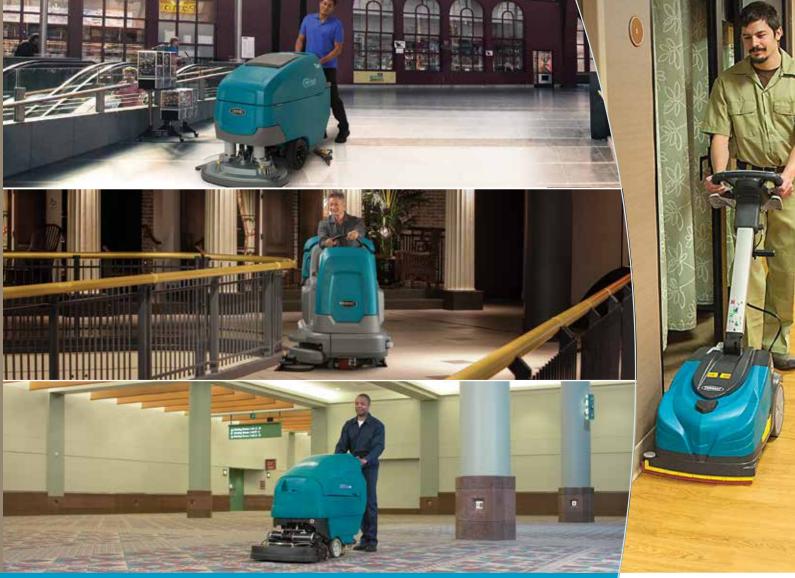


# CREATING A CLEANER, SAFER, HEALTHIER WORLD.



# **Small Product Guide**

- Outstanding cleaning performance to help you succeed
- Innovative floor-care technologies
- Durable equipment for reliable, worry-free operation

# **INDUSTRY LEADING SOLUTIONS** THAT HELP CREATE A CLEANER, SAFER, HEALTHIER WORLD



Tennant Company is a global leader in sustainable cleaning technologies. We design, manufacture, and market innovative cleaning equipment, parts and supplies, plus specialty coatings. For nearly 150 years, we have changed the way customers clean – and consistently raised expectations for cleaning performance.

We invest in research and development that delivers new levels of cleaning efficiency and effectiveness. We develop sustainable cleaning technologies that help to create a cleaner, safer, healthier world. For leading solutions in cleaning, look to the industry leader: Tennant Company.

# OUR INNOVATIVE PRODUCTS

Before we lead, we listen. We use insights from customer feedback to create solutions that change how you clean. From inspiration comes innovation, such as ec-H2O NanoClean<sup>®</sup> technology, Orbio<sup>®</sup> Split Stream technology, and the IRIS<sup>™</sup> remote information technology which sends machine usage data to Tennant to anticipate maintenance needs.

# OUR GLOBAL REACH

Tennant's global field service network is the most extensive in the industry. Tennant sells products directly in 15 countries and through a network of distributors in more than 80 countries.

# OUR PRIMARY PURPOSE

We design, manufacture and market scrubbers, sweepers, burnishers, extractors, vacuums and other cleaning equipment that meet the needs of customers worldwide. Our machines clean millions of square feet of concrete, carpet, vinyl composition tile and synthetic wood every night.

# **RECOGNIZED FOR LEADERSHIP:**

- ORBIO<sup>®</sup> 5000-Sc: Australian Business Awards, Product Innovation Category
- ec-H2O<sup>®</sup> TECHNOLOGY: European Business Awards (EBA), Business Innovation Category
- TENNANT COMPANY: Named one of America's Most Trustworthy Companies by Forbes Magazine
- TENNANT COMPANY: Named a Top 10 Green Company for 2011 by Portfolio 21

# TABLE OF CONTENTS

- 2 INNOVATIONS
- 4 SCRUBBERS
- 11 SWEEPERS
- 13 FLOOR MACHINES / BURNISHERS
- 15 CARPET EXTRACTORS
- 19 VACUUMS
- 23 SPECIALTY MACHINES
- 24 TENNANT TRUE®





# **INNOVATIONS** CHANGING HOW THE WORLD CLEANS





ec-H2O<sup>™</sup> TECHNOLOGY – electrically converts water into an innovative cleaning solution that cleans effectively, saves money, improves safety, and reduces environmental impact<sup>\*</sup> compared to daily cleaning floor chemicals and methods.

\* Based on a study by EcoForm<sup>™</sup>. Visit www.tennantco.com for more information.



ec-H2O NANOCLEAN® TECHNOLOGY – is the next generation of detergent-free cleaning that cleans effectively on a wider range of soils, saves money, and reduces environmental impact compared to daily floor cleaning chemicals.

\* Based on a study by EcoForm<sup>™</sup>. Visit www.tennantco.com for more information.



ORBIO<sup>®</sup> SPLIT STREAM TECHNOLOGY – creates cleaning solution that replaces many daily-use conventional cleaning chemicals. Split Stream technology starts with a widely known electrochemical process, and then optimizes it to produce a consistent, effective cleaner.

# A LEGACY BUILT ON ADVANCING THE INDUSTRY

George H. Tennant opens his small woodworking shop in northeast Minneapolis.



1870



1932

Tennant Company engineers invent the first vacuum-equipped power sweeper for industrial use.



194

Tennant introduces the predecessor to the sweeper/ scrubber, making Tennant units the most versatile in the world.

1963



Fennant develops the first 'built from the ground up" iding scrubber.



Tennant introduces its first walk-behind scrubber.



1978

Tennant Company is committed to leading its industry in sustainable cleaning innovation that empowers our customers to create a cleaner, safer, healthier world.





More than clean, it's ReadySpace:"

READYSPACE<sup>®</sup> RAPID-DRYING CARPET CLEANING TECHNOLOGY – provides fresh, clean carpets in minutes to reduce room and carpet area closure times.

