

# TOMCAT<sup>®</sup>

Handmade in U.S.A. - Est 1986

Premium Walk-Behind Scrubbers **v2.0**

Sport | Carbon | Hero



Family-Owned & Operated



Burnisher

Scrubbers

Sweepers

# Choose Your Chassis



## Sport v2.0 Specs

- Up to 52,000 sqft/Charge
- 12 / 15 Gallons
- 20 - 26 inch decks

## Applications

- Automotive Shops
- Machine Shops
- Warehouses



## Carbon v2.0 Specs

- Up to 102,000 sqft/Charge
- 21 / 23 Gallons
- 25 - 29 inch decks

## Applications

- Fabrication Shops
- Beverage Distribution
- Food Packaging



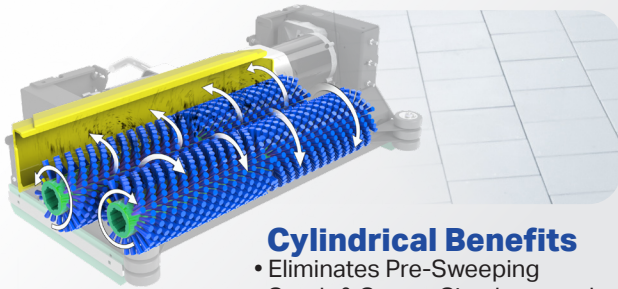
## Hero v2.0 Specs

- Up to 170,000 sqft/Charge
- 30 / 33 Gallons
- 29 - 34 inch decks

## Applications

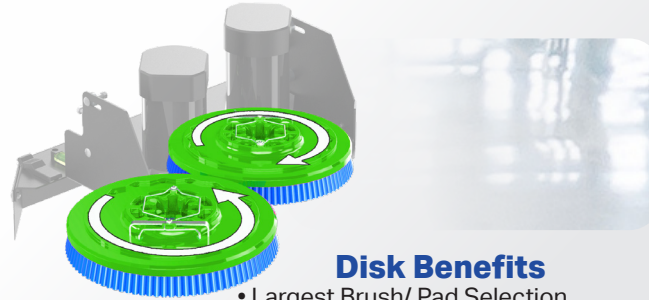
- Distribution
- Sports Arenas
- Aviation

# Choose Your Scrub Deck



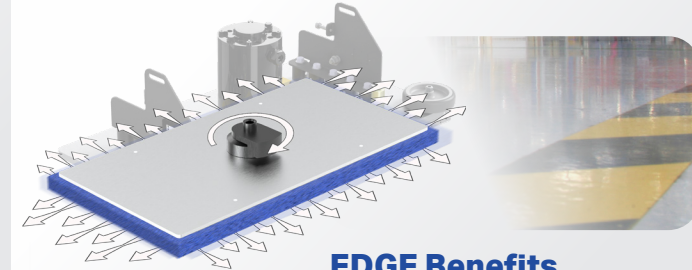
## Cylindrical Benefits

- 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



## EDGE Benefits

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

# Choose Your Controller

## Military Grade

(Year 1970 Technology)



## Legacy

(Year 2000 Technology)

