TOMCAT®

Imported from Racine, WI - USA

Premium Rider Scrubbers V Series

PRO | CRZ | EX | HD

*Images could include non-standard options. Subject to change without notice.

Family-Owned & Operated



Stand-On



Walk-Behind Scrubbers



Ride-On Scrubbers



Sweepers

Choose Your Chassis

PRO v3 Specs

- Up to 154,000 sqft/Charge
- 22 / 23 Gallons
- 20-28 inch decks



Applications

- Education
- Healthcare
- Hospitality

CRZ v2 Specs

- Up to 250,000 sqft/Charge
- 33 / 36 Gallons
- 24 - 34 inch decks



Applications

- Retail
- Grocery
- Distribution

EX v2 Specs

- Up to 255,000 sqft/Charge
- 46 / 49 Gallons
- 29 - 37 inch decks



Applications

- Warehouses
- Sports Arenas
- Aviation

HD v2 Specs

- Up to 315,000 sqft/Charge
- 65 / 78 Gallons
- 40 - 46 inch decks



Applications

- Warehouses
- Sports Arenas
- Aviation

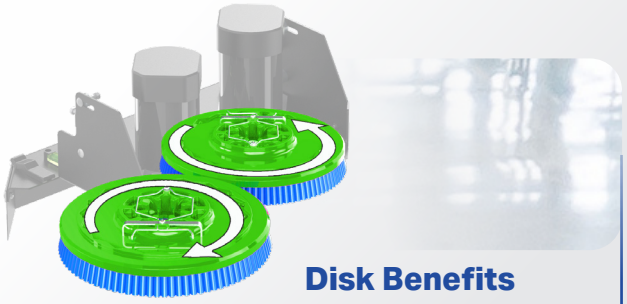
Choose Your Deck



*Not available on Pro

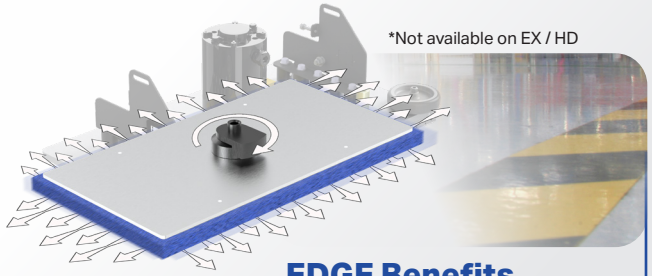
Cylindrical Benefits

- Eliminates Pre-Sweeping
- Scrub & Sweep Simultaneously
- Superior Tile & Grout Cleaning
- Great for Indoor Track Fields



Disk Benefits

- Largest Brush/ Pad Selection
- Lowest Maintenance Cost
- Best Performance on Irregular Floors
- Brushes Individually driven



*Not available on EX / HD

EDGE Benefits

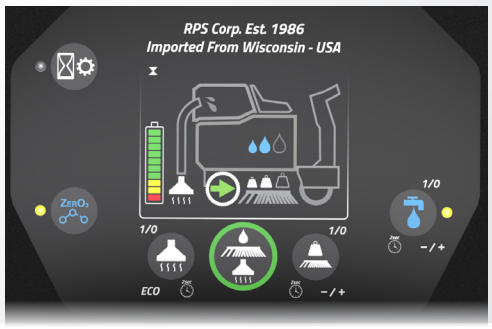
- Chemical Free Stripping
- Reduce Slip & Fall Potential
- 70% Reduction in Water Usage
- VCT Prep & Recoat