# SMART-FILL<sup>TM</sup>

SMART-FILL<sup>™</sup>– makes battery maintenance safer by removing the task of checking, opening, and filling flooded batteries.



IRIS<sup>®</sup> ASSET MANAGER – offers intelligent insights and key performance metrics to help manage and monitor your machines and make informed decisions to drive your cleaning operations forward.

Tennant introduces ReadySpace<sup>®</sup> quick-drying carpet cleaning technology.



Tennant introduces ec-H2O™ technology that electrically converts water into an innovative cleaning solution.



2008

Tennant Company launches revolutionary Orbio<sup>®</sup> 5000-Sc to replace many daily-use conventional cleaning chemicals.



Tennant Company introduces the Orbio® os3 system and its innovative satellite system to make on-site daily-use cleaning and disinfecting solutions fit in most janitorial closets.

20

Tennant introduces ec-H2O NanoClean<sup>®</sup>, the next generation of sustainable cleaning with breakthrough nanobubble technology.



201

Tennant Company launches the TZAMR, an autonomous mobile robot designed to maximize productivity, increase efficiency and optimize safety.



3

# **SCRUBBERS** RELIABLE TENNANT SCRUBBERS INCLUDE COMPACT BATTERY, WALK-BEHIND, AND RIDER MODELS



# i-mop<sup>®</sup> XL/ XXL Plus

MICRO SCRUBBER/ WALK-BEHIND SCRUBBER

## APPLICATIONS

Hard floors in small, obstructed spaces often found in retail, restaurants, health care, public venues, and schools.

## MODEL HIGHLIGHTS

- Performance of a scrubber with the mobility of a mop
- Reduce labor costs up to 10 times faster than a mop & bucket
- Leave nearly instantaneous dry floors with water recovery

# CS5 MICRO-SCRUBBER

## APPLICATIONS

Hard floors found in small buildings such as convenience stores and restaurants and small spaces in big buildings like patient rooms, restrooms and classrooms.

## MODEL HIGHLIGHTS

- The small size and portable design make it as convenient as a mop and bucket, but it cleans and dries faster.
- Powered by a lightweight and compact lithium battery.
- Reverse dry system eliminates the need to turn allowing for cleaning in tight spaces.

CLEANING PATH: i-mop XL: 18 in / 460 mm i-mop XXL: 24 in / 620mm SOLUTION | RECOVERY TANK: i-mop XL: 1.0 gal / 4.0 L | 1.5 gal / 6.0 L i-mop XXL: 1.25 gal / 5.0 L | 2.0 gal / 8.0 L POWER SOURCE: CLEANING PATH: 11 in / 280 mm SOLUTION | RECOVERY TANK: 1.3 GAL / 5 L SOUND LEVEL: 63 dBA POWER SOURCE:



# T1/T1B MICRO SCRUBBERS

# APPLICATIONS

Hard floors often found in retail, health care, hospitality, airports, and schools.

MODEL HIGHLIGHTS

- Clean small, tight, hard-to-reach spaces with compact, maneuverable design
- Reduce operator fatigue and improve productivity with Insta-Adjust<sup>\*</sup> ergonomic handle
- Reduce risk of slip-and-fall accidents with excellent water recovery

CLEANING PATH: 15 in / 380 mm SOLUTION | RECOVERY TANK: corded – 3.0 gal / 11.4 L | 4.5 gal / 17.0 L battery – 2.5 gal / 9.5 L | 3.4 gal / 12.9 L SOUND LEVEL: T1 – 72 dBA | T1B – 68 dBA POWER SOURCE: T2 WALK-BEHIND SCRUBBER

## APPLICATIONS

Hard floors often found in retail, health care, hospitality, airports, and schools.

## MODEL HIGHLIGHTS

- Experience Tennant performance while maintaining your budget to clean small, congested spaces easily
- Deliver outstanding cleaning and floor safety with the best-in-class
  1.0 hp / 0.75 kW brush motor and water recovery
- Unique storage and transport features make this scrubber perfect for small areas and route cleaning

CLEANING PATH: 17 in / 430 mm SOLUTION | RECOVERY TANK: 7.0 gal / 26 L | 9.5 gal / 36 L SOUND LEVEL: 68 dBA POWER SOURCE:







# T7 MICRO RIDER SCRUBBER

# APPLICATIONS

Decorative floors often found in retail, health care, hospitality, airports, schools, and light industrial facilities.

# MODEL HIGHLIGHTS

- Micro-rider T7 delivers advanced cleanliness at a sound level 75% quieter than competitive models
- Nimble enough to scrub through doorways, and compact enough to fit on standard elevators

# T7 AMR RIDER SCRUBBER

# APPLICATIONS

Hard floor surfaces often found in retail, healthcare, airports, schools, and light duty warehousing and manufacturing.

## MODEL HIGHLIGHTS

- Address labor challenges, drive efficiencies and maintain a high standard of cleaning.
- Teach and repeat model ensures consistent cleaning performance.
- Leverage data to optimize your cleaning operations.



CLEANING PATH: 26 and 32 in / 660 and 810 mm SOLUTION | RECOVERY TANK: 29 gal / 110 L SOUND LEVEL: 67 dBA POWER SOURCE:





CLEANING PATH: Disk: 26 in / 650 mm COVERAGE RATE: Manual: 45,760 ft² / 4,250 m² Autonomous: 28,600 ft² / 2,660 m² SOLUTION | RECOVERY TANK: 29 gal / 110 L SOUND LEVEL: Disk: 70 dBA POWER SOURCE:



# 

Tennant ec-H2O NanoClean® technology electrically converted water is created by an on-board e-cell that generates millions of very tiny microscopic bubbles known as nanobubbles that promote the cleaning efficacy of the solution. This next generation solution offers the same great benefits of the first generation and now cleans better and cleans more soils in more applications. The name NanoClean, refers to the generation of nano-scale bubbles that are an important part of the cleaning mechanism.

