

THE HANDLER

P R O D U C T G U I D E

Safe. Fast. Effective.
The way a job was meant to be handled.



THE HANDLER

Over 30,000 farmers can't be wrong.

LOAD YOUR SPRAYER FASTER AND GET BACK IN THE FIELD

A world-class chemical handling system for both ground and aerial applicators.

One of the biggest headaches in agricultural spraying is getting your crop protection products safely loaded, mixed and transported to the sprayer in as little time as possible, while minimizing product contact. The Handler accomplishes this.

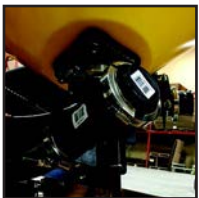
The Handler is a proprietary line of chemical handling systems that enables quick, easy and safe mixing and loading of agricultural chemicals into sprayers, airplanes and hauling tank systems. Originally developed by a Canadian farmer who was tired of having to climb up onto his sprayer to dump 2 1/2 gallon jugs of chemical, only to have to fight with rinsing them, The Handler has evolved into a total crop protection management system.



The one and only original Handler Knife.

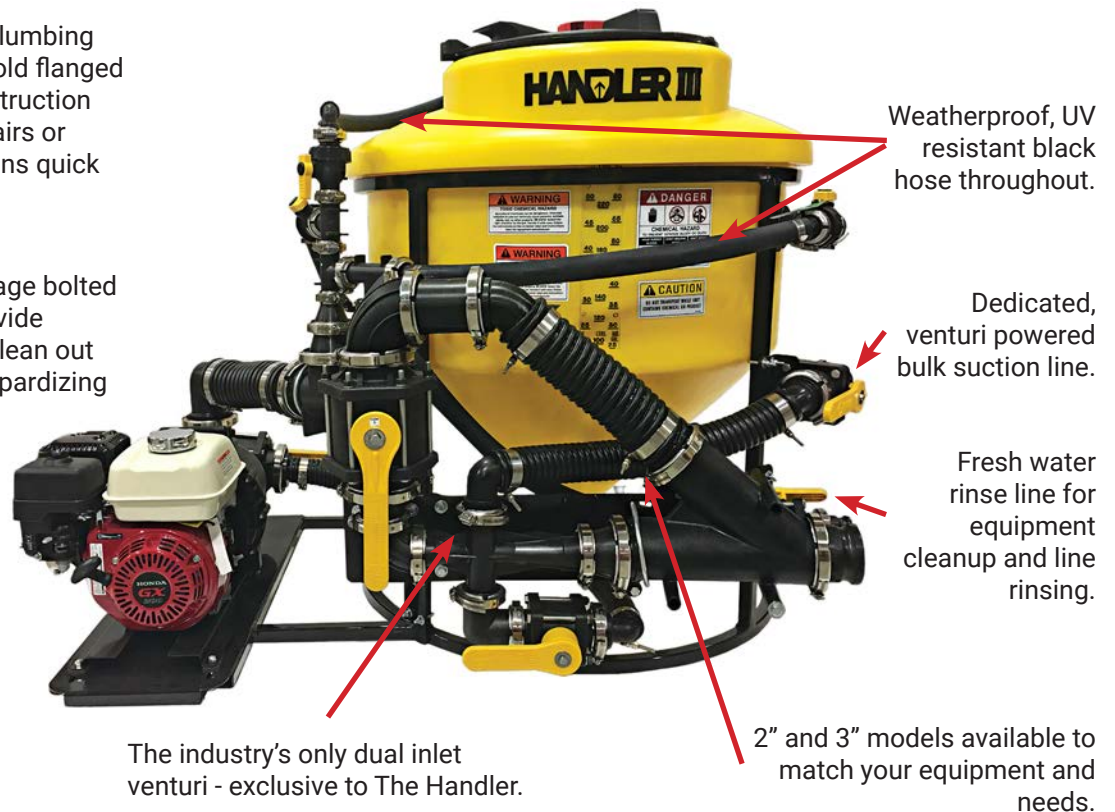


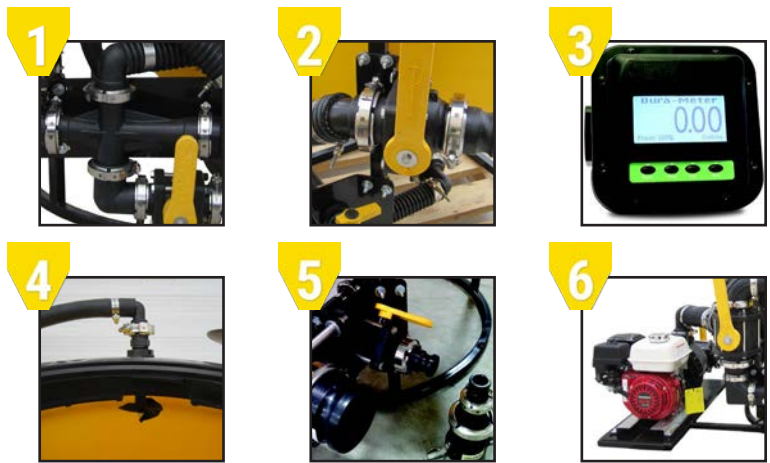
Leak free plumbing with manifold flanged fitting construction makes repairs or modifications quick and easy.



Total drainage bolted fittings provide complete clean out without jeopardizing durability.

Available in 20 models and loaded with innovative features, The Handler has been field proven on tens of thousands of farms across 23 countries. The key to a successful spraying operation is spending less time loading and more time spraying, without sacrificing safety. The Handler combines safety, speed and effectiveness into a unit which will become the lifeblood of any spraying operation.





The Handler became the top selling specialty loading system in North America because of its ability to cut, empty and rinse a container in seconds. As spraying has changed, so has The Handler. In addition to The Handler Knife, the system also mixes powders and dry products easily and quickly, draws from bulk containers using The Handler venturi on select models, and utilizes cone-bottom tanks to easily accommodate batch mixtures and bulk chemical metering.

THE HANDLER IS SUCH A GREAT INVESTMENT FOR YOUR SPRAYING OPERATION, YOU'LL WONDER WHY YOU DIDN'T BUY ONE BEFORE!