Choose Your Controller

3" Color LCD Membrane

PRO / CRZ Only





Membrane with Plain LCD

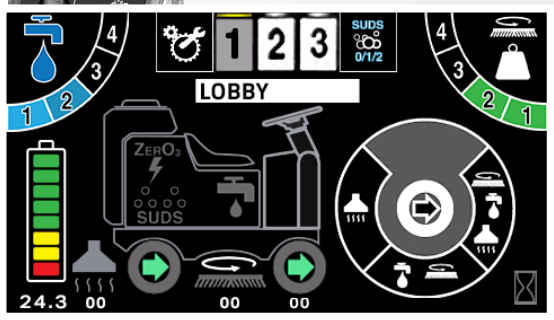
EX / HD Only



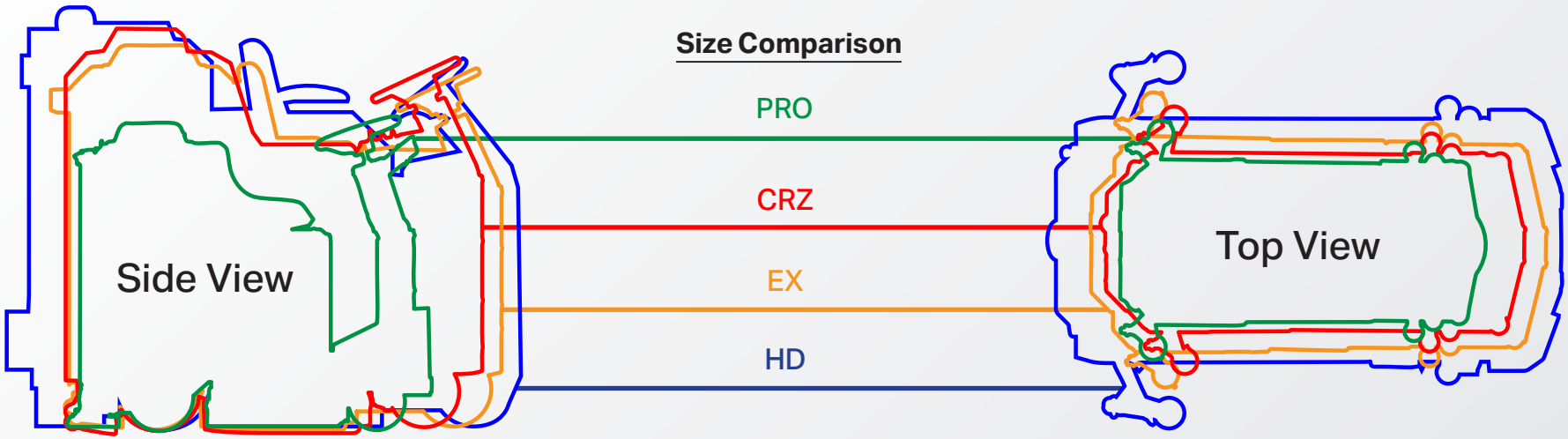


4" Touch Screen

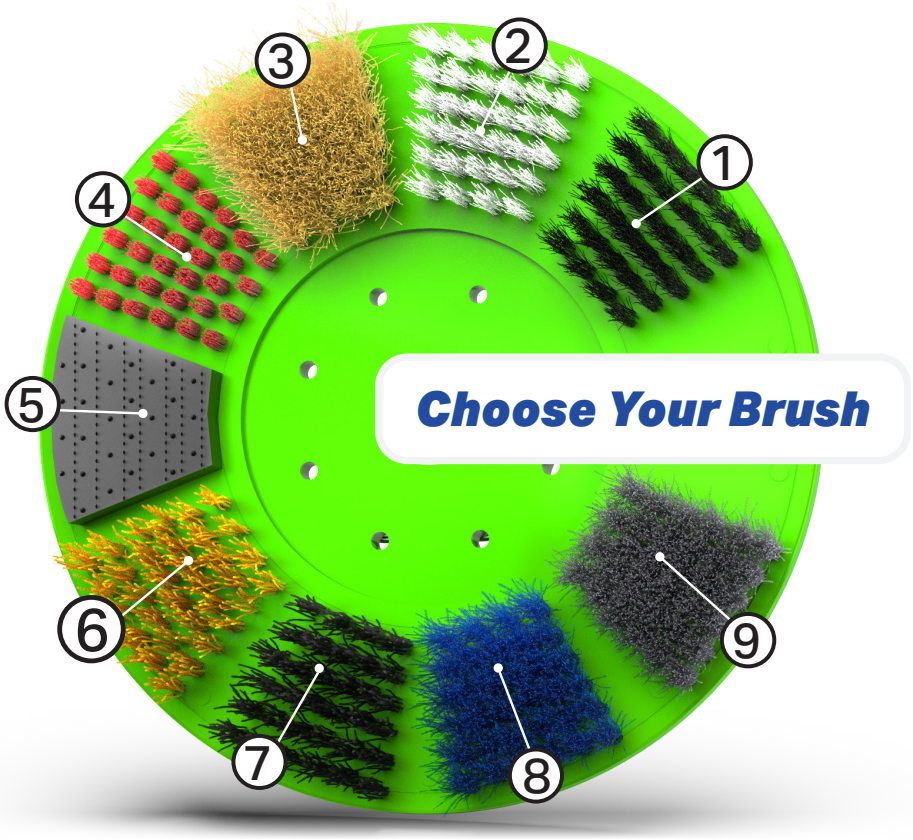




Choose Your Chassis



Choose Your Brush



1* Polypropylene: Black / Medium - Light

2 Nylon: White / Light - Soft

3 Tampico: Tan / Soft

4* Tufted Pad Driver: Red / Variety Pads

5* SNAP Diamond Driver: Black / Variety Diamond Pucks

6* Super Grit: Orange / Extreme Rough

7 Tough Grit: Black / Very Rough

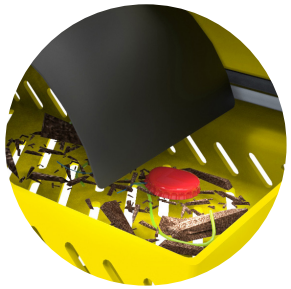
8 Midi Grit: Blue / Rough

9 Light Grit: Grey / Medium

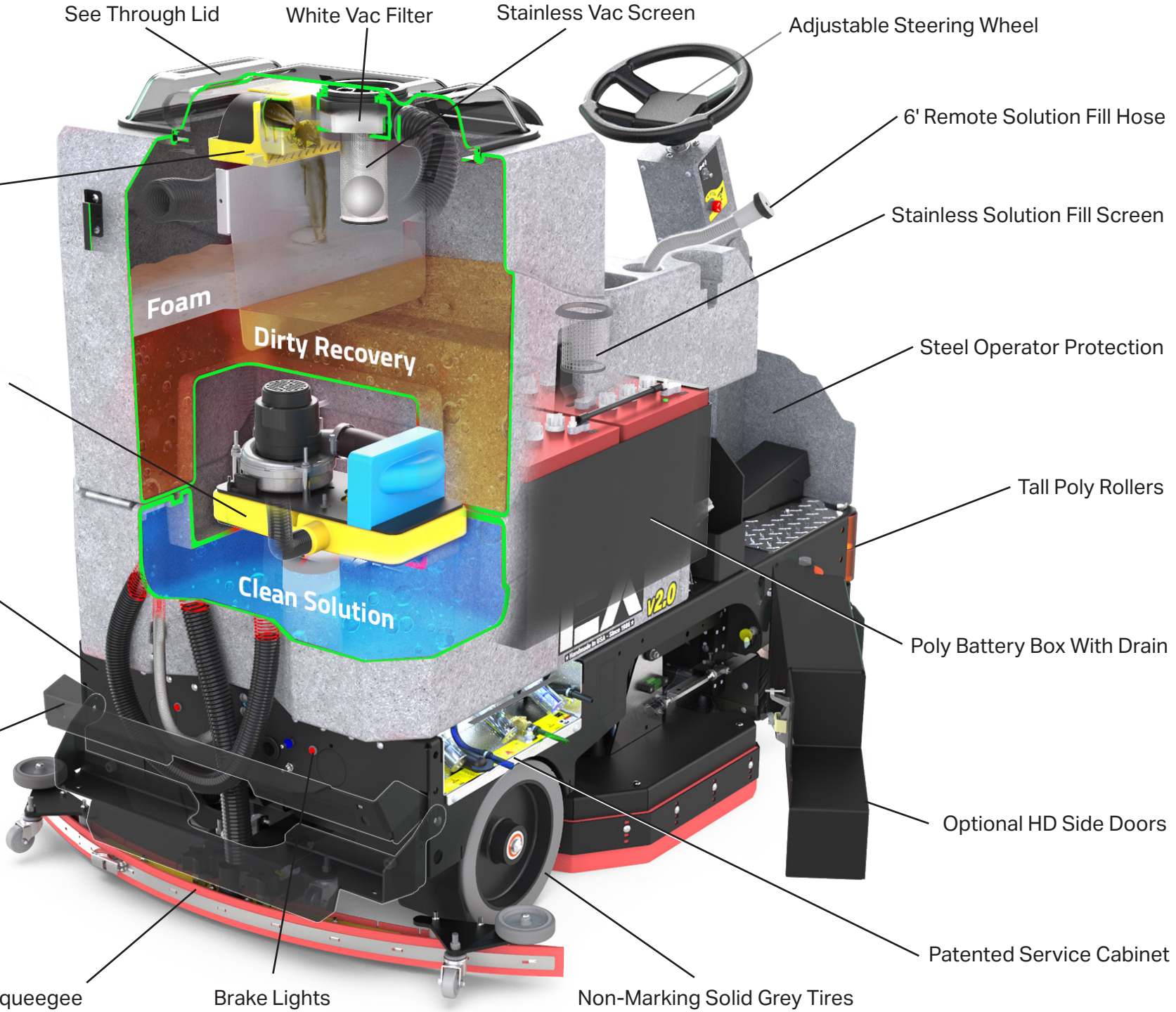
*Not offered on cylindrical brushes

Brush availability varies by size and deck type.

View Inside



Drain Saver Basket



www.tomcatequip.com 262-681-6470 RPS Corporation, 1711 South St, Racine, WI, 53404, USA

Choose Your Options



Green Antimicrobial Tanks

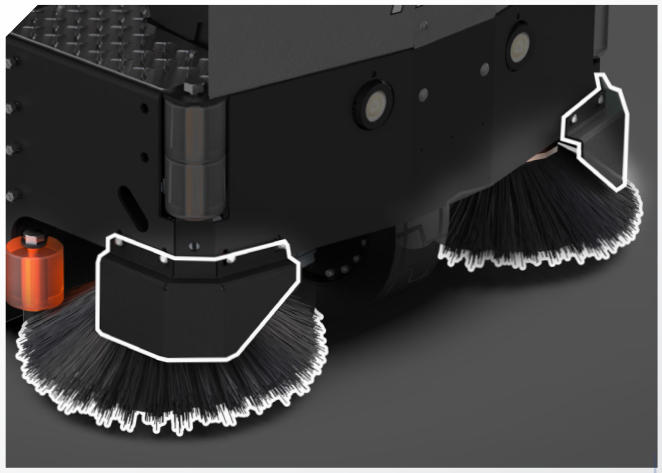