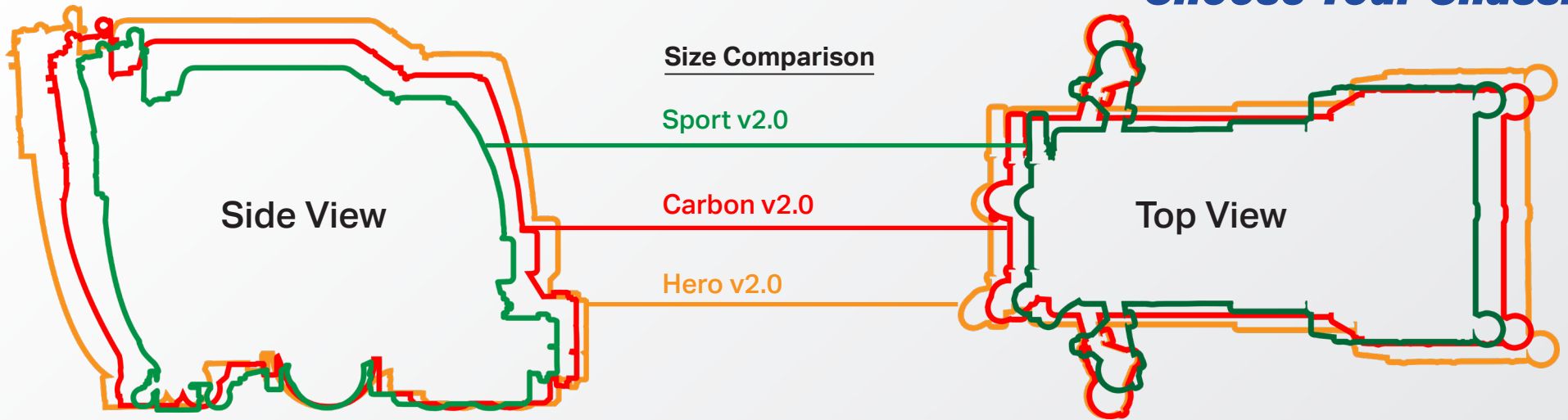


## Touch Screen

(Year 2010 Technology)