# T300/T300e

WALK-BEHIND SCRUBBER

# **APPLICATIONS**

Hard floors often found in retail, health care, hospitality, airports, and schools.

## MODEL HIGHLIGHTS

- Delivering high performance, consistent results for virtually any hard surface condition while lowering cleaning costs.
- Offers multiple machine head types to fit your cleaning applications and optimize cleaning performance for specific areas - single disk, orbital, and dual disk.



CLEANING PATH: 17, 20, 24 in / 430, 500, 600 mm SOLUTION | RECOVERY TANK: 11 gal / 42 L | 14 gal / 53 L SOUND LEVEL: single disk - 64.9/67 dBA | dual disk 66.5/67.7 dBA | rbital - 66.4/67.5 dBA POWER SOURCE:



# T500/T500e

WALK-BEHIND SCRUBBER

## **APPLICATIONS**

Hard and decorative floors often found in retail, health care, hospitality, airports, schools, and light industrial facilities.

## MODEL HIGHLIGHTS

- Exclusive Smart-Fill<sup>™</sup> automatic battery watering technology makes battery maintenance safe by removing the task of checking, opening, and filling flooded batteries.
- Deliver predictable results, extend machine life, and reduce cost of ownership with an innovative suite of technologies.



CLEANING PATH: disk - 26, 28, 32 in / 650, 700, 800 mm orbital/cylindrical - 28 in / 700 mm SOLUTION | RECOVERY TANK: 22.5 gal / 85 L | 27 gal / 102 L SOUND LEVEL: disk - 66.5/67.4 dBA | orbital - 67.0/ 68.3 dBA | cylindrical - 66.4/66.9 dBA POWER SOURCE:





ec-H2O and FaST<sup>°</sup> technologies are NFSI (National Floor Safety Institute) Certified

ec-H2O and FaST technologies are registered by NSF International



ec-H2O and FaST technologies may contribute to LEED or LEED-EBOM

# T600/T600e

WALK-BEHIND SCRUBBER

# **APPLICATIONS**

Hard and decorative floors often found in retail, healthcare, education, hospitality, offices, logistics and manufacturing.

## MODEL HIGHLIGHTS

- Scrub longer between empty and fill cycles with large-capacity solution and recovery tanks.
- Clean a variety of surfaces with a wide range of cleaning head options.
- Smart-Fill<sup>™</sup>automatic battery watering system offers virtually worry-free battery maintenance.



CLEANING PATH: 28, 32 or 36 in / 700, 800 or 900 mm SOLUTION | RECOVERY TANK: 32 gal / 121 L | 37 gal / 140 L SOUND LEVEL: dual disk - 62.2/69.5 dBA | cylindrical - 62.2/69.2 dBA | orbital - 62.3/69.5 dBA POWER SOURCE:





# **SCRUBBERS** DEPENDABLE, LONG-LASTING SOLUTIONS FOR ALL YOUR FLOOR CARE NEEDS



# T350 STAND-ON SCRUBBER

## APPLICATIONS

Hard floors often found in retail, health care, and schools.

## MODEL HIGHLIGHTS

- Best-in-class productivity rates deliver cost savings without sacrificing performance.
- Highly maneuverable stand-on model features durable ergonomics designed for a standing operator along with easy-to-use controls.
- Ensure consistent results with programmable Zone Settings<sup>™</sup> that reduce dependence on operator setup for different surfaces and areas.



CLEANING PATH: 20 or 24 in / 500 or 600 mm SOLUTION | RECOVERY TANK: 14.1 gal / 53 L | 18.4 gal / 70 L SOUND LEVEL: single disk: 59.7 to 63.7 dBA dual disk: 61.3 to 64.5 dBA POWER SOURCE:



# T380 AMR RIDER SCRUBBER

### APPLICATIONS

Hard Floors found in Retail, Education, Healthcare & Public Settings.

### MODEL HIGHLIGHTS

- Specifically designed for robotics, this AMR product provides maximum productivity with 20" deck size and 20 gallon solution tanks.
- Highly maneuverable robotic scrubber for areas that require tighter turns.
- Delivers best-in-class cleaning performance with up to 90 lbs of down pressure and excellent water recovery with squeegee located directly behind scrub deck.

CLEANING PATH: Disk: 20 in / 500 mm COVERAGE RATE: Manual: 33,440 ft2 / 3,106 m2 SOLUTION | RECOVERY TANK: 20 gal / 75 L POWER SOURCE:



# INNOVATION | Touch-N-Go<sup>™</sup> Control Module with 1-Step<sup>™</sup> Button

Enhance safety with intuitive controls, available on the T16 Scrubber, located right in front of the operator, eliminating the need to remove hands from the steering wheel to change scrub settings.

# T12 COMPACT RIDER SCRUBBER

# APPLICATIONS

Hard and decorative floors often found in retail, health care, hospitality, airports, schools, and industrial facilities.

## MODEL HIGHLIGHTS

- Highly maneuverable T12 can reach tight spaces with its smaller, compact footprint and tight turning radius
- The battery powered rider scrubber combines innovative features and substantial power to help reduce time spent cleaning and provide heavy-duty compact performance



CLEANING PATH: 32 in / 810 mm SOLUTION | RECOVERY TANK: 35 gal / 132 L | 44 gal / 166 L SOUND LEVEL: disk: mode #2\* – 62 dBA / Kpa 3 dBA cylindrical: mode #2\* – 63 dBA / Kpa 3 dBA (Sound pressure level tested per IEC 60335-272) \*Vacuum On, Squeegee Down, Brushes On, Brushes Up POWER SOURCE:





# T16 RIDER SCRUBBER

## APPLICATIONS

Dried liquid, grease and grime often found in distribution and storage facilities, food & beverage plants, and malls

### MODEL HIGHLIGHTS

- Achieve a lower cost of ownership with Tennant's quality construction and innovative technologies
- Clean anytime, anywhere with sound levels at 68 dBA
- Enhance productivity and safety with an user-friendly design and Touch-n-Go<sup>°</sup> controls from the steering wheel



CLEANING PATH: 36 in / 910 mm 45 in / 1,145 mm with side brush SOLUTION | RECOVERY TANK: 50 gal / 190 L | 60 gal / 225 L SOUND LEVEL: 68 dBA POWER SOURCE:







# T290 WALK-BEHIND SCRUBBER

## APPLICATIONS

Ideal for cleaning small, congested areas with hard floors found in retail stores and schools.