Special plastic formula inhibits growth of bacteria and other harmful contaminants inside tanks. The vac motor on all scrubbers sucks air through the recovery tank and therefore will dispense odors or contaminants back into the air everyone inhales inside the building.

- Almost 6,000 cubic feet/hour of airflow (size average classroom).



Scrub And Vac Wand / Spray Jet

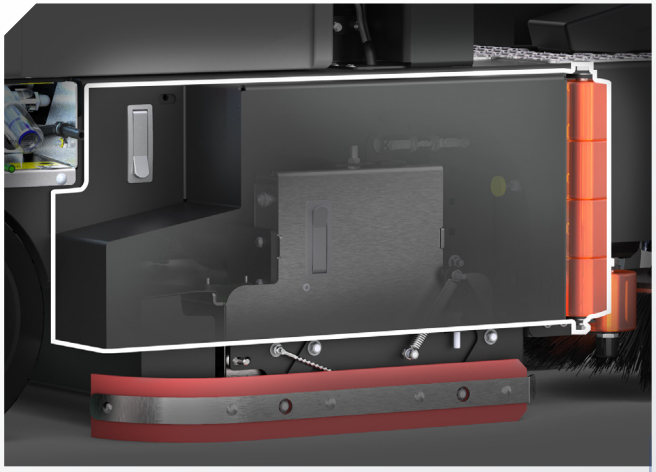
- Brush side for floor scrubbing
- Squeegee side for water pickup
- Clean restrooms and under tables
- Pre-soak the floor before scrubbing
- Rinse out the Recovery Tank



Dual Side Brooms And Guards

Extends the cleaning path up to walls and racking pallets. Moving small debris to center of path reduces squeegee streaking and hose clogs.

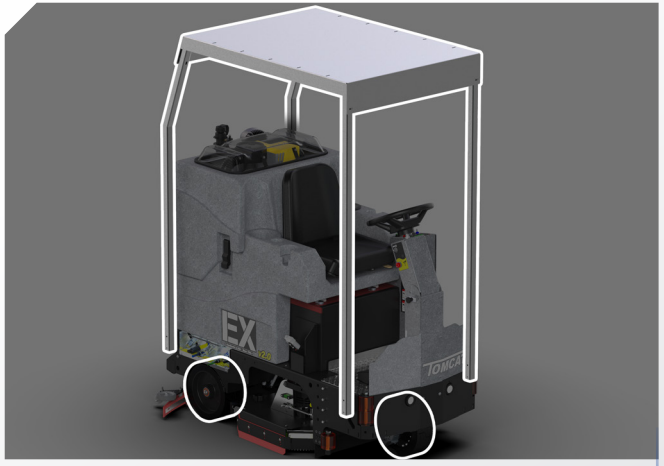
*Not available on Pro v3



Heavy-Duty Side Doors

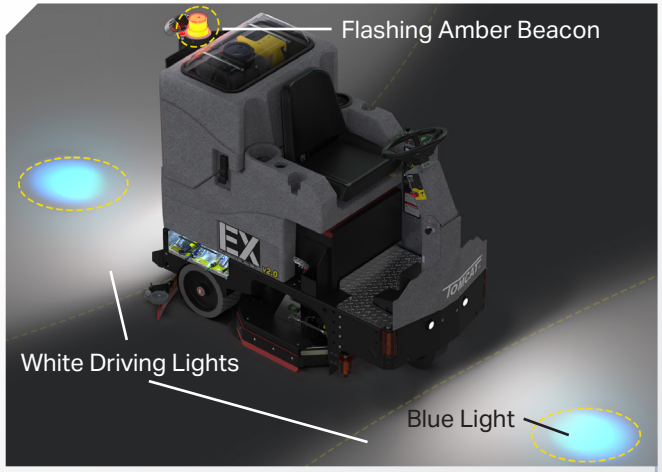
Thick Steel with leading rollers offers protection of critical scrub deck, reducing equipment damage and downtime for repairs.

