



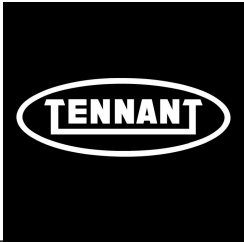
Model 1610 with ReadySpace™

Dual Technology Carpet Cleaner



FEATURES, ADVANTAGES, AND BENEFITS

FEATURES, ADVANTAGES, AND BENEFITS



Model 1610 with ReadySpace

Dual Technology Carpet Cleaner

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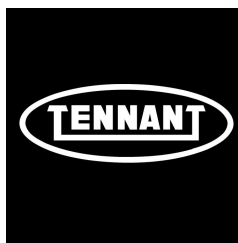
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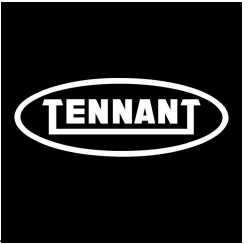


Model 1610 with ReadySpace

Dual Technology Carpet Cleaner

Feature	Advantage	Benefit
SOLUTION SYSTEM		
• 21 Gallon (79 Liter) Solution Tank 	Large solution capacity means more time between empty/fill cycles.	Increases the productivity of the worker as it decreases the number of times to empty and refill.
• Easy Fill Feature – Machine equipped with both front and rear fill points 	With ReadySpace, this equates to almost an hour of cleaning time between empty/fill cycles.	
	Easy to fill from either the back or the front of the machine.	Easily accessible fill ports, which decreases the amount of time required by the operator to locate, reposition and fill the machine.
	Front Fill Port	Additional convenience based on the amount of space around the empty/fill location.

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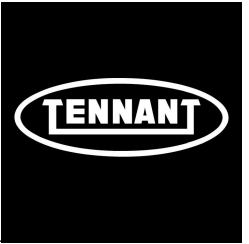


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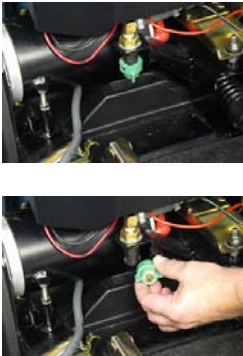
Feature	Advantage	Benefit
• Solution Sight Gauge 	Easy to see gauge, which shows the amount of solution in the tank.	Makes a machine that is easy to use and easy to recognize when refills are necessary, without having to open the solution tank. Improving your productivity and easing maintenance.
• Modern Styling • Rotationally-molded Polyethylene Construction • 10 Year Warranty on all Rotationally-molded Polyethylene Components 	Incorporates the Tennant “wave” look that is modern and stylish. Durable, poly tanks that won’t dent, rust or peel and looks great for years to come. Great warranty, ensuring a reliable machine.	Improves the image of your facility and the morale of the workers using the equipment. Improves your return on your investment, as you will not need to replace the machine as quickly as others. Ensures your investment for a long time, improving the R.O.I.
Solution Flow Rate and Pressure • ReadySpace - .33 gallons (1.3L) per minute at 25-psi (1.7 bar) spray pressure.	Minimal volume of solution is distributed, to allow for proper wetting of the rollers to ensure effective cleaning.	Increases your productivity, as only enough water is sprayed on the rollers to ensure effective cleaning, therefore, there is less wetness being applied to the floor and it dries in less than 30 minutes.

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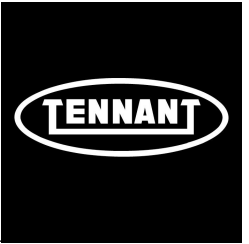


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Feature	Advantage	Benefit
Extraction – 1 gallon (3.8L) per minute at 100-psi (6.9) spray pressure.	High volume/pressure for better saturation and agitation of the carpet fibers resulting in better cleaning results in extraction.	Restores carpets through thorough cleaning to the base of the carpet and drastically improves cleanliness and appearance.
Solution Filter 	Filters debris out of the solution before it goes to the pump and spray nozzles.	Improves operator efficiency and ensures a consistent level of clean. Easy maintenance that extends pump life.
ReadySpace Two Spray Jets 	The two spray jets spray solution directly on the rollers, and not to the floor, to provide a damp surface for cleaning and not getting overly wet carpets. Spray jets are quick-connect for easy maintenance and cleaning.	This improves the efficiency of the ReadySpace system to improve operator productivity and to have cleaner spaces ready for use very quickly. Consistent spray patterns – improving cleaning results.