## MODEL HIGHLIGHTS

- Robust construction in a compact scrubber with easy-to-use pad assist or self-propel configuration.
- Avoid kneeling to put the brush on, with hands-free brush replacement with spin-on, spin-off feature.
- Yellow touch points help reduce breakdowns by simplifying preventative maintenance.

CLEANING PATH: 20 in / 500 mm SOLUTION | RECOVERY TANK: 10.5 gal / 40 L | 13 gal / 50 L SOUND LEVEL: 74 dBA POWER SOURCE:

# T390 WALK-BEHIND SCRUBBER

# APPLICATIONS

Ideal for medium sized spaces with hard floors found in schools, hospitals and retail stores.

## MODEL HIGHLIGHTS

- Scrub deck made out of tough steel material, with roller guide wheels to protect the facility.
- Increase productivity with the dual disk cleaning path while still having the maneuverability of a mid-size scrubber.
- Yellow touch points help reduce breakdowns by simplifying preventative maintenance.

CLEANING PATH: 28 in / 710 mm SOLUTION | RECOVERY TANK: 18.5 gal / 70 L | 20 gal / 75 L SOUND LEVEL: 73 dBA POWER SOURCE:

# T581 MICRO-RIDER SCRUBBER

# APPLICATIONS

Cleaning large spaces with hard floors in areas such as retail stores, hospitals and schools.

# MODEL HIGHLIGHTS

- Compact design easily fits into most congested spaces, and can quickly reach many areas of a facility to get more cleaning done.
- Ease of start-up and quick training with one-button cleaning operation that lowers the scrub head and squeegee at the same time.
- Increase run-times by nearly 20% with ECO mode that decreases battery consumption during operation.

CLEANING PATH: 20 in / 510 mm SOLUTION | RECOVERY TANK: 20 gal / 78.5 L | 21 gal / 80 L SOUND LEVEL: 65 dBA POWER SOURCE:







# **SWEEPERS** PROS DEPEND ON QUALITY TENNANT SWEEPERS TO DELIVERY LONG-LASTING RESULTS

# **3640** SWEEPER

# APPLICATIONS

Preferred sweepers in light industrial facilities.

## MODEL HIGHLIGHTS

- Robust walk-behind picks up debris from sand to litter, indoors and out
- Available in battery power platform only with dust-controlling filter systems

CLEANING PATH: 32 in / 810 mm HOPPER CAPACITY: 3 ft<sup>3</sup> / 85 L SOUND LEVEL: 70 dBA POWER SOURCE:

# 6100 SUB-COMPACT SWEEPER

# APPLICATIONS

Light dirt and paper litter often found indoors, in malls, and on carpets.

## MODEL HIGHLIGHTS

- Compact design fits through most doors, onto elevators and in tight industrial environments
- Sweeps surfaces from smooth concrete to finished floors, even carpets
- Non-corrosive hopper with replaceable steel skidplate delivers outstanding durability
- Available with HEPA filtration and with onboard vacuum wand



CLEANING PATH: Single Side Brush: 30 in / 760 mm Dual Side Brush: 38 in / 970 mm HOPPER CAPACITY: 3 ft<sup>3</sup> / 85 L POWER SOURCE:



# INNOVATION | Ergonomic Designs

Maximize productive cleaning uptime while protecting operators from unnecessary fatigue and stress. Tennant machines are more comfortable to operate due to adjustable handle height and operator-friendly control grips that minimize hand movement during operation while still delivering outstanding cleaning results.

# **S6** BATTERY SWEEPER

## APPLICATIONS

Clean both hard floors and carpeted spaces with the versatile, quiet and efficient S6 walk-behind battery-operated sweeper.

## MODEL HIGHLIGHTS

- Automatically adjusting main brush allows ease of operation between hard or soft floor surfaces.
- Auto timed filter shake feature initiates every 3 minutes or can be engaged at any time from the console.
- Unit has two sweeping modes one for light debris collection and another for heavy debris selection.

CLEANING PATH: 25 IN / 635 MM HOPPER CAPACITY: 1.25 ft<sup>3</sup> / 35 L SOUND LEVEL: 61 dBA POWER SOURCE:

# **S7** BATTERY SWEEPER

## APPLICATIONS

Clean both hard floors and carpeted spaces with the versatile, quiet and efficient S7 walk-behind battery-operated sweeper.

## MODEL HIGHLIGHTS

- Transaxle drive unit promotes operator ease of use.
- Flap trap lever allows for pick up of bulkier items.
- Breathe easy as 99.5% filtration up to 5 microns.

CLEANING PATH: 28 IN / 700 MM HOPPER CAPACITY: 1.6 ft<sup>3</sup> / 45 L SOUND LEVEL: 70 dBA POWER SOURCE:

# S16 COMPACT BATTERY-POWERED RIDE-ON SWEEPER

# APPLICATIONS

Light dirt, sand and paper litter often found in light industrial facilities, warehouses, convention centers, and airports.

## MODEL HIGHLIGHTS

- Providing big productivity and versatility in a battery-powered compact ride-on sweeper, the S16 delivers exceptional sweeping performance across a variety of surfaces and debris types including hard and soft floors.
- Achieve impressive dust control with a multi-stage filtration system and maintain air quality with fume-free operation.

