

# T3 Specifications



| Features                           | Specifications (English/Metric)                                          |                                                                          |                                                                          |
|------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|--------------------------------------------------------------------------|
| Model                              | T3 17" (43cm) Pad Assist                                                 | T3 20" (50cm) Pad Assist FaST™ & Non FaST™                               | T3 20" (50cm) w/Drive FaST™ & Non FaST™                                  |
| Chassis/Body Construction          | Roto-molded polyethylene                                                 | Roto-molded polyethylene                                                 | Roto-molded polyethylene                                                 |
| Productivity (per hour)            |                                                                          |                                                                          |                                                                          |
| Theoretical Max                    | 20,230 ft <sup>2</sup> / 1,880 m <sup>2</sup>                            | 23,800 ft <sup>2</sup> / 2,210 m <sup>2</sup>                            | 23,800 ft <sup>2</sup> / 2,210 m <sup>2</sup>                            |
| Estimated Coverage* (Conventional) | 8,440 ft <sup>2</sup> / 785 m <sup>2</sup>                               | 10,125 ft <sup>2</sup> / 940 m <sup>2</sup>                              | 16,065 ft <sup>2</sup> / 1,490 m <sup>2</sup>                            |
| Estimated Coverage* (FaST)         | 11,250 ft <sup>2</sup> / 1,045 m <sup>2</sup>                            | 13,500 ft <sup>2</sup> / 1,255 m <sup>2</sup>                            | 18,210 ft <sup>2</sup> / 1,690 m <sup>2</sup>                            |
| <b>Brush/Pad Drive System</b>      |                                                                          |                                                                          |                                                                          |
| Cleaning Path                      | 17" (430 mm)                                                             | 20" (510 mm)                                                             | 20" (510 mm)                                                             |
| Brush Motor Horsepower             | 1.0 hp / .75 kW                                                          | 1.0 hp / .75 kW                                                          | 1.0 hp / .75 kW                                                          |
| Brush RPM                          | 230 RPM                                                                  | 230 RPM                                                                  | 230 RPM                                                                  |
| Brush/Pad Pressure                 | 50 & 90 lbs / 23 & 41 kg                                                 | 50 & 90 lbs / 23 & 41 kg                                                 | 50 & 90 lbs / 23 & 41 kg                                                 |
| <b>Solution Delivery System</b>    |                                                                          |                                                                          |                                                                          |
| Solution Tank Description          | Full Access and Cleanable                                                | Full Access and Cleanable                                                | Full Access and Cleanable                                                |
| Solution Capacity                  | 10.5 gal (40 liter)                                                      | 10.5 gal (40 liter)                                                      | 10.5 gal (40 liter)                                                      |
| <b>Recovery System</b>             |                                                                          |                                                                          |                                                                          |
| Recovery Tank Description          | Full Access and Cleanable                                                | Full Access and Cleanable                                                | Full Access and Cleanable                                                |
| Recovery Tank Capacity             | 15 gal (57 liter)<br>(Includes demisting chamber)                        | 15 gal (57 liter)<br>(Includes demisting chamber)                        | 15 gal (57 liter)<br>(Includes demisting chamber)                        |
| Vacuum Motor                       | .5 hp/ .37 kW – Two Stage                                                | .5 hp/ .37 kW – Two Stage                                                | .5 hp/ .37 kW – Two Stage                                                |
| Vacuum Motor CFM                   | 65 cfm (1.84 cmm)                                                        | 65 cfm (1.84 cmm)                                                        | 65 cfm (1.84 cmm)                                                        |
| Vacuum Motor Sealed Water Lift     | 40" (1020 mm)                                                            | 40" (1020 mm)                                                            | 40" (1020 mm)                                                            |
| Squeegee Description               | 30" (760 mm) curved squeegee assembly with quick change four sided blade | 30" (760 mm) curved squeegee assembly with quick change four sided blade | 30" (760 mm) curved squeegee assembly with quick change four sided blade |
| <b>Drive System</b>                |                                                                          |                                                                          |                                                                          |
| Caster Description                 | 3.15" (80 mm) diameter polyurethane                                      | 3.15" (80 mm) diameter polyurethane                                      | 3.15" (80 mm) diameter polyurethane                                      |

\*Estimated coverage rates use the practical speed and empty/fill time standards from the 2004 ISSA Cleaning Times handbook.