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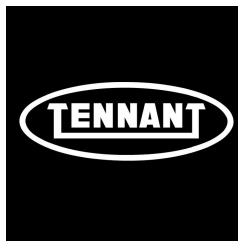


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Feature	Advantage	Benefit
ReadySpace • Four Flushing Jets. Two on each trough (one on each side). There is one trough, per ReadySpace roller.  	The flushing jets wash debris from the ends of each of the ReadySpace troughs towards the middle, so that the vacuum hose can recover water and debris. The flushing jets turn on every 2.5 minutes and stay on for 3 seconds	This process greatly reduces the maintenance and nuisance issue that occurs when picking up large amounts of debris.
Extraction • Two Extraction Spray Jets 	The two extraction spray jets, spray solution directly onto the surface to be cleaned, in an overlap pattern to ensure even wetness across the cleaning path of the machine.	This provides for even application of solution, even cleaning and improved productivity of the worker so that dual passes will not be necessary.
Solution Tank Drain Hose 	Easily accessible solution tank drain hose to provide for easy draining. Note: Some competitive machines, like the <u>Advance AquaRide</u>, do not have this feature! This makes it very difficult to empty the solution tank, as they need to vacuum it into the recovery tank and dump it from there!!	This increases your operator's productivity to move on to other tasks.

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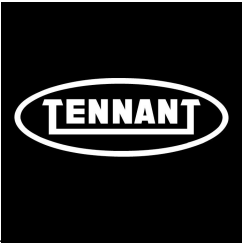


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Feature	Advantage	Benefit
RECOVERY SYSTEM		
Heavy Duty Vacuum Motor • 2.64 Horsepower (.48 KW) Vacuum Motors • Three Stage • 120-inches (3050 mm) Waterlift • 65 Cubic Feet per Minute (1.84 Cubic Meters/Minute) of Airflow • Clam Shell Tank Design for Easy Vacuum Motor Access	Superior vacuum lift and extraction capability – recovery rates are close to 70% with ReadySpace!!	Removes more soil for high performance cleaning – leaving carpets cleaner and dryer.
 	The vacuum motor is located in the recovery tank cover for easy access.	This makes maintenance and troubleshooting simple, easy and efficient.

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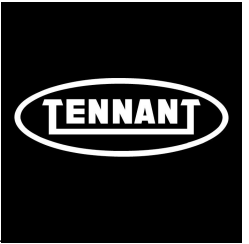


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Feature	Advantage	Benefit
High Performance Vacuum Shoe • Two ReadySpace Vacuum Shoes  	A vacuum shoe is located on each ReadySpace roller to evenly clean each roller by removing water and debris.	This increases water and debris removal for maximum cleanliness and performance – also delivering the virtually negligible dry times.
• Extractor Vacuum Shoe 	Excellent airflow design combined with even pressure across the cleaning path. Vacuum shoe will automatically rise when machine is put into reverse, allowing machine to propel in reverse without damage to the shoe or carpet. This eliminates chatter and ensures a seal to carpet for increased recovery. Very easy to use for any operator.	Increased soil and water recovery for <u>unsurpassed extraction performance</u>. All of these advantages provide for an, easy, effective cleaning machine that enables an operator to clean efficiently and effectively.

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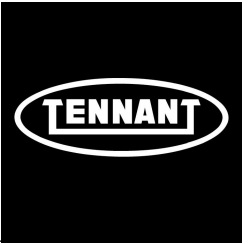


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Feature	Advantage	Benefit
Recovery Tank • 21 Gallon (79 Liter) Solution Recovery Tank • Rotationally-Molded Polyethylene Construction  • Easy-to-clean Tank Design 	Larger recoverable capacity for greater cleaning productivity, meaning less time between dump/fill cycles. Modern styling and polyethylene construction for long tank life, dependability, and extended warranty. Easy recovery tank access for daily emptying and cleaning.	Increases productivity as it decreases the number of times needed to dump and refill. Improves the image of your facility and the morale of the workers using the equipment. Additionally, it improves the return on your investment. Improves your operator's productivity and efficiency in cleaning the easy to access recovery tank. Keeps the machine sanitary and odor free.
Recovery Tank • Built-in Float Shut-off Assembly  	Built-in float shut-off to protect vacuum motor from ingesting debris and moisture. Easy on/off for cleaning.	This decreases the cost to maintain the system by protecting it from damage. Keeps float valve free from debris and working properly.