### CLEANING PATH:

Single brush: 46 in / 1,170 mm Dual side brush: 60 in / 1,520 mm HOPPER CAPACITY: 5.3 ft<sup>3</sup> / 150 L POWER SOURCE:







# FLOOR MACHINES / BURNISHERS GET EXCELLENT GLOSS PERFORMANCE WITH TENNANT'S HIGH-SPEED BURNISHERS

# **B5/B7** BURNISHERS

# APPLICATIONS

Burnishers to polish a wide range of hard floor types.

## MODEL HIGHLIGHTS

- High performance, propane-like gloss results without fumes and propane tank storage costs or concerns.
- Innovative 90 degree flip up head design enables a safe ergonomic position when changing pad
- Active filtration with HEPA standard maintains indoor air quality.

# **B10** BURNISHER

# APPLICATIONS

Burnishers to polish a wide range of hard floor types.

# MODEL HIGHLIGHTS

- Rider burnisher accommodates areas quickly and easily with 20% more horsepower than the leading competitor for bright, shiny floors.
- Active 4-stage HEPA filtration dust control system improves indoor environmental quality.

CLEANING PATH: 20 in / 510 mm (B5) | 24 in / 610 mm & 27 in / 690 mm (B7) PAD SPEED: 2,100 rpm (B5) | 1,875 rpm (B7) SOUND LEVEL: Active 63-64 dBA | Passive 65 dBA POWER SOURCE: CLEANING PATH: 24 IN / 610 MM 27 IN / 686 MM PAD SPEED: 1,500 – 1,600 RPM SOUND LEVEL: 69 dBA POWER SOURCE:





# INNOVATION | QA Controls<sup>™</sup> System

Lock-in consistent, repeatable cleaning results with exclusive QA Controls system available on the B10 Rider Burnisher. The "supervisor lock-out" simplifies operator experience and helps ensure a uniform speed and down pressure each time.

# BR-1600-NDC

### **APPLICATIONS**

# Burnishers to polish a wide range of hard floor types.

### MODEL HIGHLIGHTS

 Versatile, high-speed corded burnisher delivers excellent gloss performance on a variety of finished floors.

# BR-2000-DC

### APPLICATIONS

Burnishers to polish a wide range of hard floor types.

### MODEL HIGHLIGHTS

- Ultra high-speed burnishing delivers an outstanding shine while controlling dust.
- Extremely smooth and quiet operation in a durable model that withstands years of use.
- Standard passive dust control helps reduce the need to dustmop afterward.

# FM-20-SS / 20-DS FLOOR MACHINES

## APPLICATIONS

Floor machines to scrub and buff a variety of floor types.

### MODEL HIGHLIGHTS

 Powerful polishing, scrubbing, and stripping from hard-working floor machines quiet enough for use in schools, offices and hospitals.

CLEANING PATH: 20 in / 510 mm PAD SPEED: 1,600 rpm SOUND LEVEL: 70 dBA POWER SOURCE: 🖞 CLEANING PATH: 20 in / 510 mm PAD SPEED: 2,000 rpm SOUND LEVEL: 66 dBA POWER SOURCE: # CLEANING PATH: 17, 20 in / 430, 510 mm PAD SPEED: 175, 185/330 rpm SOUND LEVEL: 60-70 dBA POWER SOURCE:



# **CARPET EXTRACTORS** OUTSTANDING CARPET CLEANING RESULTS FROM RELIABLE MACHINES

# 1510/1530

DEEP CLEANING EXTRACTORS

# APPLICATIONS

Extraction in medium to large lobbies, hallways and meeting rooms.

# MODEL HIGHLIGHTS

- Large solution tanks and worry-free one-button operation.
- One machine gives both interim surface cleaning and deep cleaning modes.
- Available in battery or cord electric.

CLEANING PATH: 22 in / 560 mm SOLUTION | RECOVERY TANK: 1510 - 21 gal / 79 L | 21 gal / 79 L, 1530 - 30 gal / 114 L | 21 gal / 79 L WATER LIFT: 1510 (2) - 68 in / 1,730 mm vac motors, 1530 - 117 in / 2970 mm SOUND LEVEL: 72 dBA POWER SOURCE: 1510 -

# **1610** DUAL TECHNOLOGY EXTRACTOR

# APPLICATIONS

Clean in time sensitive applications with ReadySpace, or achieve maximum soil removal with periodic deep extraction.

## MODEL HIGHLIGHTS

- Dual technologies provide maximum power and flexibility to tackle the challenges of ongoing carpet maintenance.
- Create beautiful carpets in minutes with ReadySpace technology, or remove deeply-embedded dirt with deep extraction.



CLEANING PATH: 22 in / 560 mm SOLUTION | RECOVERY TANK: 21 gal / 79 L | 21 gal / 79 L WATER LIFT: 120 in / 3,050 mm SOUND LEVEL: 72 dBA POWER SOURCE:









# E5 DEEP CLEANING EXTRACTOR

## **APPLICATIONS**

Compact, low-profile carpet cleaners.

## MODEL HIGHLIGHTS

- Clean small, tight, hard-to-reach spaces with compact, maneuverable design.
- Fill and empty tanks almost anywhere with ergonomic lift off design.
- Free floating brush automatically adjusts to different carpet pile heights.

# EC2 CLEANING EXTRACTOR

## APPLICATIONS

Carpet extraction high-traffic areas.

## MODEL HIGHLIGHTS

- Durable rotomolded design and warranty hold up to the toughest operators and environments.
- Save time and money by maximizing cleaning productivity utilizing
  E-series innovative onboard cord, wand, hose, and bottle management system.