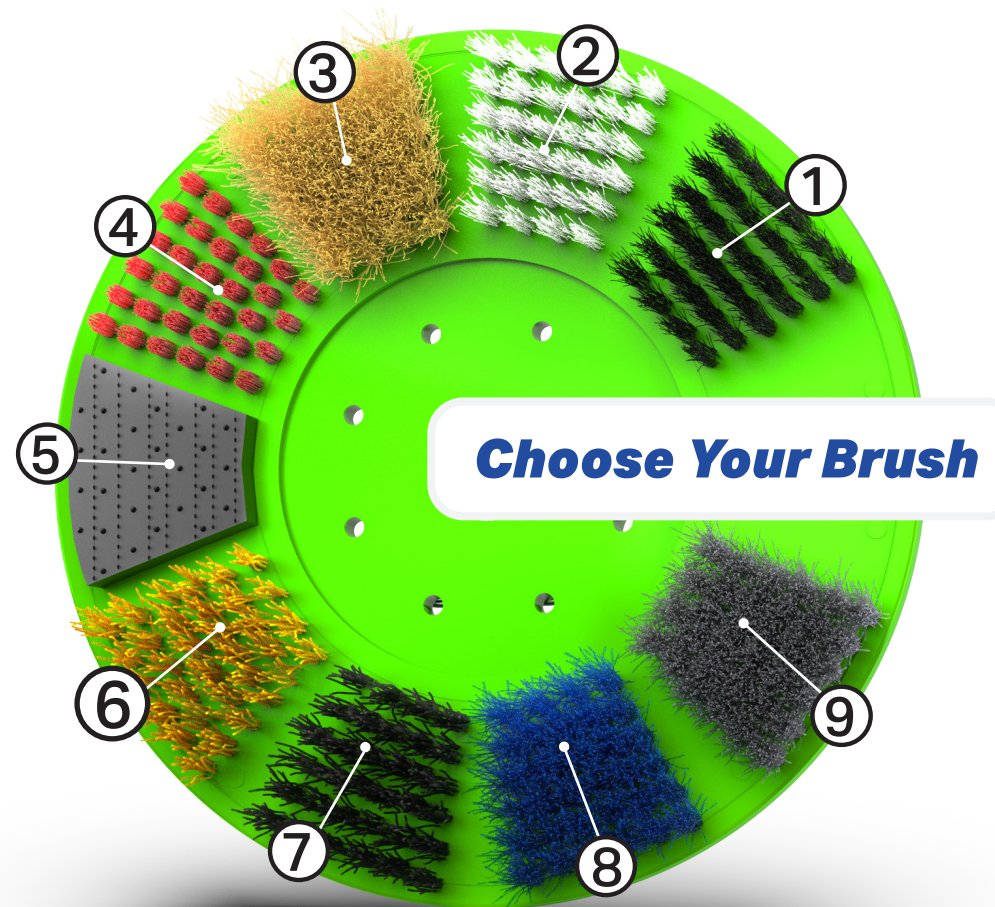


# Choose Your Chassis

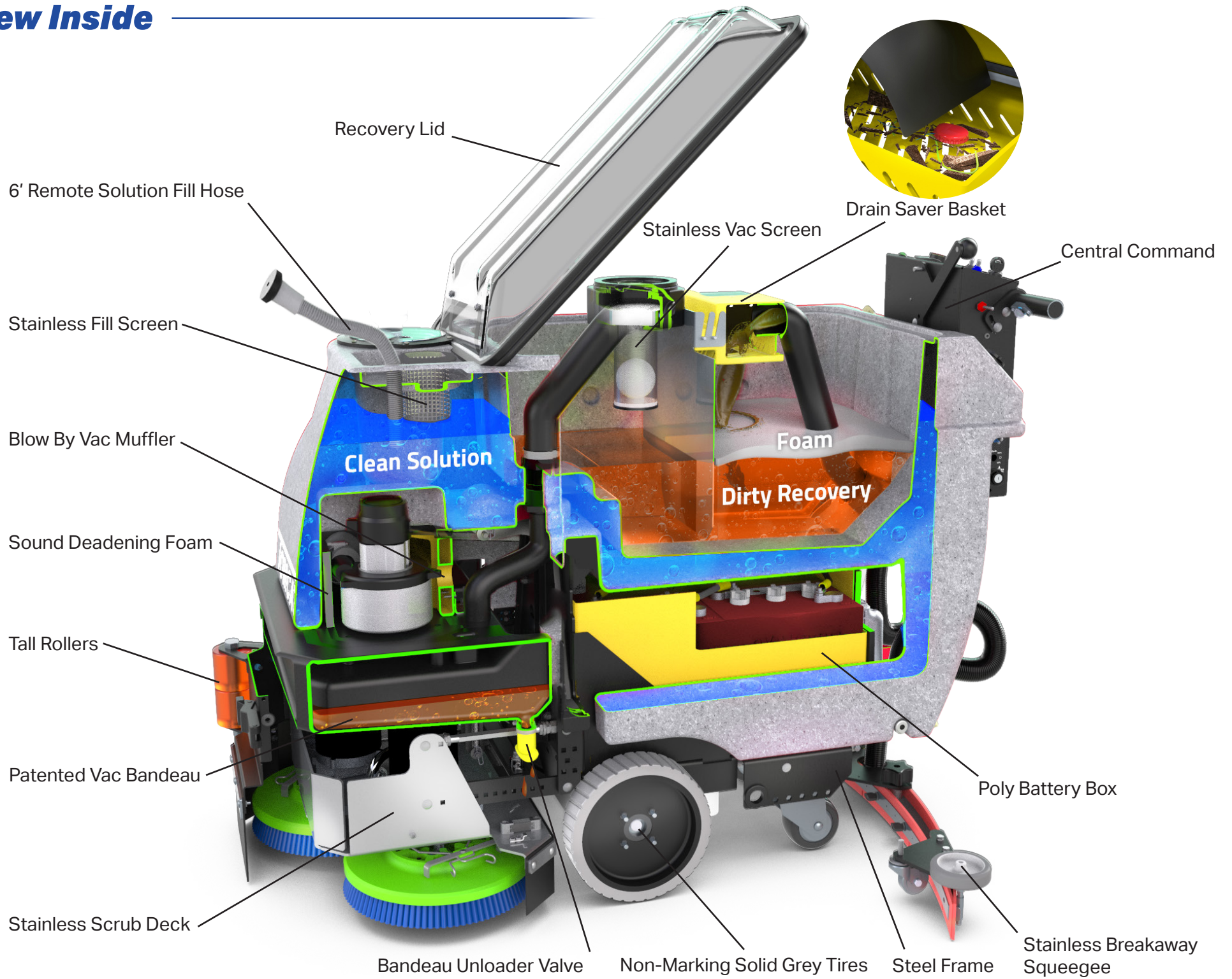


- ①\* Polypropylene: Black / Medium - Light
- ② Nylon: White / Light - Soft
- ③ Tampico: Tan / Soft
- ④\* Tufted Pad Driver: Red / Variety Pads
- ⑤\* Neoprene Pad Driver: Black / Variety Diamond Pucks
- ⑥\* Super Grit: Orange / Extreme Rough
- ⑦ Tough Grit: Black / Very Rough
- ⑧ Midi Grit: Blue / Rough
- ⑨ Light Grit: Grey / Medium