THE HANDLER COMES COMPLETE WITH:

- 2 or 3 inch camlocks for easy hook-up
- A proprietary, high-performance dual inlet venturi fitting, to empty your Handler in seconds using only the water flow from virtually any transfer pump (Handler II & III models)
- Bulk adapter connections to draw chemical directly from bulk containers or totes without the need for a separate, slow chemical pump (Handler II, III and IV models)
- A high-visibility, calibrated, cone-bottom tank that works on any terrain
- Optional frames that accommodate any 2 or 3 inch transfer pump (Handler II, III & IV models)
- Optional recirculation packages to allow for batch mixing (Handler II, III & IV models)

FEATURES & BENEFITS:

1. Increased speed and the reduction of the bottlenecks normally associated with loading a sprayer are the keys to spending less time loading the sprayer and more time using it. The Handler EXCLUSIVE double venturi allows for easy and seamless suction between The Handler tank and an outside bulk container.
2. Each Handler II, III and IV is now bulk ready, allowing you to cut out low volume 12 volt pumps and utilize the proven speed of The Handler venturi to move chemical faster than ever.
3. Draw from bulk containers using your Handler II, III and IV. By adding a 1" or 2" Banjo magnetic flow meter, 1" GPI flow meter, or Dura Meter for optional metering, you use The Handler venturi to directly induct product into the fill line. This non-mechanical process eliminates the need for slow chemical pumps and simply won't break down.
4. RotaCraft tank rinse nozzles come standard inside every Handler III and IV. These high capacity tank rinse nozzles prevent cross contamination, and quickly and easily rinse out the tank.
5. A newly updated plumbing system featuring Banjo manifold threadless fittings on all wash, rinse, and agitation lines, is available with every Handler II, III and IV model. With the manifold system leaks are eliminated and parts are easier to repair or replace.
6. A "pump-less" kit is optional with The Handler II, III, and IV. The kit comes complete with a recirculation package (making it easy to batch mix virtually any chemical); a pump frame (Handler II and III only); and all of the assembly hardware needed to mount your own pump.