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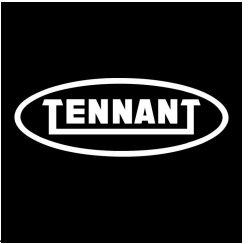


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Feature	Advantage	Benefit
• Easy-to-use Drain Hoses  	Drop down drain hose for quick evacuation of recovery tank and solution tank. Allows operator to both empty and fill machine at the same time (rear-mounted hose fill port and drain hoses).	Provides for improved operator productivity and ease of use.
CLEANING (HEAD) SYSTEM		
Cleaning Path • 22-inch (559 mm) Cleaning Path 	Wide cleaning path for greater cleaning productivity. Up to 13,000 square feet per hour (1200 square meters per hour) coverage rate in ReadySpace. Up to 5,500 square feet per hour (510 square meters per hour) coverage rate in extraction.	The optimal cleaning path and cleaning speed provides for increased operator productivity.
Cleaning Deck • Two Positions – Transport & Cleaning 	When transporting machine, cleaning deck is in “up” position (see above) to protect the mechanism. The head is lowered, when in a cleaning position (see photo on left).	Operators can safely transport the machine to other areas, as well as allow easy transition over thresholds and onto ramps.

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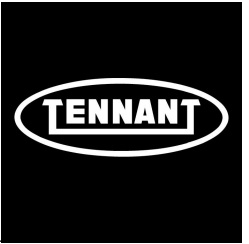


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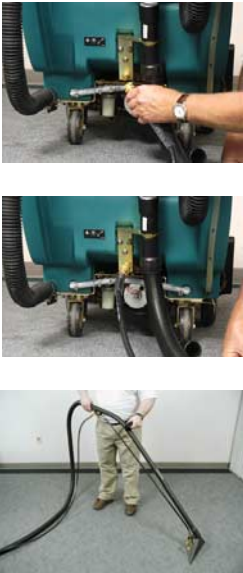
Feature	Advantage	Benefit
• Bumper Swing Out 	Provides for easy access to the front vacuum shoe.	Increases operator productivity when front vacuum shoe needs to be accessed and/or cleaned.
Dual Technology Cleaning System • Change between ReadySpace and restorative extraction in less than ten minutes. • ReadySpace rollers and extractor brushes are interchangeable.   • Extractor vacuum shoe replaces rear ReadySpace shoe 	Complementary cleaning technologies that can handle most of your cleaning needs beyond vacuuming. Switching between technologies is easy and efficient.	Enables cleaning professionals to take a system approach to their carpet cleaning needs with a single machine. - Frequently & productively clean with ReadySpace in time sensitive situations. - Perform periodic restorative extraction. This easy access increases operator productivity in changing the cleaning head system from ReadySpace to extraction.

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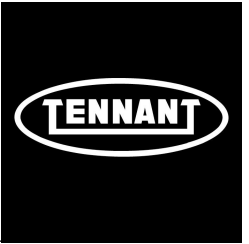


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Feature	Advantage	Benefit
Dual Counter-Rotating Brushes/Rollers • Cylindrical roller/brush motors • 24V, 315W, 5/8HP, 700 RPM 	Double the agitation than most extractors available on the market today. Two motors provide for efficient rollers and/or brushes. (One of two is pictured)	Increases the agitation of the carpet fibers to help “break loose” the embedded soils for unsurpassed cleaning performance. The fast RPM's ensures an increase in cleanliness.
Off Aisle Wand • Note: Off aisle wand can only be used when the machine is set up to extract. 	Provides for hard to reach/off aisle and spot cleaning. Attaches directly to the 1610, to minimize the need for separate equipment.	Increases operator productivity in cleaning hard to reach spaces and increases cleanliness.

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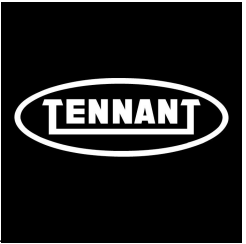


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Feature	Advantage	Benefit
PROPULSION SYSTEM		
Battery Powered • 4 ea., 6-volt, 235 Amp Hour Batteries • 24-volt System • Automatic Battery Charger • 72db(A) rating at operator's ear  	Up to 2.5 hours of continuous cleaning run time per battery charge. Easy to access, easy to maintain. Automatic battery charger for easy, safe charging of batteries. Quiet running cleaning machine.	Increases operator productivity to run for longer durations between recharging. Increases operator safety through an easy, effective battery charger. Increases operator, coworker and visitor comfort with a quiet running machine.
Powerful, Durable Transaxle Transport Drive System • .2 HP (.104 KW) Transaxle • Cleaning up to a 5% (3°) ramp. • Transport up to a 19% (11°) ramp.	Superior transport drive performance. Excellent ramp climbing capability. Sealed assembly for low maintenance.	Increases operator productivity by reducing fatigue and minimal breakdowns. Increases operator safety, with climbing capability that won't require unsafe practices to move the machine around.