\*Not offered on Cylindrical Brushes



# View Inside





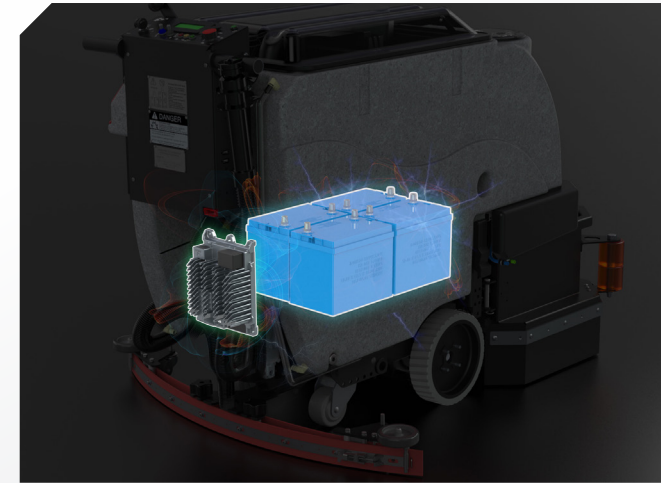
## Antimicrobial Sanitation Package

- Clean With Chemical, or Aqueous Ozone
- Spray Wand For Hard To Reach Places
- Antimicrobial Tank
- Dedicated 3 Gallon Disinfectant Tank



## Scrub And Vac Wand / Spray Jet

- Brush for scrubbing, squeegee for water pickup
- Clean restrooms and under tables
- Pre soak the floor before scrubbing
- Rinse out recovery tank



## Onboard Charger / AGM Batteries

- Convenient Charging anywhere
- Logs most recent charge events
- Maintenance Free Batteries
- Spill Proof Housing



## Stainless Frame

- Stainless Metal prolongs machine life
- Guards against moisture and chemical
- Great for corrosive applications (fertilizer, salt spreading for DOT)



## Suds / ZERO3

- Automatic portion control with Suds
- Cleaning with chemical free Aqueous Ozone



## Metal Lid / HD Wheels / Disk Shroud

- Heavy Duty Steel Lid
- Steel Hub HD Wheels
- Removable Disk Shroud

# You Be The Judge

Easy Access to key components:

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



## Tip Back Tank

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

- Tanks tip back without tools, providing easy top side access to all important service items.
- Quick access allows the technician to trouble shoot from their feet and make repairs quickly, with less chance of creating unintended problems from disassembling 5 items to get to the 1 that failed.

