



2012 HAV Sprayer Brochure



www.pbmsprayers.com

Chico ~ 1-800-688-1334
Northern California

Fowler ~ 1-877-688-1334
Central California

Murrieta ~ 1-866-922-7627
Southern California

Agricultural & Professional HAV Sprayers

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.

Agricultural & Professional Sprayer Division

Reliable Products

Over four decades of manufacturing experience is reflected in every aspect of your PBM Supply & Mfg., Inc. product. By listening closely to our customers we are able to provide Tank Trailers with innovative features and exceptional reliability.

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.*

Complete Range

In addition to an extensive selection of standard Agricultural Sprayers, we specialize in the manufacturing product "specific-to-individual-needs".

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).



Spraying Made Easy

The HAV 150 sprayer line makes your spraying job easier and more enjoyable. See your productivity increase with this high quality Self-Propelled Sprayer by PBM Supply & Mfg., Inc.



HAV 150G-22-PKG-1

Work in relative comfort with this 150 gallon self-propelled sprayer. Sprayer comes equipped with a centrifugal pump, gas engine, power steering, two-speed hydrostatic drive and lugged rear tires.

Features:

- ◆ 150 gallon polyethylene tank
- ◆ Hypro® 9303P centrifugal pump
- ◆ Kohler® 22hp gas engine
- ◆ Power steering
- ◆ Two speed hydrostatic drive
- ◆ Two 23 x 1050-12 front tires
- ◆ Two 26 x 12-12 lugged rear tires
- ◆ Raven® 440 complete spray control system
- ◆ 15-20 foot hydraulic spray boom with TDXL nozzles
- ◆ Hannay® hose reel
- ◆ 43L aluminium spray gun with 100 feet of 3/8 inch hose



HAV 150G-22-PKG-1 Includes

Item Number	Description
HAV 150G-22	Self Propelled sprayer with 150 gallon tank capacity. Comes standard with a Kohler® 22hp gas engine, 9303P Hypro® centrifugal pump, power steering, 2-speed hydrostatic drive, two 23 x 1050-12 front tires and two 26 x 12-12 lugged rear tires.
HAV BOOM HYD 20-28 TDXL	Hav hydraulic spray boom. Comes standard with 19 TDXL spray nozzles with quick change double swivels, a 81" rear-strip boom and hydraulics for controlled boom arm movement.
HAV HOSE REEL	Hannay® hose reel with 100 feet of 3/8 inch PVC spray hose and a 43L aluminum spray gun.
HAV RAVEN® 440 SYSTEM	Raven® 440 console with 19 foot cable, 3/4" control valve, wheel drive speed sensor with 21 foot cable and RFM 15 flow meter.

Call for pricing

HAV Sprayer



The Ultimate spraying machine

The HAV 300 series is our most popular Self-Propelled Sprayer, taking spraying to a whole new level. For the growers with large acreage or the commercial sprayer it doesn't get much better than the HAV 300.



HAV 300D-38CPD CENT-PKG-1

Shield yourself from the elements in a controlled atmosphere spray cab. This 300 gallon tank capacity self-propelled sprayer comes standard with centrifugal pump, diesel engine, air conditioning, CD player and a hydraulic spray boom.

Features:

- ◆ 300 gallon polyethylene tank
- ◆ Kubota® 38hp diesel engine
- ◆ Hypro® 9303P centrifugal pump
- ◆ Two 25 x 10.50-15 front tires
- ◆ Two 27 x 10.50-15 rear tires
- ◆ Raven® 440 complete spray control system
- ◆ 17-25 foot hydraulic spray boom with TDXL nozzles
- ◆ Heat and air conditioning combo
- ◆ CD player with antenna
- ◆ 12v actuated boomless nozzle assembly

HAV 300D-38CPD CENT-PKG-1 Includes

Item Number	Description
HAV 300D-38CPD CENT	Self-propelled sprayer with a 300 gallon tank capacity. Comes standard with a Kubota® 38hp diesel engine and Hypro® centrifugal pump.
HAV BOOM HYD 17-25 TDXL	Hydraulic boom with a 17-25 foot boom length and includes 15 TDXL spray nozzles.
HAV HEATER A/C COMBO	Heater / Air-conditioner combo comes factory installed, not retro fitted.
HAV RAVEN® 440 SYSTEM	Raven® 440 console with 19 foot cable, 3/4" control valve, wheel drive speed sensor with 21 foot cable and RFM 15 flow meter.
HAV STEREO CD PLAYER	CD player with antenna.
PBM-12V-BOOMLESS NOZZLE	12 volt actuated boomless nozzle.

