

FACTORYCAT®

PILOT



25" - 29" Scrubbers



Optional accessories may be featured*



A COMPLETE FAMILY OF INDUSTRIAL CLEANING EQUIPMENT



KEY FEATURES

INDUSTRIES



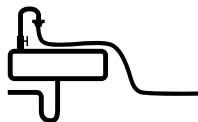
Machine Control Panel uses off-the-shelf toggle and marine duty switches featuring universal icons which simplifies training.



Vacuum Muffler allows machine to consistently achieve as low as 70 dBA while thoroughly drying the floor.



Squeegee Adjustments made simple tool-less maintenance of the squeegee blade.



Fill System features a retractable hose for easy filling on standard sink-faucets and a stainless screen for bucket filling.



Oversized Vacuum Screen Shut-Off quickly arrests overfill issues to protect the Vacuum Motor.



High Performance motors and down pressure provides an unmatched standard of cleaning.



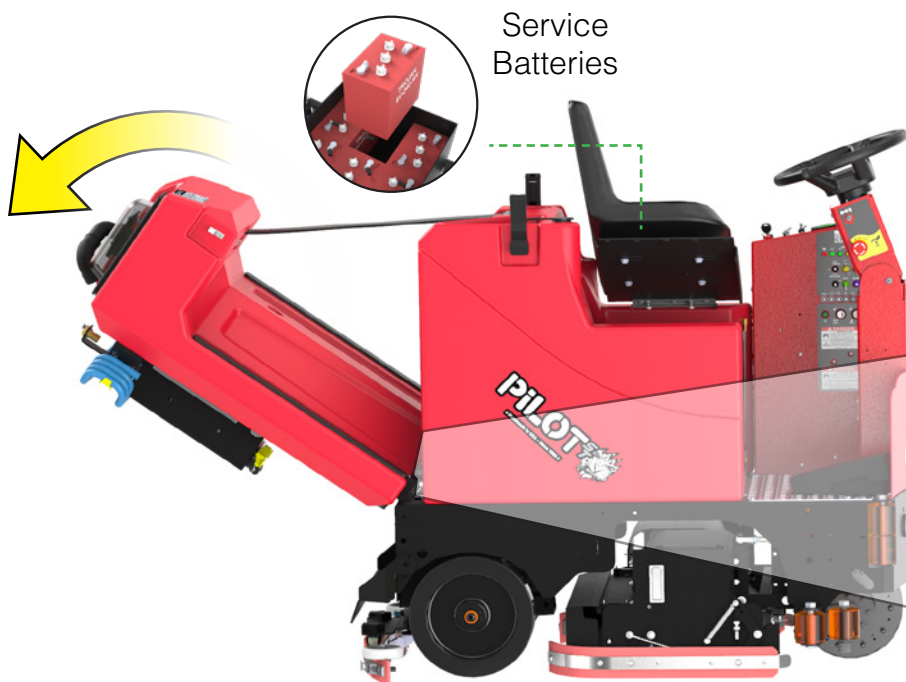
Optional accessories may be featured*

- Fabrication Shops
- Machine Shops
- Aviation
- Beverage Distribution
- Warehouses
- Automotive Shops
- Food Packaging
- Sports Arenas



Optional accessories may be featured*

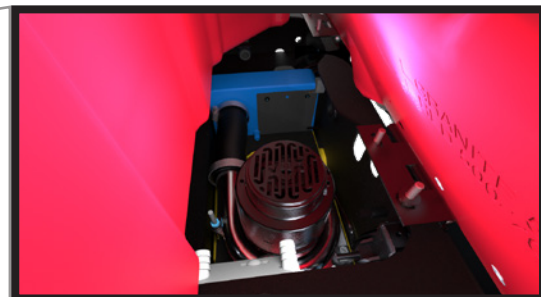
TANK TIPS BACK FOR EASY ACCESS



Service Batteries

Technician View

With the Recovery Tank tipped back, everything inside the chassis is accessible. Valves, Pumps, Actuators and Motors all become serviceable.