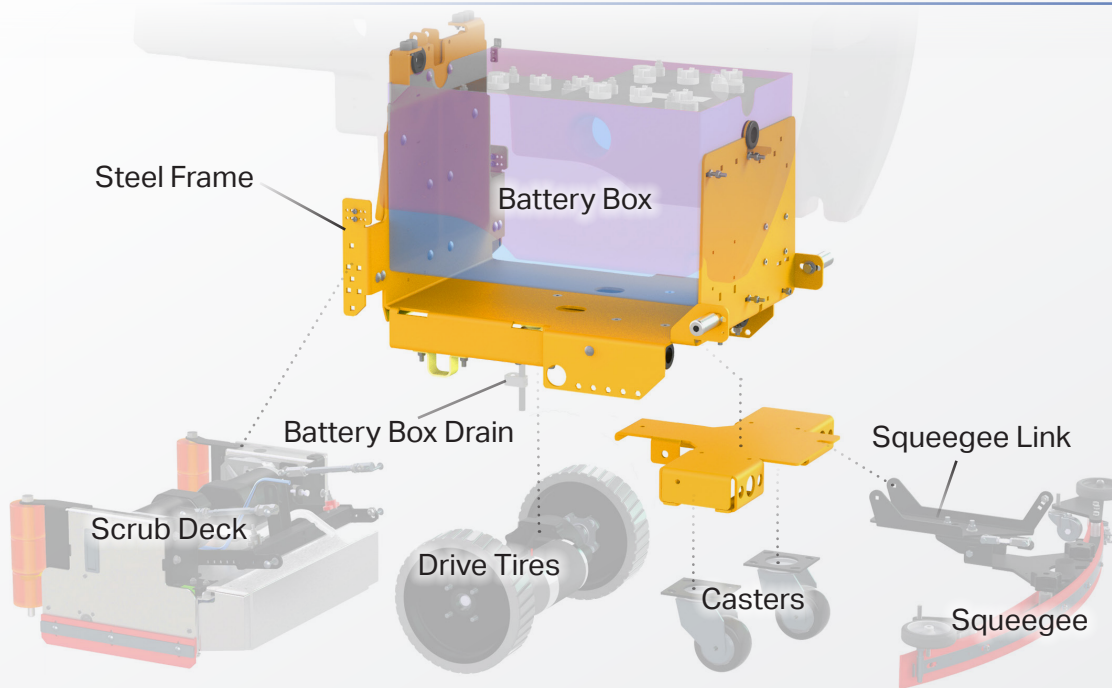


## Large Clear Lid

Any customer who has previously owned and operated cleaning equipment will appreciate the value of full time viewing 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 dust filter and more.
- The fully accessible recovery tank is easily 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 machines have 600-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 casters, or over tensioning the frame during transport will not damage our tanks since we don't bolt collision points to the poly tank.

## Baffle System



Another feature you'll not find elsewhere is our stainless baffle wall that controls foam in the recovery tank.

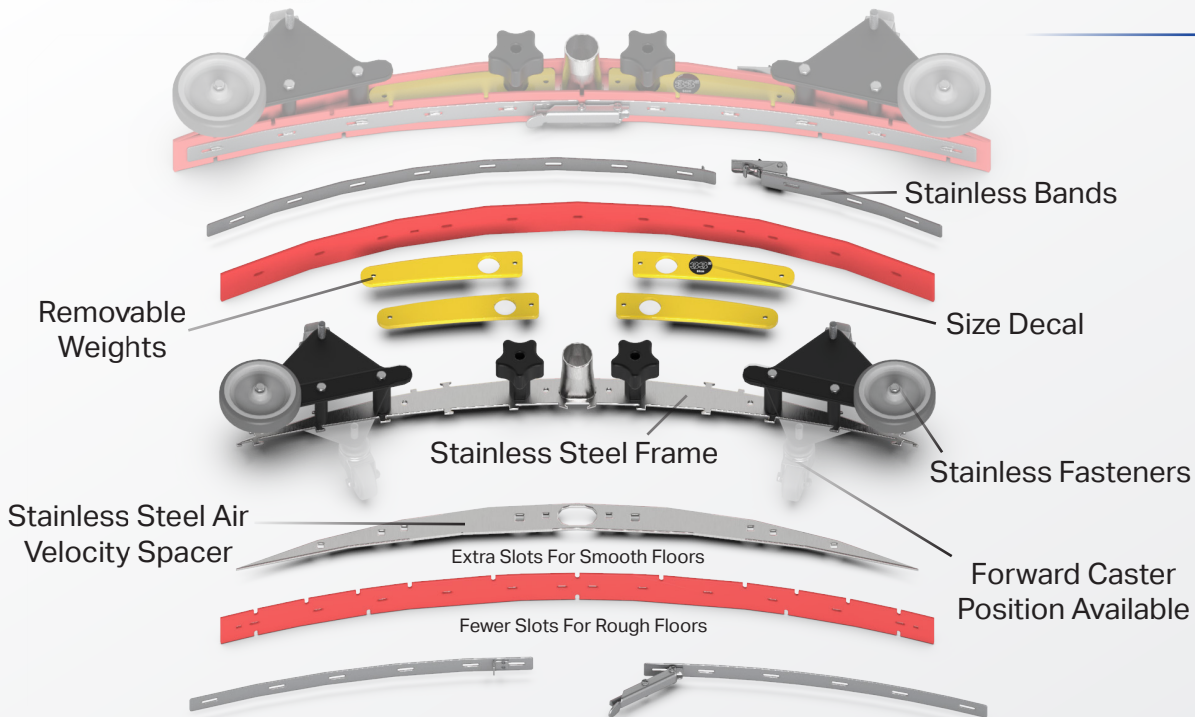
- The dirty water passes into our drain saver basket, and then fills up the rear side of the baffle such that the foam doesn't migrate to the front where the stainless screen and ball float operates.
- The stainless screen and white vacuum filter offer additional protection. These are the first of several steps taken to ensure good airflow (squeegee performance) and protecting the vacuum motor from moisture.

