

INTRODUCING

**TITAN**<sup>®</sup>

**HYDRA**<sup>®</sup> **X**

ROOF AND PROTECTIVE COATING SPRAYERS



SCAN FOR PRODUCT  
DETAILS, VIDEOS  
AND RESOURCES



# HYDRA<sup>®</sup> X

**BUILT FOR MAXIMUM DURABILITY AND POWER THE TITAN HYDRA X SERIES DELIVERS WHEN THE JOB CALLS FOR THE TOUGHEST COATINGS.**

With a Direct Immersion System that means no transfer pumps, flexible siphon tubes, or air compressors needed, the Hydra X Series from Titan maximizes your efficiency on the jobsite. Featuring limit-sensing hydraulics for better control and interchangeable fluid sections, an AutoLift™ system raises and lowers the fluid section with the push of a button; and more the Hydra X delivers when the job calls for the toughest coatings.

## HYDRASTROKE™ TECHNOLOGY

- Unmatched durability and performance powered by electronically controlled hydraulics.
- Unlike clutch units that small tips can damage, the Hydra X has the versatility to spray heavy and light bodied coatings with ease
- Hydraulic motor is optimized with one moving part, reducing heat and extending life



## EXTREMELY EFFICIENT COOLING SYSTEM

- Two cooling fans to maximize air flow over hydraulic system
- Large 6 gallon hydraulic fluid reservoir

Powered by  
**HONDA<sup>®</sup>**

## SEVERE SERVICE™ FLUID SECTION

- 5" long, slow stroking piston maximizes power and efficiency to extend the pump life
- Uses a Tri-chrome process to create the industry's most durable fluid section with packings designed specifically for aggressive coatings
- Proven Titan self-adjusting packing technology with over 45 years in the field extends time between repacks
- New patent pending quick removal fluid section allows one person to service on the jobsite with ease

## SMART DESIGN

- Effortless drum changes with the electric AutoLift™ system that raises and lowers the fluid section with the touch of a button
- One sprayer with modular fluid sections allowing for two different performances out of one sprayer
- Large 12" pneumatic tires make it easy to move around job site

## A WORKHORSE FOR ANY JOBSITE

- Roofing
- Bridges
- Railroad
- Cargo Containers
- Commercial Construction
- Residential Construction
- Secondary Containment
- Below Grade Waterproofing

## WHY HYDRA?

- Industry Leading Performance
- Eliminates the Need for Transfer Pump
- Meets Needs of Multiple Market Segments
- Versatile Application
- Field Serviceable Quick-Change Fluid Section
- Efficient Hydraulics
- Minimal Down Time

# CUSTOMIZE YOUR HYDRA X SPRAYER

SPRAY GUNS		
DESCRIPTION	MAX. PRESSURE	PART NO.
RX-Apex Non-Filtered Gun	5000 psi	538070
RX-Apex Filtered Gun	5000 psi	538075
S-7 Gun with 1/4" Swivel	7700 psi	550-260
S-7 Gun with 3/8" Swivel	7700 psi	550-270
M-8 Mastic Gun w/ 1/4" Swivel	7700 psi	289014
M-8 Mastic Gun w/ 3/8" Swivel	7700 psi	2425442
Multi Gun Manifold	7700 psi	2414176

SPRAY TIPS		
DESCRIPTION	MAX. PRESSURE	PART NO.
TR <sup>1</sup> Tips	5000 psi	695-XXX
TR <sup>1</sup> High Pressure Tips	7700 psi	696-XXX
SC-6+ Tips	5000 psi	662-XXX
SC-6+ Widespray Tips	5000 psi	661-XXX

