

# Advance Warrior™ ST & AXP

Walk-Behind Scrubbers



The Advance Warrior™ Industrial Scrubber  
Provides Productivity Features to  
Lower the Cost of Cleaning

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# Advance Warrior™ ST & AXP

## Walk-Behind Scrubbers

### Rugged, Flexible, Easy to Maintain and Operate.

Looking to boost cleaning productivity? Consider the easy-to-maintain and operate Advance Warrior™ walk-behind scrubber. With tools-free interchangeable disc and cylindrical scrub decks, the Warrior™ scrubber has the flexibility to scrub on multiple surfaces in one pass. The One-Touch™ scrubbing controls minimize operator training and maximize cleaning performance. A single button automatically selects the right combination of solution flow and downward brush pressure for regular, heavy or extreme cleaning needs.

### Ideal Applications Include —

- Manufacturing Plants
- General Warehouses
- Beverage Distributors
- Car Dealers
- Automotive Plants



The **Warrior™ ST** scrubber is built for heavy duty, daily use in a wide variety of applications. The 30 gallon polyethylene solution/recovery tanks allow for extended run time and increased productivity. Plus, tanks are easy to open and clean. The UltraFlow™ squeegee system with wide swing provides 100% water pickup on tight turns, leaving the floors clean, dry and safe for foot traffic.

The innovative **Warrior™ AXP** scrubber includes all the standard features of the Warrior™ ST model with the added advantage of Advance's AXP™ onboard detergent dispensing system. The AXP system increases operator productivity by taking the guesswork out of how much detergent to distribute. You simply set the AXP dilution rate selector once per the detergent manufacturer's dilution rate and you are ready to clean. Plus, you can use any detergent, including those that are green-certified, so there is no need to change your detergent or cleaning routine when you use the Warrior™ AXP.

The Warrior™ AXP scrubber features click-off disc scrub brushes so there is never a need to touch dirty brushes. The Warrior™ AXP scrubber also features an onboard battery charger for quick and convenient charging without the aid of a charging station.

In keeping with the Total Clean™ philosophy, the Warrior™ allows complete and easy access to all machine components for cleaning and maintenance. Total Clean™ features mean lower cost of ownership and increased productivity to drive down the total cost of cleaning.

VALUE FEATURES

## AXP™ Onboard Detergent Dispensing System

- Use any manufacturers' detergent
- Quickly swap detergents for multiple applications
- Eliminates waste and guesswork on dilutions and dispensing
- No messy foam in solution tank while filling
- Includes solution flow pump





Warrior AXP scrubber includes a standard onboard battery charger for wet or gel battery packages.



Soft-Touch™ Paddle System prevents finger pinching, provides maximum control, reduces repetitive-stress injuries, and prevents the operator from being pinned between the machine and an obstruction.



Cylindrical scrub decks sweep and scrub in a single pass with dual counter-rotating brushes. Polyethylene hopper eliminates corrosion.

**Regular Scrub**

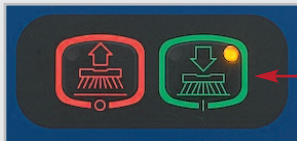
For use on moderate soil levels on most floor surfaces (80% of scrubbing applications)



Touch Scrub Button once for **Regular Scrub** setting

**Heavy Scrub**

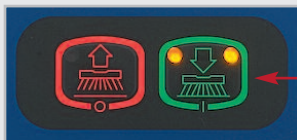
For use on heavy soil levels on most floor surfaces (15% of scrubbing applications)



Touch Scrub Button again for **Heavy Scrub** setting

**Extreme Scrub**

For use on extreme soil levels (5% of scrubbing applications)



Push and hold Scrub Button for 5 seconds for **Extreme Scrub** setting

VALUE FEATURES

*The Advance Warrior™, designed with Total Clean™ Technology, is very comfortable and safe to use — by design. The result is increased productivity. The Advance Warrior™ is also designed with features to make it easy to clean up and maintain after cleaning, all to reduce the total cost of ownership and drive down the cost of cleaning.*



Six 6-volt wet acid or gel batteries for maximum run-time



UltraFlow™ squeegee system for 100% dirty water recovery on turns



Tools-free interchangeable scrub decks for application flexibility and easy maintenance



Quiet 71 dBA sound level

## Industrial Strength Solutions...

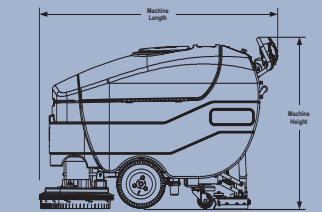
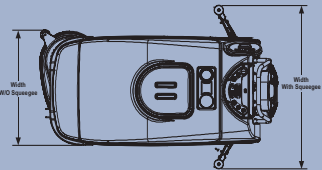
- Our products are built tough and feature innovative technology that increases productivity and drives down the cost to clean.
- Expert service and maintenance for your products is available by factory-trained personnel around the world, as well as fast parts delivery.
- Maintain peak performance with genuine APA parts.