Call For Pricing



HAV 150G-22-PKG-1



HAV 300D-38CPD CENT-PKG-1

Package Comparisons:

COMPONENT	HAV 150G-22 -PKG-1	HAV 300D-38CPD CENT-PKG-1
Spray Boom	HAV BOOM HYD 15-20 TDXL,	HAV BOOM HYD 17-25 TDXL,
Nozzles	TDXL-11002, TDXLV-02, OC-04, Turbo Drop nozzle system	TDXL-11002 / TDXLV-02 / OC-04, Turbo Drop nozzle system
Control Valve	HAV Raven® 440 System,	HAV Raven® 440 System,
Spray Gun	AA43L-AL6	N/A
Frame	H701-000, Steel powder coated	Steel powder coated
Tank	150 gallon polyethylene	300 gallon polyethylene
Self-propelled Drive	Kohler® 22hp gas engine	Kubota® 38hp diesel engine
Pump	Hypro® 9303P centrifugal	Hypro® 9303P centrifugal
Pump Drive	Hydraulic motor	Hydraulic motor
Tires	(two) 23x1050-12 front tires / (two) 26x12-12 lugged rear tires	(two) 25 x10.5-15 (front) / (two) 27 x10.5-15 (rear)
Hitch	Ball mount	2 inch receiver
Plumbing	1 1/4" suction / 3/4" press	1 1/4" suction / 1" press (with two, bypass)
Filter	AA126ML-F75-50	AA126ML-F75-50
Gauge	LFG-160 (160 PSI)	LFG-160 (160 PSI)
Hose	1/2" on boom	1/2" on boom
Hose Reel	Hannay® 1514-17-18	N/A
Wire Harness	Custom	Custom
Lid Lock	16" hinged Manway lid	16" hinged Manway lid
Dry Weight (Approximate)	1,570 lbs	2,780 lbs
Total Width	55" (without booms)	72" (without booms)
Total Length	11 feet	13 feet
Total Height	60"	69"
Price	Call For Pricing	Call For Pricing

Base models (options not included)

Item Number	Description
HAV 150D-22	Self-propelled sprayer with a 150 gallon tank capacity. Comes standard with a Kubota® 22hp diesel engine, 9303P Hypro® centrifugal pump with low pressure warning alarm, power steering, two-speed hydrostatic drive system, two 23 x 10.50 x 12 front tires and two 26 x 12 x 12 lugged rear tires.
HAV 150G-22	Self Propelled sprayer with a 150 gallon tank capacity. Comes Standard with a Kohler® 22hp gas engine, 9303P Hypro® centrifugal pump with low pressure warning alarm, power steering, 2-speed hydrostatic drive, two 23 x 1050-12 front tires and two 26 x 12-12 lugged rear tires.
HAV 300D-38CPD	Self-propelled sprayer with a 300 gallon tank capacity. Comes standard with a Kubota® 38hp diesel engine, D30 Hypro® diaphragm pump, basic plumbing, wind-shield, two-speed hydrostatic transmission, two 25 x 10.50 x 15 soft trac front tires and two 27 x 10.50 x 15 Terra rear tires.
HAV 300D-38CPD CENT	Self-propelled sprayer with a 300 gallon tank capacity. Comes standard with a Kubota® 38hp diesel engine and Hypro® centrifugal pump with low pressure warning alarm, basic plumbing, windshield, two-speed hydrostatic transmission, two 25x10.50x15 soft trac front tires and two 27 x 10.50 x 15 Terra rear tires.
HAV 300D-38CPD CENT CABLS	Cableless version of the self-propelled sprayer with a 300 gallon tank capacity. Standard equipped with a Kubota® 38hp diesel engine and Hypro® centrifugal pump, basic plumbing, windshield, two-speed hydrostatic transmission, two 25 x 10.50 x 15 soft trac front tires and two 27 x 10.50 x 15 Terra rear tires.
HAV 300D-38CPD CENT/TURBO	Self-propelled sprayer with a 300 gallon tank capacity. Comes standard with a Kubota® 41hp diesel engine and centrifugal pump with low pressure warning alarm, basic plumbing, windshield, two-speed hydrostatic transmission, two 25 x 10.50 x 15 soft trac front tires and two 27 x 10.50 x 15 Terra rear tires.
HAV 300D59T-CENT 4X4	Self-propelled sprayer with a 300 gallon tank capacity. Comes standard with a Kubota® 56hp diesel engine, 2-speed hydrostatic drive, 9303P-HMC2 centrifugal pump with low pressure warning alarm, heavy-duty axles, four 29 x 12.50 x 15 tires and full instrumentation.