VIEW INSIDE

Drain Saver Basket

Oversized Vacuum Screen

Solution Fill Points

Indicator
Dash Lights



Adjustable Steering

Optional
Headlights



Poly Battery Box
With Drain

Vacuum
Protection System

Brake Lights &
Optional Rear Work Lights



Heavy Duty Steel Frame
& Flip Up Bumper

Heavy Duty
Solid Tires

Tower Rollers

Optional accessories may be featured*

Powerful Motors
Better Performance

Powerful Motors
Better Performance

Thick Steel Design
7-10g Thick for Durability

Coated Deck Design
Corrosion Resistance

Disk Benefits

- Brush / Pad Selection
- Lowest Maintenance Cost
- Gimballed Drivers Improves Cleaning On Irregular Floors
- Brushes Individually Driven For Unmatched Performance

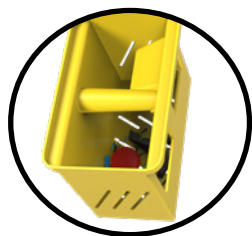
Oversized Brushes (6")
Longer Life

Thick Steel Design
7-10g Thick for Durability

Cylindrical Benefits

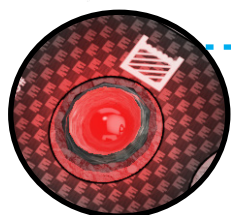
- Eliminates Dust Mopping
- Scrub & Sweep Simultaneously
- Superior Expansion Joint Cleaning

RECOVERY AND VAC BOX



The Poly Drain Saver Basket collects debris so it doesn't clog floor drains.

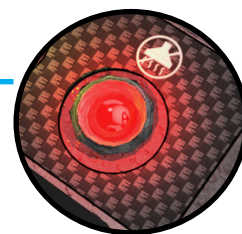
Dirty recovery water from rear squeegee travels through this hose into the recovery tank.



When the tank becomes nearly full a red indicator light in the dashboard turns on.



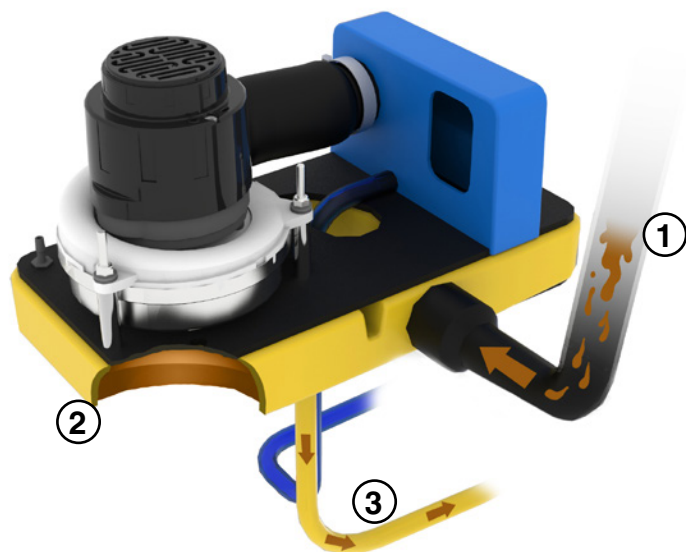
Airflow is drawn through this stainless screen. Any water from this point will travel to the Yellow Vac Box.



When the squeegee clogs a red indicator light in the dashboard illuminates.

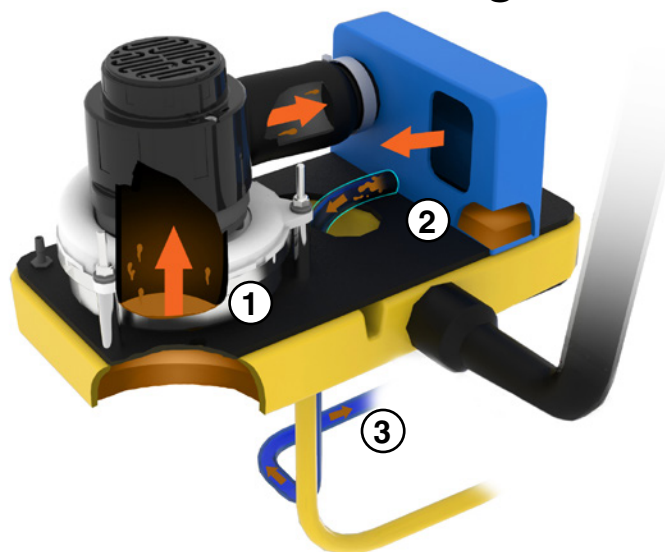
As the tank fills, the Float Ball rises until it is sucked into a sealed position, cutting off airflow to the vacuum motor and triggering red dash light.