CLEANING PATH: 15 in / 380 mm SOLUTION | RECOVERY TANK: 5 gal / 19 L WATER LIFT: 86 in / 2,180 mm SOUND LEVEL: 69 dBA POWER SOURCE:



With optional Titanium Wand

SOLUTION | RECOVERY TANK: 15 gal / 57 L | 13.5 gal / 51 L WATER LIFT: 137 in / 3,480 mm SOUND LEVEL: >70 dBA | 75 dBA POWER SOURCE:





# INNOVATION READY SPACE



Carpets cleaned with ReadySpace<sup>®</sup> are dry and ready for foot traffic in under 30 minutes. Turn your just-cleaned carpet spaces around quicker, keep rooms open for traffic longer, and clean high-traffic areas more often with ReadySpace technology.

# EH5 CLEANING EXTRACTOR

# **APPLICATIONS**

Carpet extraction high-traffic areas. MODEL HIGHLIGHTS

- Maximize cleaning performance and water recovery with the Exodus cleaning wand (without the standard on EH5).
- Adjustable heat and pressure levels allows you to customize your cleaning operation based on soil and carpet type allowing for a wider range of cleaning possibilities.

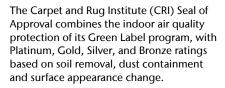
# **EX-SC-1020** EXTRACTOR

# **APPLICATIONS**

Compact, low-profile carpet cleaners.

# MODEL HIGHLIGHTS

Get beautifully clean carpets with a walk-behind extractor to meet any carpet-cleaning need.









SOLUTION | RECOVERY TANK: 15 gal / 57 L | 13.5 gal / 51 L WATER LIFT: 155 in / 3937 mm SOUND LEVEL: >68 dBA POWER SOURCE: 样



CLEANING PATH: 12 in / 305 mm to 20 in / 508 mm SOLUTION | RECOVERY TANK: 4-10 gal / 15-38 L | 4-14.5 gal / 15-55 L WATER LIFT: 92 in / 2,340 mm to 136 in / 3,450 POWER SOURCE: 愺



# **CARPET EXTRACTORS** CLEAN SPACES FOR ANYTIME OPTIMUM PRODUCTIVITY AND MAXIMUM ROI



# R3 CARPET CLEANER

# APPLICATIONS

Compact, low-profile carpet cleaners.

# MODEL HIGHLIGHTS

- Turn congested areas quickly with ReadySpace<sup>®</sup> technology.
- The ability to frequently clean keeps high traffic areas clean and c an help delay deep extraction.
- Ergonomic features and easy to use controls make the unit ideal for operators.



CLEANING PATH: 15 in / 380 mm SOLUTION | RECOVERY TANK: 5 gal / 19 L WATER LIFT: 86 in / 2,180 mm SOUND LEVEL: 69 dBA POWER SOURCE:

# R14 DUAL TECHNOLOGY EXTRACTOR

# APPLICATIONS

Clean in time sensitive applications with ReadySpace, or achieve maximum soil removal with periodic deep extraction.

### MODEL HIGHLIGHTS

- Versitile dual-technology carpet cleaning from a single rider machine.
- Create beautiful carpets in minutes with ReadySpace technology, or remove deeply-embedded dirt with deep extraction.



CLEANING PATH: 28 in / 710 mm SOLUTION | RECOVERY TANK: 32 gal / 121 L | 28 gal / 106 L WATER LIFT: 70.5 in / 1,790 mm SOUND LEVEL: 73 dBA POWER SOURCE:





# VACUUMS VERSATILE HEAVY-DUTY UPRIGHT VACUUMS FOR EVERYDAY USE

# V-LWU-13B BATTERY LIGHT-WEIGHT

UPRIGHT VACUUM

# APPLICATIONS

Cleans in tight areas as well as in hallways, hotel meeting rooms, and lobbies.

## MODEL HIGHLIGHTS

- Automatic pile height adjustment adapts to a variety of floor surfaces.
- Clean without disruption in noisesensitive environments.
- LEED qualifying with Certified CRI Bronze rating.



CLEANING PATH: 13 in / 330 mm VACUUM BAG: 7.6 qt / 7.25 L MOTOR: 2 hp / .15 kW SOUND LEVEL: <70 dBA POWER SOURCE:

# V-DMU-14/ V-SMU-14

DUAL & SINGLE MOTOR UPRIGHT VACUUMS

# APPLICATIONS

Cleans in tight areas as well as in hallways, hotel meeting rooms and lobbies.

## MODEL HIGHLIGHTS

- Maintain air quality with standard HEPA 3-stage filtration and clean noisesensitive areas with low 70 dBA sound level.
- Increase productivity and cleaning coverage with onboard crevice and upholstery tools.
- LEED qualifying with Certified CRI Silver rating.



CLEANING PATH: 14.75 in / 370 mm VACUUM BAG: 3.8 qt / 3.6 L MOTOR: 1.6 hp / 1.19 kW SOUND LEVEL: <70 dBA POWER SOURCE:







# V-WA-30

WIDE AREA VACUUM

# APPLICATIONS

Vacuuming in large carpeted areas found in hospitality, healthcare, schools, military installations, and prisons.

## MODEL HIGHLIGHTS

- Save time and tackle large spaces with wide-area models that get the job done faster.
- Rugged, long lasting design includes heavy-duty rotomold construction for long-lasting performance.
- LEED qualifying with Certified CRI Bronze rating.



CLEANING PATH: 30 in / 760 mm VACUUM BAG: 37 qt / 35.2 L SPEED: 1,200 rpm SOUND LEVEL: <70 dBA POWER SOURCE:

# V-BP-6/V-BP-6B CORDED AND BATTERY BACKPACK VACUUMS

## APPLICATIONS

Cleans in small to large areas such as spaces found in offices, healthcare, schools, military installations, and prisons.