Notes: Units shown above are base models only and do not include options or accessories such as booms, gunkits and control valves

HAV Sprayer



Available Accessories:

Booms & Nozzles



HAV BOOM 12V ACTUATED

12 volt electric actuated boom with 14-20 foot boom arm span.



HAV BOOM HYD 17-25 COMBO

HAV boom with three sections, side, front and rear. Hydraulic ram fold booms up, down and back for travel. Boom includes 13 spray nozzles and double swivel nozzles on each end. Rear boom coil shock support with four position break away hinge. Boom span set at 20 feet.



HAV BOOM HYD 17-25 TDXL

Hydraulic boom with a 17-25 foot arm span and includes 15 TDXL spray nozzles.



PBM-12V-BOOM-LESS NOZZLE

12 volt actuated boomless nozzle.

Control Systems and Hose Reels



HAV RAVEN 440 SYSTEM

Raven® 440 console with 19 foot cable, 3/4 inch control valve, wheel drive speed sensor with 21 foot cable and RFM 15 flow meter.



HAV BEACON STROBE OPTION

Remote mounted 12 volt magnetic strobe, complete with lighting, wiring and an adaptor plug.



HAV HOSE REEL

Hannay® hose reel with 100 feet of hose and a 3/8 43L aluminum gun.



Chemical Handling Systems



CXSS-CLOSED MIX

Stainless Steel closed mixing and rinsing system vat. Designed for 1 and 2.5 gallon chemical containers. Closed mix system comes with 1 1/2" chemical suction, 1 1/4" purging rinse, 1" sparge tube and a graduated calibration tube for metering. System plumbs into suction based spray systems.

Other Items



HAV 31X15.50X15 ADDER

HAV upgrade 31X15 50X15 rear tires.



HAV CAB FILTRATION SYSTEM

Clean air filtration system with pressurizer.



HAV HEATER A/C COMBO

Heater/Air-conditioner combo comes factory installed, not retro fitted.



HAV STEREO CD PLAYER

CD player with antenna.

Banjo Closed Mix System

For complete system the following part numbers are necessary.





PBM Supply & Manufacturing, Incorporated Company Profile

Products: Durable Agricultural Sprayers of all types for all industries and individuals. We build agricultural sprayers for customers throughout the world. All of our sprayers are easily customized, to meet your unique needs and specifications.

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.

Much of the success of PBM Supply & Mfg., Inc. is attributed to the company's emphasis on quality, service, and delivery.

Quality: Our Agricultural Sprayers are simply the most durable and well-engineered in the industry. We invite anyone to compare our heavy-duty construction with the competition.

Service: Our sales engineering staff go to extra lengths to understand your application needs and help you select the best Agricultural Sprayers for the job. All have significant experience out in the shop building sprayers from the ground up. They are all ready and able to knowledgeably answer your questions.

Delivery: Agricultural Sprayer orders are all built with modular design, so each individual agricultural sprayers comes with its own unique construction parameters. Yet, agricultural sprayers generally ship within a reasonable amount of time. (Highly engineered and customized agricultural sprayers sometimes take a little longer.) Most part orders are fulfilled within 24 hours.

The technology behind the design and manufacture of PBM Supply & Mfg., Inc. Agricultural Sprayers have steadily evolved since the company began in 1969. And for over forty years, PBM Supply & Mfg., Inc. has continued to be an innovative leader in the construction and manufacture of all types of agricultural sprayers standard for the entire agricultural industry. Employees at PBM Supply & Mfg., Inc. all share the pride in their work that was founded forty years ago.

PBM Supply & Mfg., Inc. is a modern company with state-of-the-art facilities. Craftsmanship is just as important as technology, and customers find this craftsmanship in everything the company does, from sprayer design, to manufacturing, to shipping, to service... that's The PBM Way.



