05	Trailer mounted Field Boom with 19 spray nozzles and a 30 foot adjustable boom length. Comes standard with heavy duty hinges and coil shock support.
UPO-A-3-SS-1/2"	Universal post with a spray gun holster and hose wraps. This 3-port stainless manifold includes eight feet of 1/2" spray hose for inlet and 15 feet of 1/2" spray hose per outlet.

Package Price 5,501.00 EA

ATT-200-WB H-4H-HC-PKG-1

PBM's most popular field sprayer for those high-crop clearance adjustments. This 200 gallon sprayer package comes standard with a gas powered engine, centrifugal pump, drift control spray nozzles, heavy duty field boom with diaphragm nozzle bodies, 12 volt Raven® boom valves, a PBM toggle box, and four 4-ply flotation tires for low soil compaction.

Features:

- ◆ 200 gallon polyethylene tank
- ◆ Steel powder coated frame
- ◆ Hypro® 1538 centrifugal pump kit
- ◆ Honda™ 120cc gas engine
- ◆ Walking beam axle assembly
- ◆ Four 22 x 11 4-ply flotation tires
- ◆ 40 foot field boom with TDXL diaphragm nozzles
- ◆ Anti-drift Turbodrop® nozzles
- ◆ Three valve Raven® spray control system

ATT-200-WB H-4H-HC-PKG-1 Includes

Item Number	Description
ATT-200-WB-H-4H-HC	All Terrain High-Crop Walking Beam sprayer with a 200 gallon tank capacity. Comes standard with a Hypro® 1538 centrifugal pump kit, Honda™ 120cc gas engine, steel powder coated frame and four 22" x 11" 4-ply flotation tires.
ATT 40-FB05-DIA-TDXL	Trailer mounted Field Boom with 25 TDXL spray nozzles and a 40 foot adjustable boom length. Comes standard with diaphragm nozzle bodies, heavy duty hinges and double coil shock support.
BM-RAVEN-3	Boom hanger mounted Raven® 12v triple control valve system.
PBM-TOGGLE BOX-4RAVEN® KIT	Raven® control including one master on/off switch and three individual valve controls for more precise boom selection. Comes standard with a four switch toggle box and wire harness.

Package Price 8,951.00 EA

High Crop Walking Beam Sprayers



ATT-100-WB H-4H-HC PKG-1



ATT-200-WB H-4H-HC-PKG-1

Package Comparisons:

COMPONENT PARTS	ATT-100-WB H-4H-HC-PKG-1	ATT-200-WB H-4H-HC-PKG-1
Spray Boom	ATT 30-FB05, 30 foot Field Boom	ATT 40-FB05-DIA-TDXL, 40 foot Field Boom with diaphragm nozzle bodies
Nozzles	TP11002VP, 19 Visiflo® flat polymer nozzles	TDXL-11002, 25 Turbodrop® nozzles
Control Valve	UPO-A-3-SS-1/2", Three port control post including eight feet of 1/2" inlet hose and 15 feet of 1/2" outlet hose	BM-RAVEN-3, PBM-TOGGLE BOX-4RAVEN KIT, control valve system and PBM toggle box
Frame	A013-000, Steel powder coated frame	A013-000, Steel powder coated frame
Tank	AP-100, 100 gallon polyethylene tank	AP-200, 200 gallon polyethylene tank
Pump	1538, Hypro® centrifugal pump kit	1538, Hypro® centrifugal pump kit
Pump Drive	GX120UT1TX2, Honda™ 120cc gas engine	GX120UT1TX2, Honda™ 120cc gas engine
Pressure Relief Valve	12690-3/4-NYB, Nylon throttling valve	12690-3/4-NYB, Nylon throttling valve
Tires	KT-W-22X11-8-4PLY, Four 22" x 11" flotation tires	KT-W-22X11-8-4PLY, Four 22" x 11" flotation tires
Hitch	11-200, 1 7/8" ball hitch	11-200, 1 7/8" ball hitch
Plumbing	100 PSI, comes standard with poly fittings	100 PSI, comes standard with poly fittings
Filter	MLST150-50, 1 1/2" T strainer, 50 mesh screen	MLST150-50, 1 1/2" T strainer, 50 mesh screen
Gauge	LFG-100, liquid filled 100 PSI gauge	LFG-100, liquid filled 100 PSI gauge
Dry Weight (Approximate)	715 lbs	1,350 lbs
Total Width (minimum)	64"	64"
Total Length (minimum)	121"	135"
Total Height	59"	67"
Price	5,501.00 EA	8,951.00 EA



Transporting your Walking Beam sprayer's boom is easy with our folding Field boom.

Available Accessories:

Booms



ATT 40-FB05
\$2,783.00 EA
 Trailer mounted Field Boom with 25 spray nozzles and a 40 foot adjustable boom length. Comes standard with heavy duty hinges and double coil shock support.



ATT 6-11-VBA
\$912.00 EA
 Trailer mounted Vineyard Boom with two spray nozzles and a 6-11 foot adjustable boom length. Comes standard with boom covers and vineyard hinges. Sprayer not included



ATT 8-10-12 VERT BOOM
\$2,189.00 EA
 Trailer mounted Double Row Vertical Strip Boom with four spray nozzles and a 8-10-12 foot adjustable boom length. Comes standard with heavy duty hinges and coil shock support. Sprayer not included

Control Post & Systems



UPO-A-4-SS-1/2"
\$306.00 EA
 Universal post with a four port manifold and eight feet of 1/2 inch spray hose for inlet. Comes standard with a spray gun holster, hose wraps and 15 feet of 1/2 inch spray hose per outlet.



PBM-440 RAVEN-RADAR KIT
\$3,792.00 EA
 440 Raven® radar kit.



PBM-440 RAVEN-WHEEL KIT
\$3,345.00 EA
 440 Raven® wheel drive kit.



BM-145H-1
\$309.00 EA
 145H-1 12v valve mounted.



BM-RAVEN-3
\$829.00 EA
 Boom hanger mounted Raven® 12v triple control valve system.

Control Systems



PBM-ENVIZIOPRO-PKG-2
\$6554.00 EA
 Package includes the Envivio Pro kit. Comes complete with the Raven® 440 system and all associated components. (12v boom valves are sold separately).

Gun Kits & Other Items



43LA-AL-25-12-KIT
\$136.00 EA
 Spray gun kit includes one #43LA aluminum spray gun and 25 feet of 1/2 inch spray hose.



X102-000
\$196.40 EA
 Walking beam drop axles, tires and wheels sold separately.



ATT-100 WB-H-4H-HC PKG-1



ATT-200 WB-H-4H-HC-PKG-1



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