ACCESSORIES		
DESCRIPTION	MAX. PRESSURE	PART NO.
No Build Tip Guard 7/8"	5000 psi	289228
High Pressure Tip Guard 7/8"	7700 psi	661-027
Black Seal, Latex	5000 psi	651-042
White Seal, Solvent Resistant	7700 psi	651-020
1/8" Gasket Kit 12-Pack	----	711-612
1/16" Gasket Kit 12-Pack	----	711-606
6" (15 cm) Gun Extension	7700 psi	611-280
12" (30 cm) Gun Extension	7700 psi	611-281
18" (45 cm) Gun Extension	7700 psi	611-282
24" (60 cm) Gun Extension	7700 psi	611-283
Closed Drum Sealed Siphon	----	2426217
Flexible Tote Siphon	----	2410501
Hydra X 4540 to 7230 Conversion Kit	----	2424618
Hydra X 7230 to 4540 Conversion Kit	----	2432905A

**Note:** Converting the 4540 to the 7230 will change the fluid section pressure to 6900 psi. Converting the 7230 to the 4540 will change the fluid section pressure to 4650 psi.

7500 PSI MOISTURE RESISTANT HOSE		
DIAMETER	MAX. LENGTH	PART NO.
3/8"	50 feet	2389440
1/2"	50 feet	2389442
3/4"	50 feet	2426011

4500 PSI HOSE		
DIAMETER	MAX. LENGTH	PART NO.
1/4"	3 feet	2389428
1/4"	6 feet	2389430
1/4"	50 feet	2389429
1/4"	100 feet	2389427
3/8"	6 feet	2389436
3/8"	50 feet	2389434
3/8"	100 feet	2389432
1/2"	50 feet	2389425
1/2"	100 feet	2389424

7500 PSI HOSE		
DIAMETER	MAX. LENGTH	PART NO.
1/4"	3 feet	2389450
1/4"	6 feet	2389452
1/4"	50 feet	2389451
1/4"	100 feet	2389449
3/8"	6 feet	2389456
3/8"	50 feet	2389455
3/8"	100 feet	2389453
1/2"	50 feet	2389448
1/2"	100 feet	2389447
3/4"	50 feet	2426010

**Note:** Hydra X units are sold bare

**DON'T TAKE  
OUR WORD  
FOR IT**



"The Hydra X has performed flawlessly and is just more productive than the other pumps. Now I'll need less pumps on the jobsite. That means less pumps to run and maintain. That's huge."

**Mike Ottelien, Owner**  
MO Decorating & Remediation  
Racine, WI



# QUALIFYING QUESTIONS

## What tip sizes do your coatings require? How many guns?

	HYDRA X 4540	HYDRA X 7230
NUMBER OF GUNS	MAX TIP SIZE	MAX TIP SIZE
1-Gun	0.067"	0.057"
2-Guns	0.043"	0.035"
3-Guns	0.035"	0.031"
4-Guns	0.031"	0.027"
5-Guns	0.025"	0.021"
6-Guns	0.021"	----

## How many gallons do you spray a week?

- These are durable pumps made to last through all day usage 7 days a week

## Power needed

- Both units are equipped with a Honda GX390 gas engine

## What are your hose length requirements?

- Depending on material being used Titan recommends 300' max for the 4540 and 400' max for the 7230

	HYDRA X 4540	HYDRA X 7230
SPECIFICATIONS		
Max. Delivery	4.0 gpm (15.1 lpm)	3.0gpm (11.4 lpm)
Max. Operating Pressure	4500 psi (31.0 MPa)	7200 psi (49.6MPa)
Max. Tip Size (1-Gun)	0.067"	0.057"
Volumetric Flow per Double Stroke	247 CC	162 CC
Cycles Per Gallon	15	23
Weight	385 lbs	385 lbs
UPC	024964295869	024964295876
Part No.	2412275	2412277

## Hydra X 7230

Powerful high pressure sprayer for hard to atomize materials like silicone and epoxies.

