AquaRide® SE & AXP™

Rider Sweeper-Extractors
The Industry’s First Rider Extractor Now Offers Onboard AXP™ Detergent System.

If you’re using two walk-behind machines to vacuum and extract the same carpet, then consider the time-saving versatility of the Advance AquaRide® AXP™ rider sweeper/extractor. As the industry’s first rider extractor, it sweeps and extracts carpets at the same time, increasing productivity while reducing operator fatigue.

The compact AquaRide extractor will sweep and extract 18,500 square feet of carpet in one pass in one hour... an impressive 400% productivity gain over walk-behind extractors! The rider extractor cleans a 28 inch wide path, yet is able to expertly maneuver through a standard 36 inch doorway and turn within a 63 inch wide aisle. Dual cylindrical rotating brushes sweep and clean both sides of the carpet, leaving a well-groomed appearance. The AquaRide extractor features dual-cleaning modes – a low-moisture mode for maintenance or interim cleaning and a restoration mode for deep-cleaning.

The Advance AquaRide extractor is now available with an onboard AXP detergent system. Based on Advance’s Smart Solutions innovations, the AXP system accurately dispenses detergent at manufacturers’ recommended dilution ratios without waste. Unlike wall-mounted dilution systems, the onboard AXP detergent system takes the guesswork out of detergent dispensing. A magnetic control on the AXP detergent cartridge allows for the required dilution ratios to be pre-set. The correct amount of detergent is then mixed with clean water at the time the solution is applied to the carpet, allowing for effective and efficient cleaning results.

The AXP system allows for the use of any brand of detergent, including those that are green-certified. Multiple AXP cartridges can be kept on the shelf, filled and pre-set so there are no hassles when switching detergents during cleaning. Imagine the cleaning convenience and flexibility to switch detergents within seconds, and without having to clean out the solution tank.

The semi-transparent AXP cartridges are reusable and operator-friendly, allowing you to easily spot when refills are needed. The appropriately labeled cartridges are easily transportable to switch detergent types while on the go.

Ideal applications include:
- Airports
- Hospitals/Healthcare Facilities
- Schools and Universities
- Government Buildings and Installations
- Shopping Malls
- Casinos
- Office Buildings
- Hotels and Resorts
- Convention Centers
The AXP™ cartridge is easily accessible.

Semi-transparent cartridges are removable for ease of storing and refilling. Slider dilution ratio is variable.

Dual Cylindrical Technology
AquaRide® SE and AXP™ have dual rotating brushes that sweep and clean both sides of the carpet. A hopper collects the debris.

Superior turning, visual and clearance ability increases productivity where others can't. The AquaRide® SE and AXP™ turn within a 63 inch (160 cm) radius. This improves productivity by allowing AquaRide to easily clean smaller aisles than all of the competition.

Walk-Behind Extractors can’t make the turn.

Advance AquaRide® turns easily.

The 28 inch brushes and the vacuum shoes are removable without tools for easy daily maintenance.

Dual vacuum motors are protected by an anti-foam chamber and easy access vacuum filters which assure optimum air flow.

One-Touch™ electronic function controls are conveniently located to keep operation simple and safe.

Rugged construction with durable components assures years of reliable performance.

Easy access to batteries and other components assures minimal down time.

Low sound level, 73 dB A, permits operation anywhere, anytime.
**Technical Specifications**

<table>
<thead>
<tr>
<th>Model</th>
<th>AquaRide® SE</th>
</tr>
</thead>
</table>
| Coverage Rate | Low moisture mode – 18,500 ft/hr (1,720 m²/hr)  
Restoration mode – 8,000 ft/hr (745 m²/hr)  
Slow low moisture/Fast restoration 10,000 ft²/hr (930 m²/hr) |
| Solution Tank | 45 gal (170 L) capacity. Rotationally molded polyethylene with drain hose. |
| Recovery Bladder | 25 gal (95 L) capacity. PVC material, equipped with float ball screen and a 36 in (91 cm), long 1.5 in (3.8 cm) diameter drain hose |
| Waterlift | 72 in (183 cm) |
| Brush Speed | 900 rpm |
| Brush Length | 28 in (71 cm) |
| Vacuum Shoes | 2 - 15.5 in (39 cm) self-leveling, stainless steel |
| Brush System | 2 motors at 0.75 hp, 560 watts each |
| Solution Pump | Low moisture mode – 0.5 gpm (1.9 L/min) at 100 psi  
Restoration mode – 1.1 gpm (4.1 L/min) at 100 psi |
| Vacuum Motor | Two 1.0 hp, three-stage bypass, in parallel |
| Drive System | 0.80 hp, 600 W motor with gear transmission, band brake and dynamic braking. |
| Power Source | Six 6 V / 238 Ah batteries or Six 6 V / 305 Ah (@ 20 hour rate) batteries |
| Sound Level | 73 dB A @ operator position. |
| Transport Speed | 4.2 ft/min (1.3 m/min) |
| Construction | Frame and scrub deck are 10 gauge steel which is zinc plated and epoxy powder coated. All components that come in contact with water are stainless steel. |
| Dimensions | Length – 60 in (152 cm)  
Height – 51 in (130 cm)  
Width – 31 in (79 cm) |
| Weight | Net – 625 lb (283 kg) without batteries  
Net – 1,165 lb (528 kg) with batteries  
Shipping – 1,433 lb (649 kg) with batteries and charger. |
| Optional AXP™ Specifications | Solution Flow Rates 0.5 gpm (1.9 L/min), 1.1 gpm (4.1 L/min)  
Dilution Ratios 32:1, 50:1, 64:1, 10:1, 128:1, 150:1, 200:1, 256:1, 300:1  
Refillable Cartridge Capacity 1.25 gal (4.75 L) |

Specifications are subject to change without notice.

---

**AquaRide® SE Increases Productivity Up To 400%**

AquaRide® SE cleans 18,500 ft² — sweep and extract!

- 16 inch Vacuum cleans 3,960 ft²
- 21 inch Extractor cleans 3,960 ft²

![Productivity Increase Diagram](image)

---

**Smart cleaning.**

Our products are designed using innovative technology that increases productivity and drives down the cost to clean.

Maintain peak performance with Nilfisk Genuine OEM Parts.

©2009 Nilfisk-Advance, Inc. Form L1440A 8-26-09