THE SECRET OF THE HANDLER KNIFE

The Handler uses the original Knife system to cut plastic chemical containers, empty their contents for mixing, and fully rinse the container for safe disposal. This all in less than 30 seconds while filling your sprayer! There is no waste or residual chemical left in the container once rinsed. Working in conjunction with a custom-made Handler venturi, The Handler can save you time and money, and decrease your risk of exposure to potentially harmful chemicals.



THE HANDLER

PRODUCT GUIDE CHART

HANDLER PRODUCT ID	VOLUME USG	VOLUME LITERS	TANK CALIBRATION	FITTING SIZE	VENTURI SIZE	ROTACRAFT	VENTURI DRAW	INTEGRATED PUMP	RECIRCULATION	PUMP FLOW (GPM/LPM)	HONDA ENGINE	PUMP END
H12	15	59	US & IMP & L	2"	1.5"	No	Tank	None		250/946		
H22		160	US & L	2"	2"	No	Tank & Bulk	None		250/946		
H22RK	42	160	US & L	2"	2"	No	Tank & Bulk	None	Yes	250/946		
H22P55	42	160	US & L	2"	2"	No	Tank & Bulk	2"	Yes	250/946	GX160	BANJO
H23	42	160	US & L	3"	2"	No	Tank & Bulk	None		280/1060		
H23RK	42	160	US & L	3"	2"	No	Tank & Bulk	None	Yes	280/1060		
H23P65	42	160	US & L	3"	2"	No	Tank & Bulk	3"	Yes	280/1060	G200	BANJO
H32	70	275	US & IMP & L	2"	2"	Yes	Tank & Bulk	None		250/946		
H32RK	70	275	US & IMP & L	2"	2"	Yes	Tank & Bulk	None	Yes	250/946		
H32P55	70	275	US & IMP & L	2"	2"	Yes	Tank & Bulk	2"	Yes	250/946	GX160	BANJO
H33	70	275	US & IMP & L	3"	2"	Yes	Tank & Bulk	None		280/1060		
H33RK	70	275	US & IMP & L	3"	2"	Yes	Tank & Bulk	None	Yes	280/1060		
H33P65	70	275	US & IMP & L	3"	2"	Yes	Tank & Bulk	3"	Yes	280/1060	GX200	BANJO
H33HD	70	275	US & IMP & L	3"	2"	Yes	Tank & Bulk	None		280+		
H33HDP13	70	275	US & IMP & L	3"	2"	Yes	Tank & Bulk	3"	Yes	280+	GX390	HYPRO
H43RK	230	870	US & L	3"	2"	Yes		2"	Yes	280/1060		
H43RKV	230	870	US & L	3"	2"	Yes	Bulk	2"	Yes	280/1060		
H43P65	230	870	US & L	3"	2"	Yes		3"	Yes	280/1060	GX200	BANJO
H43P65V	230	870	US & L	3"	2"	Yes	Bulk	3"	Yes	280/1060	GX200	BANJO
H43P13	230	870	US & L	3"	3"	Yes		3"	Yes	280+	GX390	HYPRO
H43P13V	230	870	US & L	3"	2"	Yes	Bulk	3"	Yes	280+	GX390	HYPRO



The H12 is the most compact Handler and is designed for direct induction of chemical into sprayers. This is the leanest model that will pierce, empty, and clean 10L and 20L jugs without slowing down your sprayer filling. Ideal for one man operations, those with limited space, and anyone looking to improve the jughandling tanks that come with most new sprayers. The Handler I is a free standing unit and is a popular factory installed option with some of the top sprayers on the market today.

The Handler I also features a special venturi designed for sprayers with capacities of 500 gallons or less.



FEATURES & BENEFITS

- Compact space saver
- Comes with the original Handler Knife
- Capable of piercing, emptying and rinsing 10L/20L containers easily
- Simple four-valve operation

QUICK SPECIFICATIONS

- 15 US gal/59L
- 2" camlock connections
- 16" threaded lid
- 1.5" venturi

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H12	28	26	35	0.7	0.7	0.9	45	20

HANDLER II

H22P55

The H22P55 is all of the functionality you need for sprayer filling in a compact and cost-effective platform. The integrated transfer pump performs sprayer filling along with all of your liquid and dry handling needs; closed loop recirculation and agitation, bulk chemical induction, 10L / 20L container emptying and rinsing, direct chemical induction to sprayer. The field tested valve arrangement allows you to use it whichever way suits your application; a venturi based system that keeps the water pump free of chemical at all times, or a closed loop recirculation system for aggressive agitation and even faster chemical handling.

