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T15 – Product Guide

**Uncompromised Industrial-Strength Performance to Clean Both Open Areas and Tight Spots**

**Product Highlights**
- Built on the success of Tennant’s small industrial battery riders; this next generation scrubber has enhanced customer value that reinforces Tennant’s brand commitment to industrial cleaning.
- One machine versatile enough to scrub both open areas and tight spots in applications where uncompromising industrial-strength performance is required.
- Addresses key customer concerns of maintaining a higher level of cleanliness in their facility, increasing productivity, and improving workplace safety.

**Key Product Enhancements**
- Best-in-Class Solution Capacity
- Quiet Operation from a Lower Sound Level
- Fresh, Updated Look
- Automatic Parking Brake

**General Machine Specifications**

<table>
<thead>
<tr>
<th>Cleaning Path</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Main brush (cylindrical or disk)</td>
<td>36 in</td>
<td>910 mm</td>
</tr>
<tr>
<td>- With optional side sweeping brush</td>
<td>39 in</td>
<td>990 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Tanks</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Solution tank</td>
<td>45 gal</td>
<td>170 L</td>
</tr>
<tr>
<td>- Solution capacity with ES®</td>
<td>65 gal</td>
<td>246 L</td>
</tr>
<tr>
<td>- Recovery tank</td>
<td>55 gal</td>
<td>208 L</td>
</tr>
<tr>
<td>- Demisting chamber</td>
<td>10 gal</td>
<td>38 L</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Length</th>
<th>72 in</th>
<th>1,830 mm</th>
</tr>
</thead>
</table>

<table>
<thead>
<tr>
<th>Width</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Frame</td>
<td>40.25 in</td>
<td>1,023 mm</td>
</tr>
<tr>
<td>- Rear squeegee</td>
<td>45.5 in</td>
<td>1,156 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Height</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Without overhead guard</td>
<td>53.5 in</td>
<td>1,359 mm</td>
</tr>
<tr>
<td>- With optional overhead guard</td>
<td>80 in</td>
<td>2,030 mm</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Weight</th>
<th></th>
<th></th>
</tr>
</thead>
<tbody>
<tr>
<td>- Net without options (empty)</td>
<td>1,105 lbs</td>
<td>501 kg</td>
</tr>
<tr>
<td>- With standard 235 AH batteries</td>
<td>1,505 lbs</td>
<td>603 kg</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Minimum Aisle Turn</th>
<th>82 in</th>
<th>2,080 mm</th>
</tr>
</thead>
</table>

| Sound Level | 73 dBA | 73 dBA |

**Built on the success of Tennant’s small industrial battery riders; this next generation scrubber has enhanced customer value that reinforces Tennant’s brand commitment to industrial cleaning.**

**One machine versatile enough to scrub both open areas and tight spots in applications where uncompromising industrial-strength performance is required.**

**Addresses key customer concerns of maintaining a higher level of cleanliness in their facility, increasing productivity, and improving workplace safety.**
SCRUBBING SYSTEM

MAIN SCRUBBING BRUSHES (2 CYLINDRICAL)

- Two 6 in / 150 mm diameter counter-rotating cylindrical brushes provide aggressive scrubbing and light debris pick-up to deliver **superior cleaning results** and **increased productivity**.
- Two heavy-duty 0.75 hp / 0.56 kW drive motors, one per brush, provide **efficient and constant power**.
- 4 programmable down-pressure settings up to 90 lb / 41 kg for **effective cleaning in a variety of applications**.
- Durable cast aluminum scrub head and high-density Duramer™ debris tray resist rust and corrosion, **reducing maintenance and replacement costs**.
- Simple and easy no-tool brush removal and change **greatly reduces daily maintenance time**.
- Available polypropylene, stiff polypropylene, nylon, and super abrasive bristle brushes **increase cleaning flexibility**.