## MODEL HIGHLIGHTS

- Improve productivity, efficiency, and comfort with ergonomic Deuter<sup>®</sup> hiking harness and new tool options.
- Three new tool kit options, including the premium Sidewinder<sup>®</sup> tool kit, suit a variety of cleaning needs.
- LEED qualifying with Certified CRI Gold rating (corded) and CRI Silver rating (battery).



Deuter<sup>®</sup> is a registered trademark of Deuter Sport GMBH. Sidewinder<sup>®</sup> is a registered trademark of JanPro Products.

CLEANING PATH: 9.5 in / 240 mm | 14 in / 356 mm VACUUM BAG: corded: 5.2 qt / 4.9 L | 9.2 qt / 8.7 L battery: 6 qt / 5.7 L MOTOR: corded: 1.6 hp/1.2 kW each battery: .6 hp/.41 kW SOUND LEVEL: corded: 67 dBA battery: 63 dBA POWER SOURCE:



# V-WD-9 WET-DRY VACUUM

# APPLICATIONS

Designed for cleaning specialists, such as contract cleaners, cleaning companies and schools.

### MODEL HIGHLIGHTS

- Vacuum oily or chemical residues effectively with an innovative head gasket that provides a strong seal.
- Use with confidence even in challenging conditions with the shock-proof tank and flexible hooks.
- Help users work without undue strain with ergonomic features, including carrying handle and swivel wheels.

CLEANING PATH: 16 in / 405 mm TANK CAPACITY: Gross volume: 9 gal / 35 L Water volume: 6.6 gal / 25 L SOUND LEVEL: 72 dBA POWER SOURCE:



WET-DRY VACUUM

## **APPLICATIONS**

Designed for cleaning specialists, such as contract cleaners, cleaning companies and schools. Works well for floor stripping cleanup or flooded conditions.

## MODEL HIGHLIGHTS

- Vacuum oily or chemical residues effectively with an innovative head gasket that provides a strong seal.
- Use with confidence even in challenging conditions with the shock-proof tank and flexible hooks.
- Multiple configurations to suit cleaning needs - standard or flood pump models with optional front mount squeegee and accessories.

CLEANING PATH: 18 in / 460 mm TANK CAPACITY: Gross volume: 24 gal / 90 L | 22.7 gal / 86 L Water volume: 15.59 gal / 59 L | 14.5 gal / 55 L SOUND LEVEL: 70 dBA POWER SOURCE:







# VACUUMS DESIGNED TO HELP MAKE CLEAN UP EASY.

# V-CAN-10 DRY CANISTER VACUUM

### **APPLICATIONS**

Cleans a wide range of environments on carpets and hard floors. Designed for offices, stores, hotels, restaurants and other similar environments.

## MODEL HIGHLIGHTS

- Standard 3-stage filtration provided to clean floors while maintaining good air quality.
- Quiet performance, engineered so that floors can be cleaned without disrupting work nearby.
- Construction with up to 55% recycled plastic.

**BRONZE** \*Bronze with high performance tool

CLEANING PATH: 13 in / 330 mm TANK CAPACITY: 2.6 gal / 10 L POWER: 700 watts POWER SOURCE:

# **V-CAN-12**

DRY CANISTER VACUUM

## APPLICATIONS

Cleans a wide range of environments on carpets and hard floors. Designed for offices, stores, hotels, restaurants and other similar environments.

## MODEL HIGHLIGHTS

- Standard 3-stage filtration provided to clean floors while maintaining good air quality.
- Quiet performance, engineered so that floors can be cleaned without disrupting work nearby.
- Construction with up to 55% recycled plastic.





CLEANING PATH: 13 in / 330 mm TANK CAPACITY: 3.2 gal / 12 L POWER: 840-900 watts POWER SOURCE: 🙀

# V-CAN-16 DRY CANISTER VACUUM

# APPLICATIONS

Cleans a wide range of environments on carpets and hard floors. Designed for offices, stores, hotels, restaurants and other similar environments.

## MODEL HIGHLIGHTS

- Standard 3-stage filtration provided to clean floors while maintaining good air quality.
- Quiet performance, engineered so that floors can be cleaned without disrupting work nearby.
- Construction with up to 55% recycled plastic.



\*Bronze with high performance tool

CLEANING PATH: 13 in / 330 mm TANK CAPACITY: 4.2 gal / 16L POWER: 840-900 watts POWER SOURCE: 🔱







# **SPECIALTY MACHINES** RELY ON THE EXTENSIVE TENNANT PRODUCT LINE FOR EVERYTHING YOU NEED TO MAINTAIN A FIRST-RATE FACILITY

# DRYER/AIR MOVER COMMERCIAL FAN

## APPLICATIONS

Rugged and powerful unit can be placed in three positions to precisely direct air where it's needed.

### MODEL HIGHLIGHTS

- Reduce drying time dramatically with this powerful three-speed air mover.
- Convenient, stackable units free up valuable space in closets, storage areas and transport vehicles.
- Optional wheeled hand cart for easy transportation and handling.

CFM: 1350 (710 rpm / 1105 rpm / 1550 rpm) HORSEPOWER: 0.6 HP / 522 Watt POWER SOURCE:

# **Q12** MULTI-SURFACE CLEANER

### **APPLICATIONS**

Restorative cleaning performance in an easy to use Multi-Surface Cleaner.

### MODEL HIGHLIGHTS

- Maximizes hard surface cleaning performance by delivering 2.2 gpm (83 L/min) of solution at 1200 psi (83 bar) with 1400 rpm to eliminate streaking.
- Powerful dual rotating jets deliver an exceptional level of cleaning results.
- Offers reliable CRI silver cleaning performance on soft surfaces in an easy to use, versatile design.