## Technical Specifications

Models	Warrior™ 28D	Warrior™ 32D	Warrior™ 28C	Warrior™ 32C
<b>Scrub Head Type</b>	Disc	Disc	Cylindrical	Cylindrical
<b>Scrub Path</b>	28 in (71 cm)	32 in (81 cm)	28 in (71 cm)	32 in (81 cm)
<b>Max Productivity @ 3 mph</b>	36,960 ft <sup>2</sup> /hr (3,434 m <sup>2</sup> /hr)	42,240 ft <sup>2</sup> /hr (3,924 m <sup>2</sup> /hr)	36,960 ft <sup>2</sup> /hr (3,434 m <sup>2</sup> /hr)	42,240 ft <sup>2</sup> /hr (3,924 m <sup>2</sup> /hr)
<b>Max Productivity @ 1.5 mph</b>	18,480 ft <sup>2</sup> /hr (1,717 m <sup>2</sup> /hr)	21,120 ft <sup>2</sup> /hr (1,962 m <sup>2</sup> /hr)	18,480 ft <sup>2</sup> /hr (1,717 m <sup>2</sup> /hr)	21,120 ft <sup>2</sup> /hr (1,962 m <sup>2</sup> /hr)
<b>Brush Size</b>	(2) 14 in (36 cm)	(2) 16 in (41 cm)	(2) 27 in (69 cm)	(2) 31 in (79 cm)
<b>Scrub Pressure</b>				
<i>Regular Scrub</i>	max 90 lb (41 kg)	max 90 lb (41 kg)	max 80 lb (36 kg)	max 80 lb (36 kg)
<i>Heavy Scrub</i>	max 175 lb (79 kg)	max 175 lb (79 kg)	max 100 lb (45 kg)	max 100 lb (45 kg)
<i>Extreme Scrub</i>	max 250 lb (113 kg)	max 250 lb (113 kg)	max 120 lb (54 kg)	max 120 lb (54 kg)
<b>Brush Speed</b>	220 rpm	220 rpm	900 rpm	900 rpm
<b>Solution Flow Rate</b>				
<i>Regular Scrub</i>	0.30 gal/min (1.1 L/min) or 100 minutes per solution tank – ALL MODELS			
<i>Heavy Scrub</i>	0.60 gal/min (2.3 L/min) or 50 minutes per solution tank – ALL MODELS			
<i>Extreme Scrub</i>	0.90 gal/min (3.4 L/min) or 33 minutes per solution tank – ALL MODELS			
<b>Squeegee Width</b>	41.9 in (106 cm)	41.9 in (106 cm)	41.9 in (106 cm)	41.9 in (106 cm)
<b>Dimensions (w/o squeegee)</b>				
W	30.5 in (77cm)	33 in (83 cm)	33.5 in (85cm)	35 in (89cm)
L	61.5 in (156 cm)	62.5 in (159 cm)	61.75 in (157 cm)	61.75 in (157 cm)
H	45 in (114 cm)	45 in (114 cm)	45 in (114 cm)	45 in (114 cm)
<b>Weight w/ Std. Batteries</b>	914 lb (415 kg)	914 lb (415 kg)	946 lb (430 kg)	946 lb (430 kg)
<b>Voltage</b>	36 V – ALL MODELS			
<b>Power Source</b>	(6) 6 V batteries (wet acid and gel cell available) – ALL MODELS			
<b>Available Chargers</b>	36 V, 20 amp free standing or 36 V, 21 amp onboard charger			
<b>Solution Control</b>	Precision-Flow electric pump – AXP (Pulse control gravity feed - Warrior ST)			
<b>Solution Tank</b>	30 gal (114 L) – ALL MODELS			
<b>Recovery Tank</b>	30 gal (114 L) – ALL MODELS			
<b>Scrub Motors</b>	(2) 0.75 hp (560 W) – ALL MODELS			
<b>Vacuum Motor</b>	0.75 hp (560 W) 3-stage – ALL MODELS			
<b>Sound Level</b>	69 dBA with sound suppression kit or 71 dBA standard – ALL MODELS			
<b>Drive System</b>	0.5 hp (375 W) variable forward and reverse, max speed = 3 mph (4.83 km/hr) – ALL MODELS			
<b>Gradeability</b>	16% transport, 5% scrubbing – ALL MODELS			
<b>Drive Wheels</b>	(2) 13 in (33 cm) dia. foam-filled, gray non-marking – ALL MODELS			

Specifications are subject to change without notice.



See specifications for dimensions.

## Optional Accessories

- Multiple Brushes for All Applications
- Maintenance-free Gel Batteries
- AXP Onboard Detergent Dispensing System
- Sound-reduction Kit for abatement to 69 dBA



Onboard Tote Bag



Onboard Scrub-Vac System