The H22P55 comes standard with The Handler's proprietary dual-inlet venturi. This allows the venturi to draw from The Handler tank or from a bulk chemical container without any extra plumbing or hoses.



H22

FEATURES & BENEFITS

- Full 10L/20L container emptying and rinsing capabilities
- Comes with The Handler Knife
- Closed loop recirculation
- Venturi with Handler and bulk draw capabilities
- Tank can be emptied via the venturi or via direct pump draw

QUICK SPECIFICATIONS

- 42 US gal/160L
- 2" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- 2" Banjo pump / GX160 Honda

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H22	35	33	41	0.9	0.8	1	120	54
H22RK	50	35	41	1.3	0.9	1	190	86
H22P55	50	35	41	1.3	0.9	1	190	86



HANDLER II

H23

The H23 is the most compact model that still offers all the flow and functionality of the larger models. Suitable for everything from dry flowables, to 10L and 20L containers, to bulk containers, this is the most compact 3" inductor system on the market. Water is simply pumped to the inlet of the H23 which provides the flow to agitate and fill the tank, empty and rinse containers, power the dual inlet venturi, rinse the tank, and of course transfer water to your sprayer tank.

The Handler exclusive dual inlet venturi comes plumbed to draw from your choice of The Handler tank or your bulk containers, directly into your sprayer fill line.

The full 3" bypass line on the H23 is designed to handle the rigors of any pump with capacities of up to 280 GPM (1060 LPM) without any concern for pressure. Banjo's exclusive sweep elbows are used to eliminate as much line turbulence as possible.



FEATURES & BENEFITS

- Full 10L/20L container emptying and rinsing capabilities
- Comes with the original Handler Knife
- Dual port venturi with Handler and bulk draw capabilities
- Durable 3" bypass for flows up to 280 GPM

QUICK SPECIFICATIONS

- 42 US gal/160L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H23	35	40	41	0.9	1	1	140	64
H23RK	56	40	41	1.4	1	1	210	95



HANDLER II

H23P65

The H23P65 is the industry's smallest complete inductor system to utilize a full 3" plumbing system. Utilizing sweep elbows to reduce corner turbulence, the H23P65 bypasses water to your sprayer with almost no drop in pump output.

The Banjo 3" transfer pump (the proven 300PO) is powered by a Honda GX200 engine. Honda has tested this Handler configuration and as a result your Handler's Honda engine is covered by Honda Warranty at any authorized service centre in the world.

For periodic users of dry flowables, solubles, or AMS The Handler H23P65 is an ideal choice.



FEATURES & BENEFITS

- Full 10L/20L container emptying and rinsing capabilities
- Comes with the original Handler Knife
- Dual port venturi with Handler and bulk draw capabilities
- Closed loop recirculation and agitation

QUICK SPECIFICATIONS

- 42 US gal/160L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- 3" Banjo pump/GX200 Honda engine



MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H23P65	56	40	41	1.4	1	1	210	95



HANDLER III

H32P55

After 25 years, the H32P55 remains one of the best selling models in the entire Handler lineup. A larger 70 US gallon tank allows for handling higher volumes of dry flowables and powders which can be easily mixed into solution with the integrated pump and closed loop recirculation. Full functionality includes: Handler tank filling and agitation, closed loop recirculation, dual inlet venturi draw from your choice of Handler tank or bulk containers, 10L & 20L container emptying and rinsing, tank rinsing, a wash line, and of course water transfer to the sprayer tank.

All the functionality with a larger tank, combined with cost effective 2" plumbing and pump, make the H32P55 a steady favourite on the farm.