Vac Box Unloader



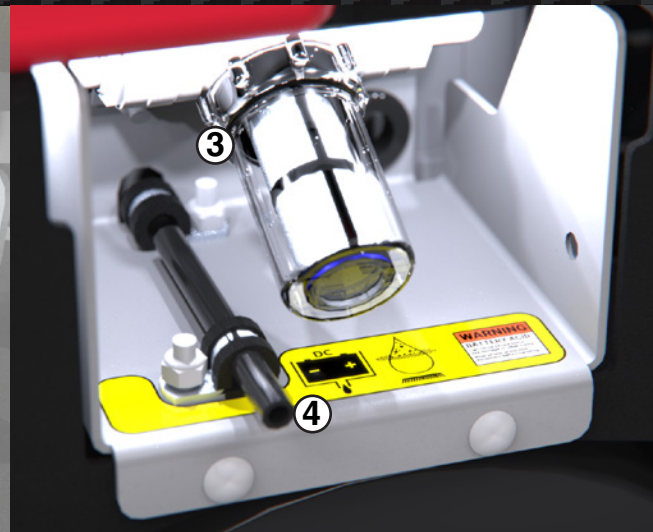
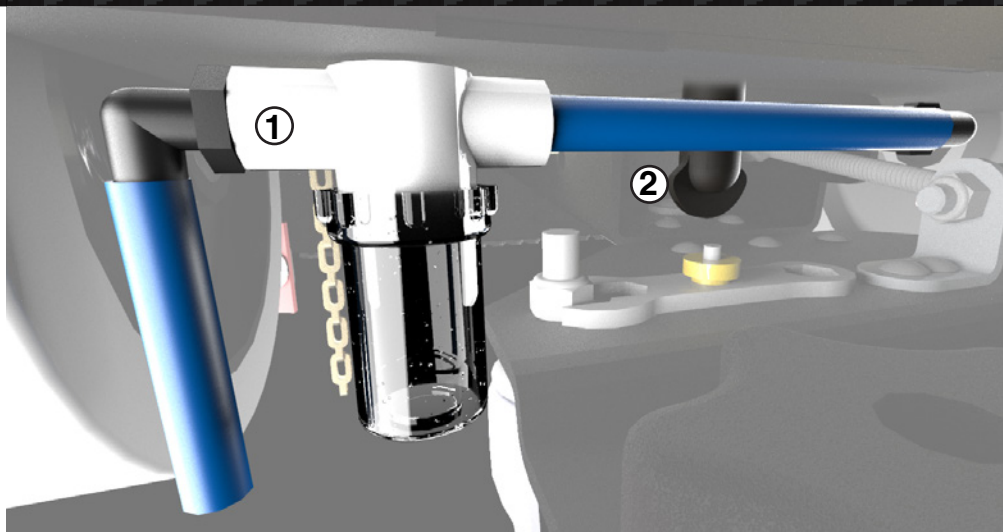
1. If dirty solution bypasses the Vacuum Filter Screen, it will flow into the Yellow Vac Box.
2. The water stays in the Yellow Vac Box chamber due to vacuum pressure and only flows out when the vacuum turns off.
3. After shutting off the vacuum, any dirty water inside the Yellow Vac Box flows out the unloader valve.

Vacuum Discharge



1. In the rare case the Yellow Vac Box overfills, water will pass through the motor.
2. Water passing through the Vacuum Motor exhausts in the Blue Reservoir where it will drain down the unloader valve located in the rear of the machine.
3. A clear bowl shows water has passed through the Vacuum Motor. There is an overflow hose so that extra water flows freely out the blue drain hose.

SERVICE CABINET



1



VACUUM DISCHARGE:

Water passed through the Vacuum Motor will be visible in the reservoir and excess will flow from the blue hose. Indicates service required.

2



VAC BOX UNLOADER:

Unloader valve for the Yellow Vac Box. Water present in the Yellow Vac Box will drain when vacuum is off.

3



SOLUTION FILTER:

Standard Solution Feed Filter for scrubdeck.

4



BATTERY DRAIN:

Drain any fluid from Poly Battery Box.

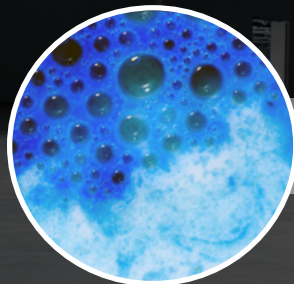
COMMON OPTIONS



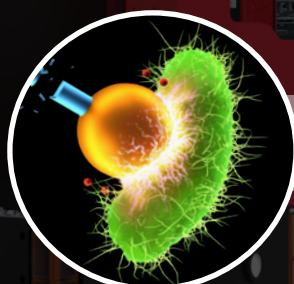
Spray Jet allows operators to spray down hard to reach areas



Work Lights illuminate surroundings for better visibility



Suds - Universal soap proportioning system with two dilution levels



ZER03 - Chemical free solution created on-site and on-demand



Side Doors protect scrubdeck from impact damage



Vac Wand with direct mount for quick and precise clean up.

CALL FOR A DEMONSTRATION



☎ 800-634-4060

🌐 (+001)-262-681-3583

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Since 1986, our family owned company has been designing, building and supporting the best in floor maintenance equipment. Our **FACTORYCAT** brand services the world with unsurpassed industrial cleaning equipment, continually exceeding expectations and setting the industry bar that much higher.