MAIN SCRUBBING BRUSHES (2 DISK)

- Two 18 in / 460 mm gimble-mounted disk scrubbing brushes adjust to changing floor conditions to provide **superior cleaning results**.
- Two heavy-duty 0.75 hp / 0.56 kW drive motors, one per brush, provide **efficient and constant power**.
- 4 programmable down-pressure settings up to 200 lb / 91 kg for **effective cleaning in a variety of applications**.
- Simple and easy no-tool brush removal and change **greatly reduces daily maintenance time**.
- Available polypropylene, soft nylon, and super abrasive bristle Brushes, as well as pad drivers with a variety of pads, **increase cleaning flexibility**.

OPTIONAL SIDE SWEEPING BRUSH (AVAILABLE WITH CYLINDRICAL ONLY)

- Extend total cleaning path to 39 in / 990 mm to remove light debris from hard to clean edges, **maximizing productivity**.
- Simple to operate pedal-activated design **reduces operator training time**.
- Brush assembly retracts on impact, **protecting both the machine and the facility** and **reducing maintenance costs**.

See Photo Page 1
SCRUBBING SYSTEM (CONT.)

OPTIONAL PRE-SWEEPING ATTACHMENT

- Optional pre-sweeping attachment provides true dry sweeping capabilities with water-assisted dust control, reducing labor costs by eliminating manual pre-sweeping.
- Optional dual side brushes extend the cleaning path to a full 46 in / 1,170 mm, maximizing productivity.
- 1.35 ft³ / 38 L debris hopper capacity allows for extended debris pick-up before emptying.
- Heavy-duty wrap-around steel bumper protects the pre-sweep attachment, reducing maintenance costs.

ONE-BUTTON SCRUBBING OPERATION

- All scrubbing operations begin with the touch of a button: brushes lower and rotate, vacuum fan starts and rear squeegee lowers, decreasing operator training time and simplifying machine operation.
- Scrubbing control system remembers the most recent setting, ensuring consistent cleaning results.
- Machine scrubbing functions can also be independently controlled for double scrubbing and other special needs, maximizing cleaning flexibility.

SOLUTION TANK

- **Usable** capacity of 45 gal / 170 L for best-in-class solution capacity.
- Rounded tank corners and sloped tank floor for quick and easy draining reduces cleanout time and minimizes operator fatigue during tank cleanout.
- High-density polyethylene Duramer™ tank will not rust or corrode, reducing maintenance costs.
- Specially coated molds used to form the solution tank make the exterior easier to clean, maintaining a superior machine appearance.
DUAL MODE SCOURING

STANDARD FaST™ – FOAM-ACTIVATED SCOURING TECHNOLOGY

- Standard FaST™ system scrubs up to three times longer than conventional scrubbing, increasing productivity, while leaving floors drier quicker, enhancing facility safety.
- Foam scrubbing requires 70% less water than conventional, providing up to 115 minutes of continuous cleaning before an empty/fill cycle, dramatically increasing productivity while reducing wastewater.
- National Floor Safety Institute (NFSI)-certified to increase floor traction by up to 21%, reducing the risk of slip-and-fall.
- Machine can also operate in conventional scrub mode with the touch of a button for greater cleaning flexibility.

OPTIONAL ES® EXTENDED SCRUB SYSTEM (NOT WITH FaST™)

- Optional ES® Extended Scrub system filters and recycles recovered solution for re-use in cleaning, greatly extending runtime for maximum productivity.
- ES® system allows for the use of any recycling (low-foam) detergent for a variety of applications.
- Filter screen is located for easy cleanout access.

CONVENTIONAL SCOURING

- All machines, whether equipped with FaST™ or ES®, can be switched to scrub in conventional mode, maximizing cleaning flexibility.
- Conventional mode uses a detergent and water mixture directly from the solution tank and is useful in special situations like double or restorative scrubbing, allowing the use of any detergent and fitting a variety of applications.
RECOVERY SYSTEM

SMARTRELEASE™ PARABOLIC REAR SQUEEGEE

- Parabolic rear squeegee design is optimized for superior water pick-up, leaving floors safer and drier.
- SmartRelease™ breakaway system reduces damage to the squeegee frame and floor when the squeegee breaks away, lowering maintenance and repair costs.
- Cast aluminum rear squeegee frame will not rust or corrode over time, reducing replacement costs.
- No-tool design allows for quick front and rear squeegee blade changes, reducing downtime and operator training.
- Standard long-wearing Linatex blades (front, rear and side) for maximum life reduce replacement costs.