*Not available on Pro v3



Overhead Guard / Black Tires

- Overhead Guard is not available on all riders.
  **Not F.O.P.S or R.O.P.S - EX / HD only.*
- Optional Black Tires for harsh applications



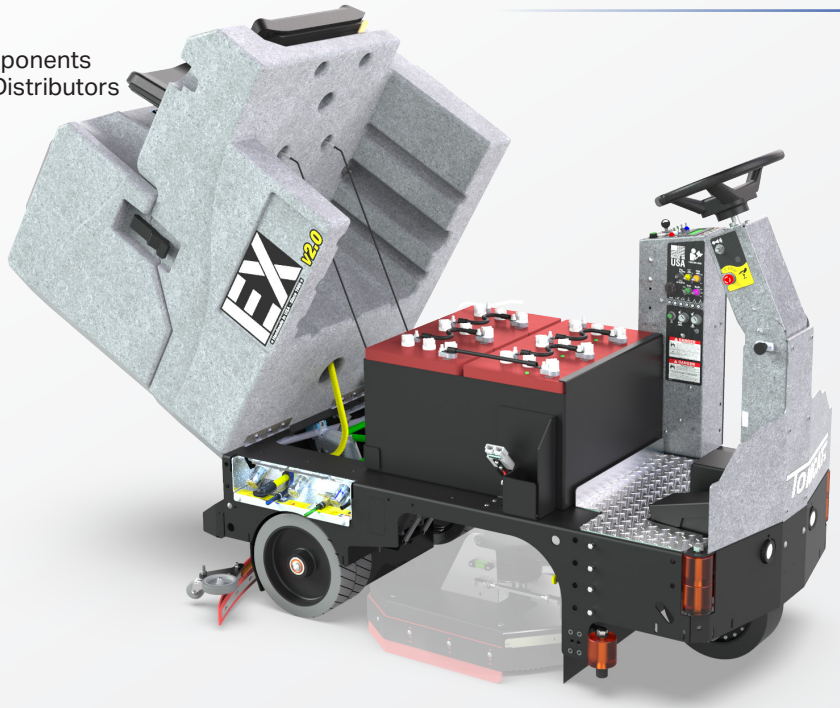
Lights

- Traditional white flood lights ahead and behind increase visibility for the operator and oncoming traffic
- Blue spotlight warns oncoming traffic and pedestrians in congested and noisy applications.
- Flashing Amber Beacon

You Be The Judge

Easy Access to key components
For Trained Authorized Distributors

- Vac Motor
- Batteries
- Deck Actuator
- Solution Valve
- Filters-Screens
- Soap Drain
- Battery Box Drain
- Unloader Valve
- Vac Switch
- Pumps



Tip Back Tank

Our designers and engineers have 25+ years of experience and recognize cleaning equipment will eventually require service.

- Tanks tip back without tools, providing easy topside access to all important service items.

- Quick access allows the technician to troubleshoot white standing and make repairs in less time, with less chance of creating unintended problems from disassembling multiple items to get to the single part that failed.

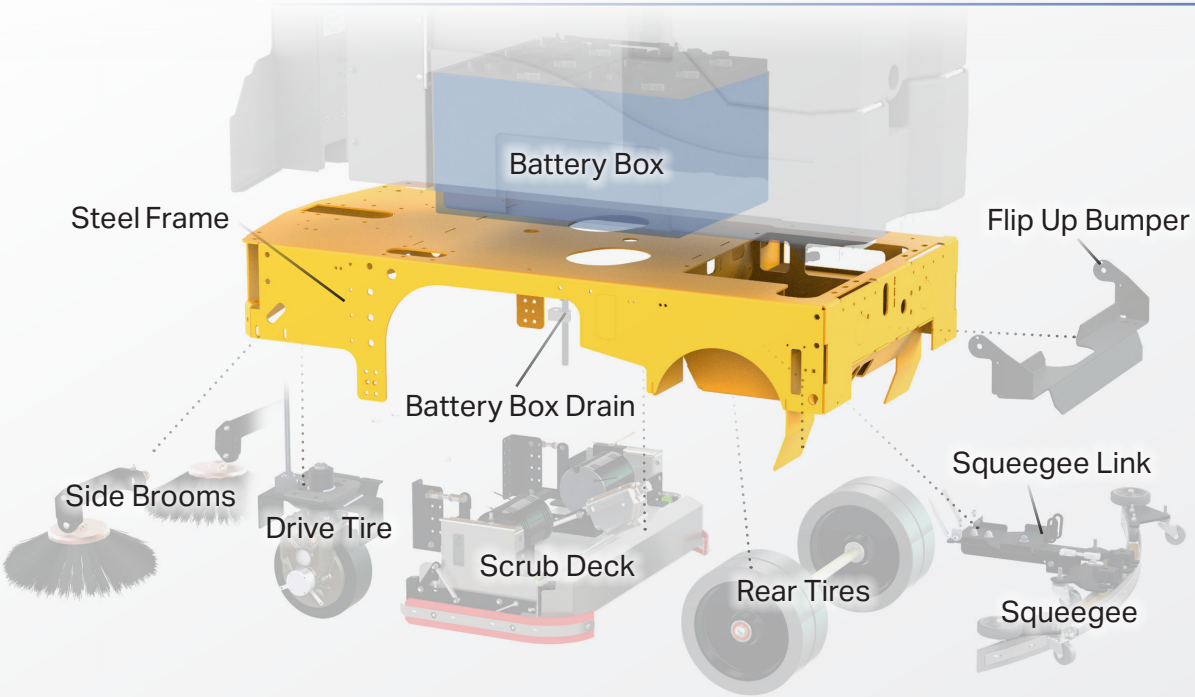


Large Clear Lid

Any customer who has previously owned and operated cleaning equipment will appreciate the value of full visibility of the dirty water recovery tank.