H32



FEATURES & BENEFITS

- Full 10L/20L container emptying and rinsing capabilities
- Dual port venturi with Handler and bulk draw capabilities
- Integrated transfer pump
- Comes with the original Handler Knife
- Closed loop recirculation and agitation
- Tank emptying by venturi or direct pump draw

QUICK SPECIFICATIONS

- 70 US gal/275L
- 2" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- 2" Banjo pump/GX160 Honda engine
- Rotacraft tank rinsing nozzle

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H32	42	41	44	1.1	1	1.1	160	73
H32P55	56	41	44	1.4	1	1.1	230	104



HANDLER III

H33

The H33 is the super-sized version of the popular H23. With its larger tank it is perfect for handling everything from dry flowables, to 10L and 20L containers, to bulk containers. Water is simply pumped to the inlet of the H33 which provides the flow to; agitate and fill the tank, empty and rinse containers, power the dual inlet venturi, rinse the tank, and of course transfer water to your sprayer tank. The Handler exclusive dual inlet venturi comes plumbed to draw from your choice of The Handler tank or your bulk containers, directly into your sprayer fill line.

The full 3" bypass line on the H33 is designed to handle the rigors of any pump with capacities of up to 280 GPM (1060 LPM) without concern for pressure. Banjo's exclusive sweep elbows are used to eliminate as much line turbulence as possible. To ensure this larger tank size can be thoroughly cleaned, all H3 models incorporate the Rotacraft tank cleaning nozzle.



FEATURES & BENEFITS

- Dual port venturi with Handler and bulk draw capabilities
- Full 10L/20L container emptying and rinsing capabilities
- Durable 3" bypass for flows up to 280 GPM (1060 LPM)
- Comes with the original Handler Knife

QUICK SPECIFICATIONS

- 70 US gal/275L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- Rotacraft tank rinsing nozzle



MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H33	42	44	44	1.1	1.1	1.1	180	82
H33RK	58	44	44	1.5	1.1	1.1	250	114



HANDLER III

H33P65

The H33P65 has been the most popular on-farm model for many years. The large 70 US gallon tank combined with the steep cone tank, agitation nozzle, and dual inlet venturi make this the most versatile of all Handlers. With capacity to agitate larger volumes of dry products the H33P65 is commonly found in areas where high volumes of AMS are used. Due to the larger tank size, a RotaCraft tank rinsing nozzle has been added to HandlerIII models to ensure proper cleanout when switching chemicals.

Designed specifically to work with a Banjo 3" polypropylene pump powered by a Honda GX200 engine, water bypass rates are accomplished with almost no reduction in flow your sprayer.



H33



FEATURES & BENEFITS

- Full 10L/20L container emptying and rinsing capabilities
- Dual port venturi with Handler and bulk draw capabilities
- Integrated transfer pump
- Comes with the original Handler Knife
- Closed loop recirculation and agitation
- Tank emptying by venturi or direct pump draw

QUICK SPECIFICATIONS

- 70 US gal/275L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- 3" Banjo pump/GX200 Honda engine
- Rotacraft tank rinsing nozzle

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H33P65	58	44	44	1.5	1.1	1.1	250	114



HANDLER III

H33HD

The H33HD has been designed specifically to work with new 3" pumps being made with flows in excess of 280 GPM (1060 LPM). At these flow rates, water in 3" plumbing moves in a fully turbulent motion and creates significant line pressures and risk of water hammer. Engine power requirements increase with these pumps and so does the need to match your chemical inductor properly.

With a re-designed bypass line free of directional changes, the H33HD takes full advantage of your pump's flow potential. As a safety precaution against the higher operating pressures, the H33HD is also equipped with a pressure spike relief valve to prevent water hammer damage.

Maximize the performance of your high volume 3" pump without sacrificing safety by using the purpose built H33HD. Your Handler dealer will be glad to help determine when the H33HD is the right Handler for you.

FEATURES & BENEFITS

- Uni-directional bypass line for maximum flow
- Pressure spike relief valve to prevent damage
- Full 10L/20L container emptying and rinsing capabilities
- Dual port venturi with Handler and bulk draw capabilities
- Comes with the original Handler Knife

QUICK SPECIFICATIONS

- 70 US gal/275L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- Rotacraft tank rinsing nozzle



MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H33HD	43	39	44	1.1	1	1.1	185	84



HANDLER III H33HDP13

The H33HDP13 utilizes Hypro's 3" polypropylene pump and the proven Honda GX390 (13HP) engine complete with electric start. Sprayer fill time is minimized with Handler bypass flow rates of 350 GPM (1325 LPM) thanks to the Hypro pump and our HD purpose built plumbing. 3" flow rates this high create higher operating pressures and the H33HDP13 is designed to handle them. The pressure spike relief valve eliminates any risk of water hammer which ensures operator safety along with protecting your equipment.