# With optional Titanium Wand

SOLUTION | RECOVERY TANK: 15 gal / 57 L | 13.5 gal / 51 L WATER LIFT: 137 in / 3,480 mm SOUND LEVEL: >75 dBA POWER SOURCE: ASC-15 ALL-SURFACE CLEANER

## APPLICATIONS

Multi functional cleaner cleans and rinses restrooms and other hard surfaces, blows dry the rinsed surfaces and recovers the dirty water.

### MODEL HIGHLIGHTS

- Portable, lightweight canister extractors deliver outstanding cleaning results.
- Go-anywhere, robust design for maximum cleaning uptime and years of reliable use.

SOLUTION | RECOVERY TANK: 15 gal / 57 L | 19 gal / 72 L WATER LIFT: 117 in / 2982 mm SOUND LEVEL: 82 dBA POWER SOURCE:





# **TENNANT***TRUE*<sup>®</sup> **OPTIMIZING EQUIPMENT CLEANING PERFORMANCE** AND PROVIDING THE HIGHEST-QUALITY PARTS, SERVICE, AND SUPPORT

# Service and **Maintenance**

Ensure optimal cleaning performance by selecting a TennantTrue® Service program provided by a network of factory-trained Tennant Service Representatives.

- Network of nearly 500 factory-direct technicians and 80 authorized dealers provide consistent service across the U.S. and Canada.
- TennantTrue Service responds to most service requests within 24-48 hours, depending on your service plan.

# Detergents and Cleaning **Solutions**

TennantTrue detergents offer environmentally safe packaging and features to support your green cleaning initiatives.

- Packaging is color coded for easy identification, training, and safety
- Formulated for your Tennant and Nobles machines to eliminate harm to gaskets, seals, vacuum fans, or other critical components
- All products use biodegradable surfactants and recyclable packaging
- Tennant low-foam detergents deliver high-performance results

# **Technical** Support

One call, complete support.

- Knowledgeable representatives available to address any floor-care need or product question
- Expert recommendations from the professionals
- Immediate access to your machine's service history performed by a Tennant Service representative through Tennant's ServiceLINK<sup>®</sup>







# **Parts**

Only genuine Tennant*True*<sup>\*</sup> parts are designed specifically to fit with Tennant machines, delivering exceptional cleaning performance.

Every 30 minutes of extra cleaning = \$198 extra labor costs per month, or \$2,370 annually.\*

Reduce rework and extra labor costs by using only Tennant*True* parts on your Tennant cleaning equipment.

- Reduce maintenance costs and machine wear
- Minimize slip, trip, and fall accidents caused by oily or slippery floors and debris
- Eliminate rework by picking up water and debris on the first pass

\*Based on a 7-day cleaning cycle with labor costs at \$13 per hour

# Financing, Pre-Owned, and Rental

**LEASE:** Make budgeting easier by utilizing our financial partners to lease your Tennant equipment.

**PRE-OWNED**: Get quality machines at a budget-friendly price. All Tennant pre-owned machines are refurbished and equipped with genuine Tennant*True* parts, so you can ensure you're getting top value for your investment.

**RENTAL:** Get the job completed on-time and within budget by renting Tennant equipment.

# *Flex*Clean<sup>®</sup>

Sign up for our Tennant*True Flex*Clean program and free yourself from the hassles of equipment ownership. We provide equipment, parts, service and support – for one predictable monthly payment.

- Excellent cleaning results without the hassle of owning equipment
- One fixed monthly bill includes maintenance, parts, and service
- Flexible plans that easily adjust to meet your needs





# **RELY ON THE TENNANT** LINE OF FLOOR-CARE SOLUTIONS FOR:

- Increased productivity thanks to ergonomically designed machines and operatortraining programs
- Maximum machine uptime from innovative engineering and groundbreaking technologies
- Continuous support from a responsive, nationwide network of nearly 500 factory-trained technicians and dedicated customer service representatives
- Peace of mind that comes from knowing your investment is protected by one of the industry's most comprehensive warranties

Lease. Pre-Owned. Rent. Tennant has flexible options that get you the machines you need, however you need them.

# SEEING IS BELIEVING

Tennant Company helps you succeed with outstanding cleaning performance and the highest-quality products, service and support.

# TURNING INSIGHTS INTO INNOVATION FOR OVER 130 YEARS

Tennant Company's commitment to understanding the floor-care needs of our customers has led to dozens of notable awards and honors, including:

- 2018 IDEA Award T600 Floor Scrubber, International Design Excellence Awards
- 2014 IDEA Award B5 Battery Burnisher, International Design Excellence Awards
- 2013 GOOD DESIGN Award T12 Rider Scrubber, Industrial Design Excellence
- 2012 Australian Business Awards Orbio 5000-Sc, Top Honours
- 2011 R&D 100 Award Winner 500ze, R&D Magazine
- 2011 Manufacturer of the Year Award Manufacturers Alliance
- 2010 Clean Tech Tekne Award Winner 500ze MN High Tech Association
- 2010 Innovation Award 500ze- Ruban d'Honneur Winner
- 2009 Manufacturer of the Year Award, ABM Industries, Inc.
- 2009 Business Innovation of the Year ec-H2O, European Business Awards
- 2009 Manufacturer of the Year Award ec-H2O Technology CleanNZ Trade Show, New Zealand
- 2008 Clean Tech Tekne Award Winner ec-H2O Mn High Tech Association
- 2008 R&D 100 Award Winner ec-H2O, R&D Magazine
- 2007, 2008 & 2014 Best Small Companies, Forbes
- 2007 & 2014 America's Most Trustworthy Companies, Forbes

Headquartered in Minnesota, Tennant Company has the most extensive global field service network in the industry with manufacturing operations in Minneapolis, Minn.; Holland, Mich.; Louisville, Ky.; Uden, The Netherlands; the United Kingdom; São Paulo, Brazil; and Hefei, China. Tennant products are available in more than 80 countries.

# SEEING IS BELIEVING

For a demonstration or additional information. call +1.800.553.8033 or email info@tennantco.com

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