- This provides the operator with a real-time view of the dirty water level, foam, debris tray, the vacuum's white vac filter and more.

- The fully accessible recovery tank is perhaps our most significant feature for cost reduction. Open the lid to clean out the recovery tank, eliminating odors and other contaminants which can become airborne and inhaled by employees.

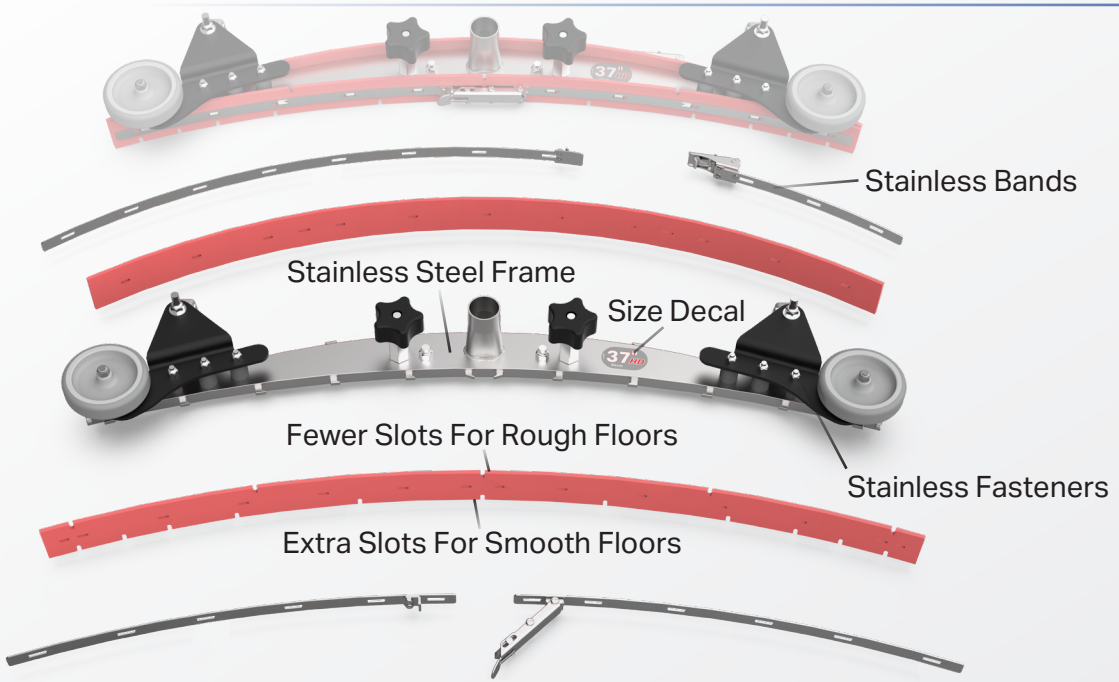


Steel Frame

We spend the extra time and money to through-bolt with stainless fasteners for longevity and service ease in the future. Some of our larger rider scrubbers have 750-lbs in batteries in a full height poly liner, supported by the steel frame.

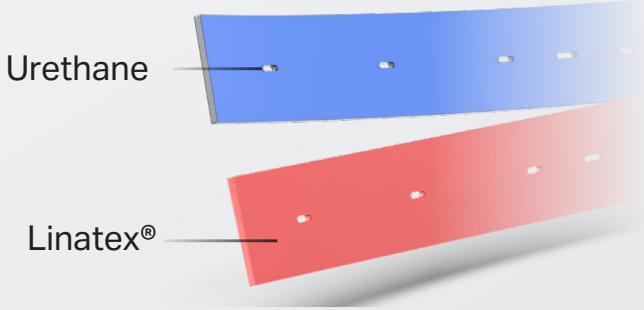
- All assemblies mount directly to the 7-ga (3/16" thick) steel frame, instead of plastic parts that will fatigue in time.

- Accidental damage to bumpers, decks, wheels, or over tensioning the frame during transport will not damage our tanks since we don't bolt collision points to the poly tank.



Stainless Squeegee

- Parts exposed to recovery water are stainless steel
- Locking latches front and rear
- Range of material for different applications
- Smooth and Rough floor hole patterns



*Pro v3 uses a curved steel squeegee

You Be The Judge



Baffle System

• The dirty water passes into our drain saver basket, and then fills up the rear side of the baffle such that the foam doesn't migrate to the front where the stainless screen and float ball operate.

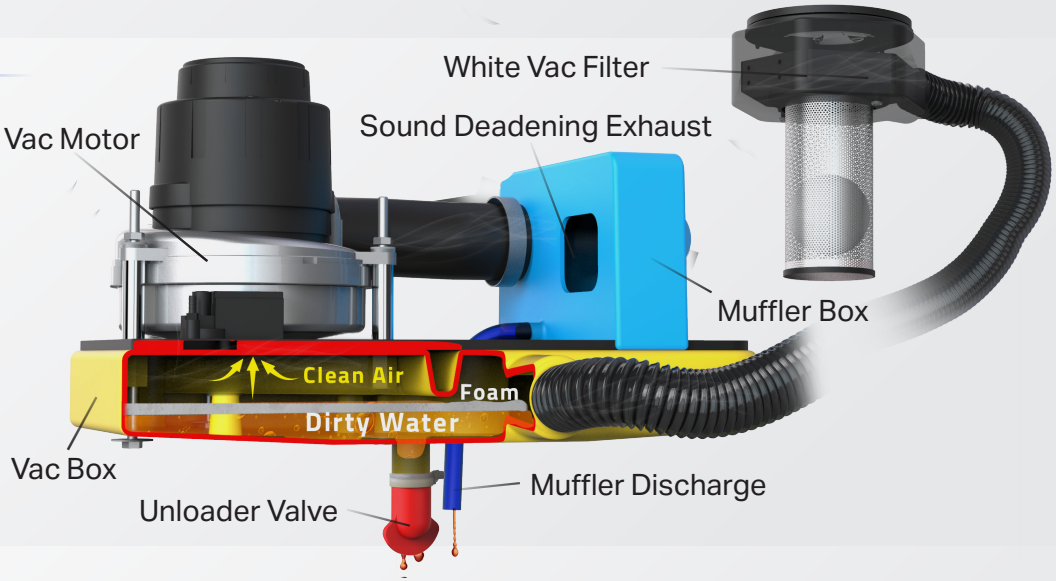
• The stainless screen and white vacuum filter offer protection and ensure good airflow (squeegee performance).