Even though the plumbing arrangement is different from other H2 and H3 Handlers, the H33HDP13 maintains all of the functionality you've come to expect in a Handler:

- Sprayer filling container emptying and rinsing
- Venturi based bulk chemical induction
- Tank emptying with venturi or direct pump draw
- Closed loop circulation and agitation
- Wash line



FEATURES & BENEFITS

- Uni-directional bypass line for maximum flow
- Pressure spike relief valve to prevent damage
- Full 10L/20L container emptying and rinsing capabilities
- Dual port venturi with Handler and bulk draw capabilities
- Comes with the original Handler Knife
- 350 GPM (1325 LPM) bypass rates

QUICK SPECIFICATIONS

- 70 US gal/275L
- 3" camlock connections
- 16" hinged and lockable lid
- 2" dual port venturi
- Rotacraft tank rinsing nozzle
- 3" Hypro pump/GX390 Honda
- Electric start (12V power not included)

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H33HDP13	58	44	44	1.5	1.1	1.1	290	132



HANDLER IV

H43P65V

The Handler IV is the king of batch induction systems with its larger liquid volume and incredible agitation capability. The H43P65V comes complete with a total drainage tank, Banjo 3" pump, a dual port venturi for bulk chemical induction, twin agitation lines, two 16" hinged lids (one with The Handler Knife and one without), container and tank rinsing nozzles, a 4-way forkliftable steel frame, and a pump containment tray. Using closed loop recirculation through the exclusive dual port venturi, this model is able to induct bulk chemical into The Handler tank without your sprayer needing to be there! Whether it is high volumes of liquid pesticides or large amounts of dry flowables needing to be agitated, a HandlerIV can do it all before your sprayer is back to be filled.

Dry AMS (ammonium sulfate) users may be interested in even more agitation. The similar model H43P65 replaces the venturi with a second 2" full port agitation line and provides agitation strong enough to dissolve even AMS that is not spray-grade.



H43P65



FEATURES & BENEFITS

- Twin agitation lines
- Comes with The Handler Knife
- Closed loop recirculation and agitation
- Full 10L/20L container emptying and rinsing capabilities
- Dual port venturi for drawing bulk chemical into The Handler tank

QUICK SPECIFICATIONS

- 230 US gal/870L
- 3" camlock connections
- Two x 16" hinged and lockable lid
- 2" dual port venturi
- Rotacraft tank rinsing nozzle
- 3" Banjo/GX200 Honda

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H43 (All)	72	47	50	1.8	1.2	1.3	525	238



HANDLERIV

H43P13V

Taking advantage of the new high-volume pumps available today, the H43P13V reduces sprayer fill time yet again. With bypass rates of 350 GPM made possible by the 3" Hypro polypropylene pump, this is the fastest HandlerIV yet. In addition to the increased bypass speed, the pump provides higher pressures and creates even greater agitation than the H43P65V. Using closed loop recirculation through the exclusive dual port venturi, this model is able to induct bulk chemical into The Handler tank without your sprayer needing to be there! Whether it is high volumes of liquid pesticides or large amounts of dry flowables needing to be agitated, a HandlerIV can do it all before your sprayer is back to be filled.

The Honda GX390 engine comes standard with an electric start. Instructions on proper cabling are included for connection to your own battery or 12V power source. Even if your power is down, Honda's trademark easy-starting engines with built-in decompression can be started with the manual recoil.



FEATURES & BENEFITS

- Dual port venturi for drawing bulk chemical into The Handler tank
- Full 10L/20L container emptying and rinsing capabilities
- Comes with the original Handler Knife
- Twin agitation lines
- Closed loop recirculation and agitation
- 350 GPM (1325 LPM) bypass rates

QUICK SPECIFICATIONS

- 230 US gal/870L
- 3" camlock connections
- Two x 16" hinged and lockable lid
- 2" dual port venturi
- Rotacraft tank rinsing nozzle
- 3" Hypro/GX390 Honda

MODEL	INCHES			METERS			WEIGHT	
	L	W	H	L	W	H	LBS	KG
H43 (All)	72	47	50	1.8	1.2	1.3	525	238



THE HANDLER



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Visit www.thehandler.com to find a dealer near you today.