# You Be The Judge



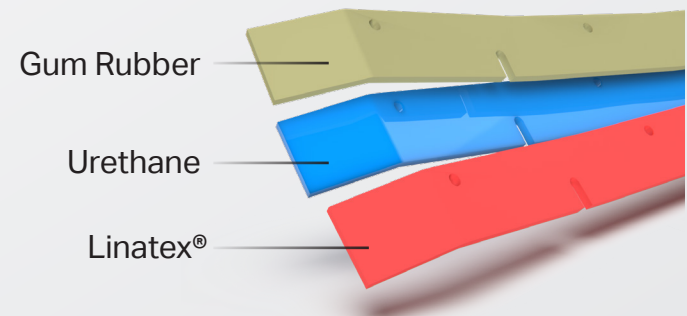
## Patented Bandeau System

- This design was so unique and meaningful it earned a US Patent, and something you won't find elsewhere.
- The black bandeau is vacuumized and holds 1-gallon of foam or dirty water away from the vac motor, backing up the primary filters and balls screens.
- The "unloader" valve automatically drains off any residual water when vac is OFF.
- The yellow muffler box both reduces the noise and also directs any digested water out a tube, to alert the operator to a problem.



## 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





## Education



Schools frequently value the maneuverability of our designs for those congested areas and small elevators. Both K through 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.

## Sports Arena



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.



## Hotels - Hospitality

Food and guests services require a high level of cleaning and frequency. Equipment that can cut through heavy grease, 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 housecleaning role in close proximity to customers.



## Retail - Grocery

Many in this category are moving away from the cheap imported products to our American made 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 "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.



## Sport v2.0

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 8" x 2" ((2x) 20 x 5 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 2.5" x 1.38" ((2x) 6 x 4 cm) - Non-Marking Grey
Size (L x W x H):	45" x 21" x 39" (114 x 53 x 99 cm)
Weight (w/o Batteries):	278 - 328 lbs (126 - 149 kg)
Weight (w/ 210 ah Batteries):	410 - 460 lbs (186 - 209 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	20" - (1x) 20" Ø (51 - [1x] 51 cm)
<small>Includes Jaws with Rollers for Wall Protection</small>	
Disk Motor:	20" (1x) 0.75 hp / 200 rpm (51 cm [1x] 551 watts) 26" - (2x) 0.75 hp / 270 rpm (66 cm [2x] 551 watts)
Optional Motor Upgrade:	(2x) 1.0 hp / 350 rpm ((2x) 735 watts)
Cylindrical Dimensions:	25" - (2x) 6" x 23" (64 - [2x] 15.2 x 58 cm)
<small>6" Ø Brush</small>	
Cylindrical Motor:	(2x) 0.75 hp / 270 rpm (2x) 551 watts
Cylindrical Brush Speed:	750 rpm
EDGE Dimensions:	20" x 14" (51 x 35.6 cm) 24" x 14" (61 x 35.6 cm)
EDGE Motor:	1.0 hp (735 watts) 2,500 rpm
Brush Down Pressure:	Up to 175 lbs (79 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 130 ah WET
Optional Battery:	150 ah WET / 115 ah AGM* / 140 ah AGM*
<small>*Includes Onboard Charger</small>	
Run Time:	Up to 2.5 Hours**
<small>**Based on continuous scrubbing run times.</small>	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (551 watts) & Pad Assist
Forward Speed:	0 - 230 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Scrubbing Speed:	0 - 184 ft/min / 0 - 2 mph (0 - 56 m/min / 0 - 3 km/h)
Reverse Speed:	0 - 130 ft/min / 0 - 1.5 mph (0 - 40 m/min / 0 - 2 km/h)
SOLUTION / RECOVERY SYSTEMS	
Solution Tank Capacity:	12 Gallons (45 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 0.5 GPM / Stainless Inline (0 - 2 LPM)
Recovery Tank Capacity:	15 Gallons (56.8 liters) - 1.5" Ø Drain Hose
Small Tank Capacity:	N/A
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" Ø (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Decibels:	63 dBA / ECON 61 dBA**
<small>**Decibel levels for Disk per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers &amp; OSHA</small>	
Productivity - Theoretical:	Up to 26,000 sqft/hr (2,415 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	
Productivity - Practical:	Up to 12,059 sqft/hr (1,120 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	