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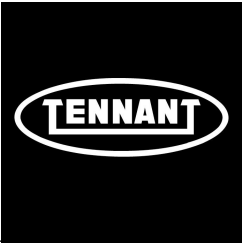


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Feature	Advantage	Benefit
• Full variable speed control in forward and reverse Recommended Cleaning & Max Transport Speeds • ReadySpace – 100 ft (30.5 m) per minute. • Extraction – 50 ft (15 m) per minute. • Transport – up to 250 ft (76 m) per minute. 	Reduces operator fatigue. Best combination of excellent cleaning and productivity. Multiple uses of travel for multiple purposes.	Maximizes your cleaning efforts in the shortest amount of time. Combine the high cleaning speed of ReadySpace with the less than 30-minute dry times and you have the shortest “Clean-to-Use” cycle in the industry!
CONTROLS AND OPERATION SYSTEM		
Control Console • Simplified Controls • Universal Icon Designation • Ergonomic Design • Upper & Lower Control Panel	Easy to learn and operate the machine. Simple switch layout.	Reduces operator training and increases productivity by getting new operators on the job faster.

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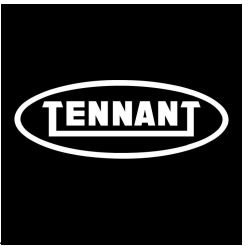


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Feature	Advantage	Benefit
Upper Control Panel • Battery Indicator  • Speed Control Knob  • Cleaning Head – On Switch 	Universal picture icons for easy identification of switch function. Battery indicator shows the amount of charge remaining. The speed control knob allows the operator to determine the most effective speed for cleaning. This switch lowers and raises the cleaning head. When activated, the head lowers to an initial cleaning position and the vacuum starts.	An operator can easily see the amount of battery charge still available to clean, thus improving operator productivity. An operator can selectively determine the most effective and efficient cleaning speed, thus increasing operator safety. The easily accessible, one-step switch allows the operator to engage the cleaning heads and vacuum, improving the ease of use.
• Down Pressure Button • Down Pressure Gauge (always operate in the green) 	Two position button, for more down pressure on the cleaning head from the standard setting. Indicator gauge shows the amount of down pressure being exerted.	This provides an effective, easy to use button, for operator efficiency. A visible gauge, allows the operator to easily determine the amount of down pressure required for the most effective level of clean, improving operator productivity.

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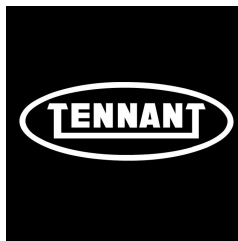


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Feature	Advantage	Benefit
Lower Control Panel • Key Switch 	Key switch allows machine to be secure.	Improves operator safety and allows for additional security.
Adjustable Control Console 	Multiple heights for operator comfort.	With the operator more comfortable, there will be less fatigue and morale will improve.

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Feature	Advantage	Benefit
Twist Grips Both forward and reverse 	Dual-purpose twist grips simply change the direction of the wrist to alternate direction of machine.	Improves ease of use and operator safety.
Multipurpose Controls 	Same set of controls for both ReadySpace and extraction cleaning.	Provides for application versatility and increased operator productivity.
Full Circuit Breaker Protection	All motors and electrical systems are circuit breaker protected for safety. Easy reset feature on all circuit breakers.	Safety Reduces component failure and long-term maintenance costs.
Warranty 10 Year Coverage All rotationally-molded Components 3 Year Coverage (or 2000 hours) Parts & Labor	Reduces customer exposure to repair costs due to defect in component workmanship. Extended coverage/protection on entire machine body (rotationally-molded components).	Reduces long-term operation life-cycle cost of product.

For more information about this product, or to answer any questions about this product tutorial, contact the Education & Development Department at 763-513-2178.