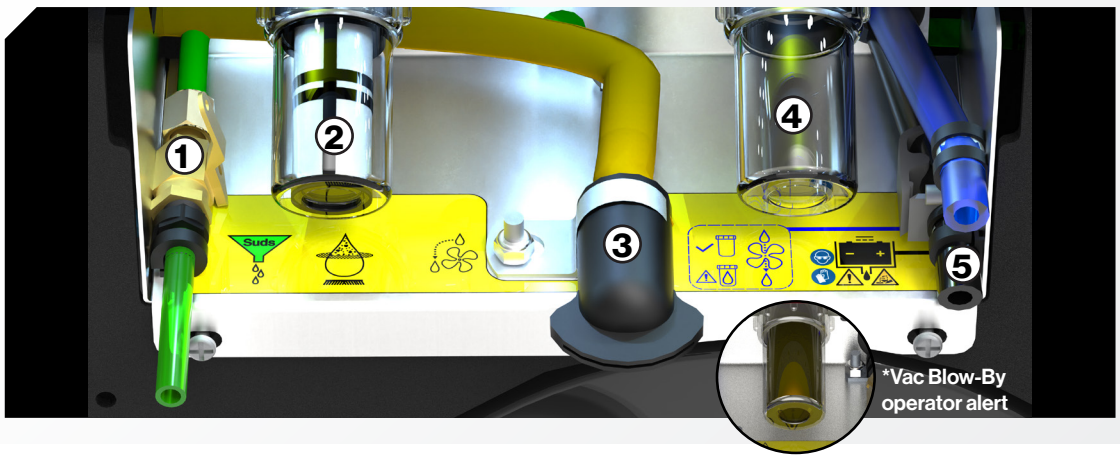
Patented Vac Box System

• This invention earned a US Patent. The Yellow Vac Box is vacuumized and safely stores up to 1 gallon of foam or dirty water away from the vac motor's intake.

• Dirty water drains out of the Yellow Vac Box via Unloader Valve as soon as vacuum is turned OFF.

• The Blue Muffler Box reduces the noise and directs moisture out to the bowls, alerting the operator of a problem.





Patented Service Cabinet

① Suds Valve: Drain soap from Suds Reservoir
② Solution Filter: Screen fresh water to scrub deck
③ Unloader Valve: Auto drains dirty water protecting Vac
④ Vac Blow-By: Collects vac moisture to alert operator
⑤ Battery Box Valve: Drain excess electrolyte safely



Education

Schools frequently value the maneuverability of our designs for those congested areas and small elevators. Both K though 12 and universities utilize the superior productivity from our large tank capacities and run time. Onboard ozone (ZERO3) and our EDGE Orbital technology greatly reduce the use of chemicals and afford meaningful cost savings.



Healthcare

Low noise and optimized water control are key features our healthcare customers require. Our patented vacuum protection and muffler system allow for high performance motors to operate at unmatched levels. These scrubbers combine heavy duty cleaning and drying with noise levels suitable for facilities that operate around the clock.



Gymnasium

Our products are used extensively on wood, VCT, rubber running tracks, concrete, artificial turf and other surfaces that are unique to athletics departments. The wide range of scrub head types and sizes, combined with the assortment of brushes and pads allow for the greatest flexibility.

Applications



Hotels - Hospitality

Food and guest services require a high level of cleaning and frequency. Equipment must cut through heavy grease and navigate commercial kitchens and public lobbies alike. Hotel and resort casinos understand the cleaning equipment must be available to operate 24/7 and often perform a housecleaning role in close proximity to customers.



Retail - Grocery

Many in this category are moving away from the cheap imported products to our American equipment that affords them better cleaning performance and less downtime for repairs. Shopping malls, large retail box stores and grocery stores have high daily traffic and often need to clean up product spills promptly in the presence of customers. A quiet and quality cleaning machine sends a good message to the clients that the organization values sanitation.



Distribution - Warehouse

Our company's "industrial equipment" origins result in the most durable equipment offered to the "commercial" sector. Warehouse and distribution centers utilize powerful material handling equipment and steel racking. The cleaning equipment needs to be built to pick up heavy soil, broken pallets, nails and also survive the inevitable collisions with fork trucks and racking.