## Carbon v2.0

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 10" x 2.5" ((2x) 25.4 x 6 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 4" x 2" ((2x) 10 x 5 cm) - Non-Marking Grey
Size (L x W x H):	52" x 22" x 40" (132 x 55 x 101 cm)
Weight (w/o Batteries):	393 - 443 lbs (178 - 201 kg)
Weight (w/ 210 ah Batteries):	625 - 675 lbs (284 - 306 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	26" - (2x) 13" Ø (66 - [2x] 33 cm)
<small>Includes Jaws with Rollers for Wall Protection</small>	
Disk Motor:	(2x) 0.75 hp / 270 rpm ((2x) 551 watts)
Optional Motor Upgrade:	(2x) 1.0 hp / 350 rpm ((2x) 735 watts)
Cylindrical Dimensions:	25" - (2x) 6" x 23" (63 - [2x] 15 x 58 cm)
<small>6" Ø Brush</small>	
Cylindrical Motor:	25" - (2x) 0.75 hp ((2x) 551 watts) 29" - (2x) 1.0 hp ((2x) 735 watts)
Cylindrical Brush Speed:	750 rpm
EDGE Dimensions:	24" x 14" (61 x 35 cm) 28" x 14" (71 x 35 cm)
EDGE Motor:	1.0 hp (735 watts) 2,500 rpm
Brush Down Pressure:	Up to 175 lbs (79 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 210 ah WET
Optional Battery:	245 ah WET / 250 ah AGM*
<small>*Includes Onboard Charger</small>	
Run Time:	Up to 3.5 Hours**
<small>**Based on continuous scrubbing run times.</small>	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	0 - 290 ft/min / 0 - 3.3 mph (0 - 88 m/min / 0 - 5 km/h)
Scrubbing Speed:	0 - 229 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Reverse Speed:	0 - 202 ft/min / 0 - 2.3 mph (0 - 61 m/min / 0 - 4 km/h)
SOLUTION / RECOVERY SYSTEMS	
Tank Solution Capacity:	21 Gallons (79 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 0.7 GPM / Stainless Inline (0 - 2 LPM)
Tank Recovery Capacity:	23 Gallons (87 liters) - 1.5" Ø Drain Hose
Small Tank Capacity:	16 Gal (60 liters) Solution 17 Gal (64 liters) Recovery
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Decibels:	63 dBA / ECON 61 dBA**
<small>**Decibel levels for Disk per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers &amp; OSHA</small>	
Productivity - Theoretical:	Up to 29,029 sqft/hr (2,696 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	
Productivity - Practical:	Up to 13,454 sqft / hr (1,250 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	