VACUUM FAN AND FAN PROTECTION

- 0.8 hp / 0.6 kW electric vacuum fan provides 70 in / 1,780 mm of water lift for superior solution recovery; optional dual vacuum fans further enhance solution recovery capabilities.
- 10 gal / 38 L demisting chamber provides space for foam to dissipate and protects the fan from moisture, reducing maintenance or replacement costs.
- Reliable electronic switch shuts off the vacuum fan when the recovery tank is full, preventing moisture intake.
- Removable and cleanable in-line mesh filter screen provides extra fan protection from debris and particles, extending component life.

RECOVERY TANK

- Total capacity of 55 gal / 208 L.
- Rounded tank corners and sloped tank floor for quick and easy draining reduces cleanout time and minimizes operator fatigue during tank cleanout.
- High-density polyethylene Duramer™ tank will not rust or corrode, reducing maintenance costs.
- Specially coated molds used to form the solution tank make the exterior easier to clean, maintaining a superior machine appearance.
- “Recovery tank full” indicator eliminates operator judgement for superior cleaning results.
RECOVERY SYSTEM (CONT.)

LARGE PORTS AND RETRACTABLE DRAIN HOSE

- Both the solution and recovery tanks feature large cleanout ports with convenient screw-on caps for easy tank access to reduce cleanout time.
- Screw-on caps feature a new gasket material for increased reliability and performance.
- A standard retractable drain hose on the recovery tank provides quick and easy tank emptying into a floor drain or other location, minimizing tank draining time.
- Optional Positive Drain Control™ valves are available on for the recovery and solution tanks, providing complete flow control.

MACHINE OPERATION

PROPELLING SYSTEM

- New 1.5 hp / 1.1 kW propel motor features integrated regenerative braking and superior component reliability.
- Electromagnetic parking brake automatically engages when machine propel stops; intuitive brake and propel pedals are designed for one-foot operation like an automobile, increasing operator and facility safety.
- Standard non-marking front tire provides superior performance on a variety of hard floor surface types.

BATTERIES

- Standard 36V, 235 AH battery system for up to 2.3 hours of runtime; optional 335 AH batteries deliver up to 3.7 hours of runtime, fitting a variety of applications.
- Battery charger is included with either battery choice.
- Gel cell or AGM maintenance-free batteries are available through Custom Solutions, enhancing safety and reducing battery maintenance.
- Optional roll-out battery system allows for unlimited runtime for increased productivity.
MACHINE CONSTRUCTION AND SAFETY

HEAVY-GAUGE STEEL FRAME

- Heavy-gauge steel machine frame is designed using box section steel structures, T-beam members, and arch wheel supports for maximum strength over the life of the machine.
- Robotic welding equipment ensures the strongest welds possible and calibrated tools properly tighten nuts and bolts to provide long-term structural reliability.
- A state-of-the-art, baked-on powder coated paint finish provides superior machine protection and appearance.

ELECTRICAL SYSTEM

- Weatherproof, automotive, triple-sealed electrical connectors protect sensitive electrical connections, reducing downtime due to electrical issues and minimizing maintenance costs.
- All electrical wires are numbered for easy tracing and each electrical system uses a different-colored wire for easy troubleshooting, providing easier maintenance and serviceability.
- UL® Label Type is standard with every machine, with available Type ES, ensuring the highest safety standards.

MACHINE SAFETY

- Standard headlights and taillights, provide maximum operator visibility and machine awareness, increasing employee and facility safety.
- Standard seat switch prohibits machine operation when the operator’s seat is unoccupied, increasing operator safety.
- Optional safety warning light and audio back-up alarm provide additional employee and facility protection.
- An optional overhead guard protects both the operator and the machine, allowing for safe, effective operation in even the most severe environments.