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| Features                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | Specifications (English/Metric)                      |                                                      |                                                                                                   |
|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|------------------------------------------------------|------------------------------------------------------|---------------------------------------------------------------------------------------------------|
| Wheel Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                              | 8" x 2" (200 mm x 50 mm)<br>non-marking polyurethane | 8" x 2" (200 mm x 50 mm)<br>non-marking polyurethane | 8" x 2" (200 mm x 50 mm)<br>non-marking polyurethane                                              |
| Speed Control Description                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                      | N/A                                                  | N/A                                                  | Fully variable, electronic<br>speed control, forward<br>0-230 ft/min and reverse<br>0-140 ft/min. |
| Battery System                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                      |                                                                                                   |
| System Voltage                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 24 Volt                                              | 24 Volt                                              | 24 Volt                                                                                           |
| Battery Amp Hour Rating:                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       | 105 AH @ 20 hr rate                                  | 130 AH @ 20 hr rate                                  | 155 AH @ 20 hr rate                                                                               |
| Battery Count                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                  | 2                                                    | 2                                                    | 2                                                                                                 |
| Run Time (continuous)<br>Per Charge                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 2.5 hours                                            | 2.5 hours                                            | 3 hours                                                                                           |
| Machine Dimensions                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             |                                                      |                                                      |                                                                                                   |
| Product Length                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 48 in (1220 mm)                                      | 50.25 in (1280 mm)                                   | 50.25 in (1280 mm)                                                                                |
| Width Without Squeegee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 19.25 in (490 mm)                                    | 22 in (560 mm)                                       | 22 in (560 mm)                                                                                    |
| Width With Squeegee                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 30 in (760 mm)                                       | 30 in (760 mm)                                       | 30 in (760 mm)                                                                                    |
| Product Height                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 | 43 in (1090 mm)                                      | 43 in (1090 mm)                                      | 43 in (1090 mm)                                                                                   |
| Product Weight (w/out batteries)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                               | 208 lbs (94 kg)                                      | 210 lbs (95 kg)                                      | 221 lbs (100 kg)                                                                                  |
| Product Weight (with batteries)                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                | 319 lbs (145 kg)                                     | 343 lbs (156 kg)                                     | 391 lbs (177 kg)                                                                                  |
| Minimum Aisle Turn                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                             | 48.75x in (1238 mm)                                  | 51 in (1300 mm)                                      | 51 in (1300 mm)                                                                                   |
| Total Power Consumption                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                        |                                                      |                                                      |                                                                                                   |
| Power Consumption Amps                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                         | 27 amp nominal                                       | 29 amp nominal                                       | 30 amp nominal                                                                                    |
| Decibel Rating                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                 |                                                      |                                                      |                                                                                                   |
| Operator's Position                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            | 68.5 dBa                                             | 68.5 dBa                                             | 68.5 dBa                                                                                          |
| Warranty                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                       |                                                      |                                                      |                                                                                                   |
| Tennant warrants the rotationally-molded polyethylene housings and parts on all of its machines to be free from defects in materials and workmanship, under normal use and service for ten <b>(10)</b> years to the original end user. Under this warranty, we guarantee the performance of non-polyethylene parts and components to be free from defects for up to three <b>(3)</b> years or 2,500 hours of operation, whichever comes first, to the original end user. Parts replaced or repaired under this warranty are guaranteed for the remainder of the original warranty period. Labor charges are covered for three <b>(3)</b> full years from the date of purchase for Tennant models, provided an authorized Tennant service provider is used for repair. Travel is covered for <b>(90 days)</b> . |                                                      |                                                      |                                                                                                   |