## Hero v2.0

BODY CONSTRUCTION / DIMENSIONS	
Chassis Construction:	3/16" Steel (4.8 mm) Powder Coated
Front Wheels (Ø x Width):	(2x) 12" x 2.75" ((2x) 30 x 7 cm) - Solid Black
Rear Casters (Ø x Width):	(2x) 5" x 2" ((2x) 12.7 x 5.1 cm) - Non-Marking Grey
Size (L x W x H):	55" x 26" x 40" (139 x 66 x 101 cm)
Weight (w/o Batteries):	441 - 481 lbs (200 - 218 kg)
Weight (w/ 315 ah Batteries):	775 - 825 lbs (352 - 374 kg)
BRUSH / PAD SYSTEM	
Disk Dimensions:	30" - (2x) 15" Ø (76 - [2x] 38 cm)
<small>Includes Jaws with Rollers for Wall Protection</small>	
Disk Motor:	(2x) 1.0 hp / 350 rpm ((2x) 735 watts)
Optional Motor Upgrade:	(2x) 1.0 hp / 350 rpm ((2x) 735 watts)
Cylindrical Dimensions:	29" - (2x) 6" x 27" (73 - [2x] 15 x 68 cm)
<small>6" Ø Brush</small>	
Cylindrical Motor:	(2x) 1.0 hp ((2x) 735 watts)
Cylindrical Brush Speed:	750 rpm
EDGE Dimensions:	28" x 14" (71 x 35 cm) 32" x 14" (81 x 35 cm)
EDGE Motor:	1.0 hp (735 watts) 2,500 rpm
Brush Down Pressure:	Up to 185 lbs (84 kg) / 500 lbs (227 kg) Actuator Rating
POWER SYSTEM	
System Voltage/Amps	24 VDC / 310 ah WET
Optional Battery:	360 ah WET / 335 ah AGM*
<small>*Includes Onboard Charger</small>	
Run Time:	Up to 5.0 Hours**
<small>**Based on continuous scrubbing run times.</small>	
DRIVE SYSTEM	
Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	0 - 290 ft/min / 0 - 3.3 mph (0 - 88 m/min / 0 - 5 km/h)
Scrubbing Speed:	0 - 229 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)
Reverse Speed:	0 - 202 ft/min / 0 - 2.3 mph (0 - 61 m/min / 0 - 4 km/h)
SOLUTION / RECOVERY SYSTEMS	
Tank Solution Capacity:	30 Gallons (132 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 1.0 GPM / Stainless Inline (0 - 4 LPM)
Tank Recovery Capacity:	32 Gallons (140 liters) - 1.5" Ø Drain Hose
XL Tank Capacity:	35 Gal (121 liters) Solution 37 Gal (125 liters) Recovery
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	30 cubic inches (492 cubic cm)
Vacuum Power	0.8 hp / 3 Stage / 5.7" (588 watts)
(Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm)
GENERAL	
Decibels:	63 dBA / ECON 61 dBA**
<small>**Decibel levels for Disk per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers &amp; OSHA</small>	
Productivity - Theoretical:	Up to 33,932 sqft/hr (3,152 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	
Productivity - Practical:	Up to 15,784 sqft / hr (1,466 sqm)***
<small>***Based off of ISSA 2010 Cleaning Times</small>	

# Our Family's American Dream

RPS has been family owned from its inception in 1986, and proudly builds in Wisconsin (USA). The company has grown over the last 35-years with a strong group of executives including the 2nd generation of family owners who started in the shop as youngsters.

Authorized Distributor



## Assembled By Hand

Our American workforce hand builds each machine with components sourced over 95% 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.



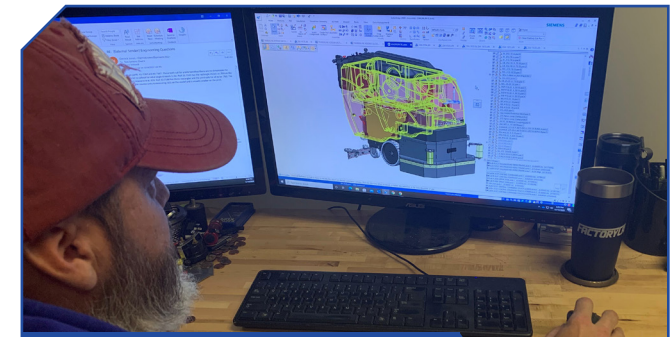
## Steel Fabrication

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.