Specifications



PRO v3 Series



CRZ v2 Series



EX v2 Series



HD v2 Series

	PRO v3 Series	CRZ v2 Series	EX v2 Series	HD v2 Series
BODY CONSTRUCTION / DIMENSIONS				
Chassis Construction:	3/16" Steel *(4.8 mm)* Powder Coated	3/16" Steel *(4.8 mm)* Powder Coated	3/16" Steel *(4.8 mm)* Powder Coated	3/16" Steel *(4.8 mm)* Powder Coated
Front Wheels (Ø × Width)	8" × 3" *(20 × 8 cm)* - Solid Grey, Non-Marking	10" × 3" *(25 × 8 cm)* - Solid Grey, Non-Marking	12" × 4" *(30 × 10 cm)* - Solid Grey, Non-Marking	12" × 4" *(30 × 10 cm)* - Solid Grey, Non-Marking
Rear Wheels (Ø × Width):	10" × 3" *(25 × 8 cm)* - Solid Grey, Non-Marking	(2×) 12" × 3" *([2×] 30 × 8 cm)* - Solid Grey, Non-Marking	(4×) 12" × 3" *([2×] 30 × 7 cm)* - Solid Grey, Non-Marking	(2×) 14" × 5" *([2×] 36 × 12 cm)* - Solid Black
Size (L × W × H):	54" × 27" × 40" *(137 × 69 × 102 cm)*	66" × 34" × 64" *(167 × 86 × 163 cm)*	70 " × 37" × 57" *(177 × 93 × 144 cm)*	77" × 43" × 59" *(196 × 109 × 150 cm)*
Weight (w/o Batteries):	450 lbs *(204 kg)*	725 lbs - 850 lbs *(329 - 386 kg)*	790 lbs - 914 lbs *(358 - 414 kg)*	1,200 lbs - 1,250 lbs *(544 - 567 kg)*
Weight (w/ Batteries):	550 - 750 lbs *(249 - 340 kg)*	1,195 - 1,325 lbs *(542 - 601 kg)*	1,260 - 1,436 lbs *(571 - 651 kg)*	1,925 - 1,975 lbs *(873 - 896 kg)*
BRUSH / PAD SYSTEM				
Disk Dimensions:	20" - (1×) 20" Ø *(51 - [1×] 51 cm)* 26" - (2×) 13" Ø *(66 - [2×] 33 cm)*	26" - (2×) 13" Ø *(66 - [2×] 33 cm)* 28" - (2×) 14" Ø *(71 - [2×] 35 cm)* 30" - (2×) 15" Ø *(76 - [2×] 38 cm)* 34" - (2×) 17" Ø *(86 - [2×] 43 cm)*	30" - (2×) 15" Ø *(76 - [2×] 38 cm)* 34" - (2×) 17" Ø *(86 - [2×] 43 cm)* 36" - (2×) 18" Ø *(91 - [2×] 45 cm)*	40" - (2×) 20" Ø *(101 - [2×] 50 cm)* 45" - (2×) 23" Ø *(114 - [2×] 58 cm)*
Disk Motor:	(1-2×) 1 hp *([1-2×] 746 watts)*	(2×) 0.75 hp *([2×] 559 watts)*	(2×) 1.5 hp *([2×] 1,119 watts)*	(2×) 1.5 hp *([2×] 1,119 watts)*
Disk Brush Speed:	180 rpm single / 270 rpm dual.	270 rpm	350 rpm	350 rpm
Cylindrical Dimensions:	N/A	25" - (2×) 6" Ø x 23" *(63 - [2×] 15 × 58 cm)* 29" - (2×) 6" Ø x 27" *(73 - [2×] 15 × 68 cm)* 33" - (2×) 6" Ø x 31" *(83 - [2×] 15 × 78 cm)*	29" - (2×) 6" Ø x 27" *(73 - [2×] 15 × 68 cm)* 33" - (2×) 6" Ø x 31" *(83 - [2×] 15 × 78 cm)* 37" - (2×) 6" Ø x 35" *(94 - [2×] 15 × 89 cm)*	40" - (2×) 7" Ø x 38" *(101 - [2×] 18 × 97 cm)* 46" - (2×) 7" Ø x 44" *(116 - [2×] 18 × 112 cm)*
Cylindrical Motor:	NA	(2×) 0.75 hp *([2×] 559 watts)*	(2×) 1.5 hp *([2×] 1,119 watts)*	(2×) 1.5 hp *([2×] 1,119 watts)*
Cylindrical Brush Speed:	NA	825 rpm	650 rpm	750 rpm
EDGE Dimensions:	24" × 14" *(61 × 36 cm)* 28" × 14" *(71 × 36 cm)*	24" × 14" *(61 × 36 cm)* 28" × 14" *(71 × 35 cm)* 32" × 14" *(81 × 35 cm)*	N/A	N/A
EDGE Motor:	1.5 hp *(1,119 watts)* 2,700 rpm	1 hp *(746 watts)* 2,700 rpm	N/A	N/A
Brush Down Pressure:	Up to 150 lbs *(68 kg)* / 500 lbs *(227 kg)* Actuator Rating	Up to 200 lbs *(90 kg)* / 500 lbs *(227 kg)* Actuator Rating	Up to 225 lbs *(102 kg)* / 500 lbs *(227 kg)* Actuator Rating	Up to 250 lbs *(113 kg)* / 500 lbs *(227 kg)* Actuator Rating
POWER SYSTEM				
System Voltage/Amps	36 VDC / (3x) 130 Ah WET	36 VDC / 210 Ah WET	36 VDC / 310 Ah WET	36 VDC / 325 Ah WET
Optional Battery: *Includes Onboard Charger	(1x) 80 Ah – (2x) 160 Ah Li-ion (3x) 150 Ah WET (3x) 150 Ah AGM	(2x) 160 Ah – (3x) 240 Ah Li-ion (Touchscreen required) Up to 360 Ah WET / 335 Ah AGM*	(2x) 160 Ah – (3x) 240 Ah Li-ion (Touchscreen required) Up to 360 Ah WET / 310 Ah AGM*	(3x) 240 Ah Li-ion (Touchscreen required) Up to 420 Ah WET / 400 Ah AGM*
Run Time: **Based on continuous scrubbing run times.	Up to 4 Hours**	Up to 5.5 Hours**	Up to 5 Hours**	Up to 5.0 Hours**
DRIVE SYSTEM				
Power:	0.75 hp - All Gear / Sealed *(559 watts)*	0.75 hp - All Gear / Sealed *(559 watts)*	1.0 hp - All Gear / Sealed *(746 watts)*	1.0 hp - All Gear / Sealed *(746 watts)*
Forward Speed:	0 - 320 ft/min / 0 - 3.6 mph *(0 - 98 m/min / 0 - 6 km/h)*	0 - 320 ft/min / 0 - 3.6 mph *(0 - 98 m/min / 0 - 6 km/h)*	0 - 320 ft/min / 0 - 3.6 mph *(0 - 98 m/min / 0 - 6 km/h)*	0 - 320 ft/min / 0 - 3.6 mph *(0 - 98 m/min / 0 - 6 km/h)*
Scrubbing Speed:	0 - 256 ft/min / 0 - 2.9 mph *(0 - 78 m/min / 0 - 5 km/h)*	0 - 256 ft/min / 0 - 2.9 mph *(0 - 78 m/min / 0 - 5 km/h)*	0 - 256 ft/min / 0 - 2.9 mph *(0 - 78 m/min / 0 - 5 km/h)*	0 - 256 ft/min / 0 - 2.9 mph *(0 - 78 m/min / 0 - 5 km/h)*
Reverse Speed:	0 - 230 ft/min / 0 - 2.6 mph *(0 - 70 m/min / 0 - 4 km/h)*	0 - 230 ft/min / 0 - 2.6 mph *(0 - 70 m/min / 0 - 4 km/h)*	0 - 230 ft/min / 0 - 2.6 mph *(0 - 70 m/min / 0 - 4 km/h)*	0 - 230 ft/min / 0 - 2.6 mph *(0 - 70 m/min / 0 - 4 km/h)*
SOLUTION / RECOVERY SYSTEMS				
Solution Tank Capacity:	22 Gallons *(83 liters)* - w/ Graduated Sight Tube	33 Gallons *(125 liters)* - w/ Graduated Sight Tube	46 Gallons *(174 liters)* - w/ Graduated Sight Tube	65 Gallons *(246 liters)* - w/ Graduated Sight Tube
Solution Flow / Filter:	0 - 0.5 GPM / Stainless Inline *(0 - 2 LPM)*	0 - 0.7 GPM / Stainless Inline *(0 - 2.65 LPM)*	0 - 0.7 GPM / Stainless Inline *(0 - 2.65 LPM)*	0 - 1.0 GPM / Stainless Inline *(0 - 3.7 LPM)*
Recovery Tank Capacity:	23 Gallons *(87 liters)* - 1.5" Ø Drain Hose	36 Gallons *(136 liters)* - 1.5" Ø Drain Hose	49 Gallons *(185 liters)* - 1.5" Ø Drain Hose	78 Gallons *(295 liters)* - 1.5" Ø Drain Hose
Demisting Chamber:	0.75 Gallons *(3 liters)*	1.25 Gallons *(4.7 liters)*	1.25 Gallons *(4.7 liters)*	1.25 Gallons *(4.7 liters)*
Drain Saver:	NA	130 cubic inches *(2,130 cubic cm)*	130 cubic inches *(2,130 cubic cm)*	130 cubic inches *(2,130 cubic cm)*
Vacuum Power (Water Lift / Airflow):	0.8 hp / 2 Stage / 6.6" Ø *(597 watts)* 68" / 72 cfm *(173 cm / 2 m³/min)*	1.0 hp / 2 Stage / 6.6" Ø *(746 watts)* 73" / 96 cfm *(185 cm / 2.7 m³/min)*	1.0 hp / 2 Stage / 6.6" Ø *(746 watts)* 73" / 96 cfm *(185 cm / 2.7 m³/min)*	(2x) 1.0 hp / 2 Stage / 6.6" Ø *(746 watts)* 73" / 180 cfm *(185 cm / 5.1 m³/min)*
GENERAL				
Productivity - Theoretical: ***Based off of ISSA 2010 Cleaning Times	Up to 38,500 sqft/hr *(3,577 m²/hr)****	Up to 47,000 sqft/hr *(4,366 m²/hr)****	Up to 51,000 sqft/hr *(4,738 m²/hr)****	Up to 63,000 sqft/hr *(5,852 m²/hr)****
Productivity - Practical: ***Based off of ISSA 2010 Cleaning Times	Up to 18,000 sqft/hr *(1672 m²/hr)****	Up to 21,661 sqft/hr *(2,012 m²/hr)****	Up to 23,627 sqft/hr *(2,195 m²/hr)****	Up to 29,374 sqft/hr *(2,728 m²/hr)****