Use if you're primarily spraying:

- Silicone
- Epoxy
- Elastomeric



COATINGS	COMMON COATINGS	
	HYDRA X 4540	HYDRA X 7230
Latex	X	X
Primers	X	X
Block Filler	X	X
Enamel	X	X
Elastomerics	X	X
Acrylics	X	X
Epoxy		X
Polyester	X	X
Polyurethane	X	X
Fibered Asphalt Emulsion	X	X
Coal Tar	X	X
Mastics	X	X
Water Proofing	X	X
Contact Cement	X	X
Cut-Back Asphalt	X	
Joint Compound	X	
Aluminum Emulsion	X	X
Acrylic Elastomeric	X	X
Emulsion Primer	X	X
Silicone		X
Intumescents		X

We are actively testing coatings for the Hydra X Series, if you have questions about coating compatibility contact our Technical Service Department at 1-800-526-5362



## Hydra X 4540

Excellent for high solids elastomeric and high production.

Use if you're primarily spraying:

- Acrylic Elastomeric Roof Coatings
- Asphalt Emulsion
- Zinc Coatings
- Commercial Architectural Coatings

# HYDRA<sup>®</sup> X

## FEATURE MAP

### HYDRASTROKE™ TECHNOLOGY

- Cool running, durable hydraulics
- Stroke detection senses top and bottom for precision control limits
- Regenerative circuit keeps pressures balanced from upstroke to downstroke

### FIELD-SERVICEABLE FLUID SECTION

With only a hammer, one person can easily swap out fluid sections on the jobsite minimizing downtime

### AUTOLIFT™ SYSTEM

Raises the fluid section to easily change out drums or pails

### LARGE HOSE WRAP

Holds up to 200' of 1/2" hose

### HONDA GX390 ENGINE

- Fuel efficient with all the power and performance of a Honda
- Low oil alert system prevents engine seizure
- Electric start

### DUAL FAN COOLING SYSTEM

### 12" PNEUMATIC TIRES AND BALANCED CART

For easy maneuverability

### AUTOMOTIVE STYLE RADIATOR

Optimized to keep system cool

## DID YOU KNOW...

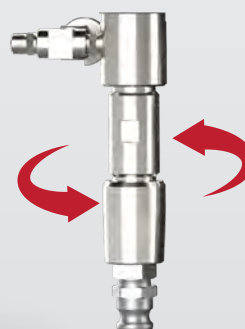
By purchasing a fluid section conversion kit you can switch performance from one pressure and gpm to the other by simply changing the fluid section. Yes. Two machines in one!

**HYDRA X 4540 TO 7230 CONVERSION KIT**  
2424618

**HYDRA X 7230 TO 4540 CONVERSION KIT**  
2432905A



HYDRA X 4540



CONVERSION KIT



HYDRA X 7230

# FREQUENTLY ASKED QUESTIONS

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## **CAN YOU USE THIS SPRAYER WITH A CLOSED 55 GALLON DRUM?**

Yes, if you purchase the siphon accessory (2426217) the unit will work with an enclosed drum and create a sealed system.

## **WILL THESE SPRAYERS HANDLE SOLVENT BASED MATERIALS?**

Yes, both sprayers are compatible with all common solvents

## **WHAT BATTERY COMES WITH THE HYDRA X?**

The Hydra X comes with a fully sealed battery ready to go, no acid needed.

## **IF I BUY A 7230 CAN I CONVERT IT INTO A 4540?**

Yes, with the interchangeable fluid section you can convert from 7230 to 4540 and vice versa.

## **WILL THESE SPRAYERS HANDLE AGGREGATED MATERIALS?**

No, the piston pump will pack out with aggregated materials

## **CAN I LIFT THE SPRAYER ON TOP OF A ROOF USING A CRANE?**

Yes, use the approved strap and follow lift instructions in the manual

## **CAN I SPRAY OUT OF A 5 GALLON BUCKET IF I'M NOT USING A DRUM?**

Yes, you can spray out of a 5 gallon bucket with the Hydra X Series



**BEST AND LONGEST WARRANTY  
IN THE INDUSTRY**

[TITANWEARGUARD.COM](http://TITANWEARGUARD.COM)

Titan delivers unmatched quality and we are not afraid to stand behind our work with the best and longest warranty in the industry including a four-year manufacturer's defect. If you ever need help, contact your nearest dealer or service center and we will take care of the job so you can stay focused on spraying.



[titantool.com](http://titantool.com)

### **Titan Tool**

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