We've built our reputation by providing the highest value machines and providing local support via 425 distributors in over 42 different countries.

AUTHORIZED DISTRIBUTOR

BODY CONSTRUCTION / DIMENSIONS

Tank Material:	Poly 3/8" (9.5 mm)
Chassis Construction:	1/8" (3.1 mm) Steel Powder Coated Steel
ST Front Wheel (Diameter x Width):	8" x 3" (20.3 x 7.6 cm) - Solid Grey, Non-Marking
HD Front Wheel (Diameter x Width):	10" x 3" (25.4 x 7.6 cm) - Solid Black, Hytraq
Rear Wheels (Diameter x Width):	(2x) 12" x 3" ([2x] 30.5 x 7.6 cm) - Solid Black
Size (L x W x H):	48" x 24" x 55" (121.9 x 61 x 139.7 cm)
ST/HD Weight (w/o Batteries):	525 - 575 lbs (238 - 261 kg)
ST/HD Weight (w/ Batteries):	825 - 875 lbs (374 - 397 kg)

BRUSH / PAD SYSTEM

Disk Dimensions:	26" - (2x) 13" Ø (66.0 - [2x] 33.0 cm) 28" - (2x) 14" Ø (71.1 - [2x] 35.6 cm)
Cylindrical Dimensions:	25" - (2x) 6" Ø x 23" (63.5 - [2x] 15.2 x 58.4 cm) 29" - (2x) 6" Ø x 27" (73.7 - [2x] 15.2 x 68.6 cm)
Cylindrical Brush Speed:	HD: 825 rpm / ST: 650 rpm
ST Motors (Disk & Cylindrical):	(2x) 0.75 hp / 350 rpm ([2x] 550 watts)
HD Motors (Disk & 29" Cylindrical):	(2x) 1.5 hp / 350 rpm ([2x] 1,118.6 watts)
Brush Pressure Settings:	(5) with Auto Adjust
Brush Down Pressure:	Up to 150 lbs (68 kg) / 500 lbs (226.8 kg) Actuator Rating

POWER SYSTEM

System Voltage:	36 VDC
ST Standard Battery:	175 ah WET
ST Optional Batteries:	225 ah WET & 200 ah AGM
HD Standard Battery:	225 ah WET
HD Optional Batteries:	200 ah AGM
Run Time:	Up to 4.0 Hours*
<small>*Run time is calculated based on HD Batteries, Down-pressure #1, typical Operator break periods, and Drain & Refill times.</small>	
ST Charger:	120VAC / 60 Hz Input - 36VDC / 25 amp Output
HD Charger:	120VAC / 60 Hz Input - 36VDC / 25 amp Output

DRIVE SYSTEM:

Power:	0.75hp - All Gear / Sealed (559 watts)
Forward Speed:	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)
Reverse Speed:	0 - 230 ft/min / 0 - 2.6 mph (0 - 70 m/min / 0 - 4 km/h)

SOLUTION / RECOVERY SYSTEMS:

Solution Tank Capacity:	22 Gallons (83.3 liters) - w/ Graduated Site Tube
Solution Flow / Filter:	0 - 0.7 GPM / Stainless Inline (0 - 2.6 LPM)
Recovery Tank Capacity:	23 Gallons (87.1 liters) - 2" diameter Drain Hose
Demisting Chamber:	1.25 Gallons (4.7 liters)
Drain Saver:	130 cubic inches (2,130.3 cm³)
Vacuum Power:	1.0 hp / 2 Stage (710 watts / 16.5 cm)
Vacuum Specs (Water Lift / Airflow):	68" / 72 cfm (173 cm / 2 cm/m)
Squeegee:	Curved w/ 4-sided Rear Blade & Quick Change Latch 26D, 25C - 30" (83.8 cm) 28D, 29C - 33" (91.4 cm)

GENERAL:

Cleaning Width:	26" & 28" - Disk (66 & 71.1 cm) 25" & 29" - Cylindrical (63.5 & 73.7 cm)
Sound Levels:	67 dBA**

**Decibel levels per ISO 11201 as recommended by the American Association of Cleaning Equipment Manufacturers & OSHA

Productivity - Theoretical:	Up to 40,000 sqft (3,716 sqm)***
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***Productivity is based off of ISSA 2010 Cleaning Times

Productivity - Practical:	Up to 18,519 sqft (1,721 sqm)***
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***Productivity is based off of ISSA 2010 Cleaning Times



Manufactured By
R.P.S. Corporation
1711 South Street
Racine, Wisconsin 53404 (USA)
Phone: (800) 634-4060
International: (+001) 262-681-3583
www.factorycat.com

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FC-PILOT-BROCHURE (19.067)