Our Family's American Dream

RPS **has been family owned from it's inception in 1986, and proudly builds in Wisconsin (USA). The company has grown over the last 40-years with a strong group of executives including the 2nd generation of family owners who started in the shop as youngsters.**



Assembled By Hand

Our American workforce hand builds each machine with components heavily sourced from American suppliers. We routinely pay more for these domestically supplied components required to build a superior product. All design, prototyping, production and testing is done in-house where we can best control quality.



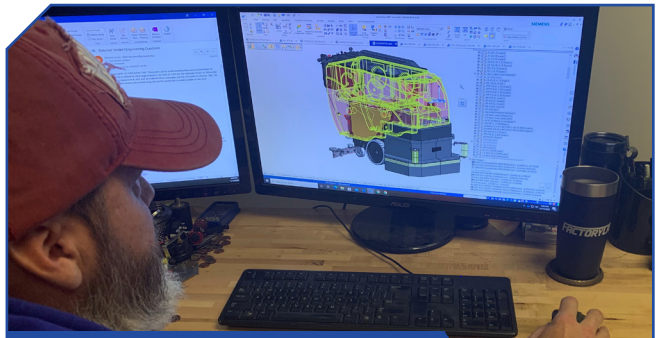
Steel Fabrication

We produce heavy duty equipment and require a good amount of thick steel in the construction. We use a combination of Stainless 304 (Austenitic 18/8) and mild steel with e-coating + powder paint for corrosion resistance. Steel fabrication is done in-house or from local suppliers with specialty equipment.



Rotational Molding

Complex shapes that allow for our "tank-in-tank" design are best achieved with in-house equipment. We own multiple dual station rotational molding machines that allow us to produce finished parts from raw plastic. Producing consistently higher quality parts, and respond quickly to sales spikes.



Product Design

Our team has designed and engineered over 100 unique machines. Each new generation of machines evolve from prior designs to retain the strengths and correct any weakness. From the first pencil sketch we focus on durability, serviceability, performance, productivity, specifications, and value.