



# Model 810 Specifications

## POWER SWEEPER

| Feature                                      |  |                                 |
|--|--|---------------------------------|
| <b>Sweeping System</b>                       |  |                                 |
| Cleaning path                                | 66-inch  | 1,675 mm                        |
| Main brush                                   |  |                                 |
| Main brush length                            | 50-inch  | 1,270 mm                        |
| Main brush lift                              | Hydraulic  | Hydraulic                       |
| Main brush change                            | No-tool  | No-tool                         |
| Side broom                                   |  |                                 |
| Side broom diameter                          | 26-inch  | 660 mm                          |
| Debris hopper                                |  |                                 |
| Volume capacity                              | 30 ft <sup>3</sup>   | 850 liter                       |
| Weight capacity                              | 2,000 lb   | 905 kg                          |
| Dump height                                  | 72-inch  | 1,830 mm                        |
| Dump reach                                   | 20-inch  | 510 mm                          |
| <b>Dust Control System</b>                   |  |                                 |
| Filter system (quad stage, 99% at 4 microns) |  |                                 |
| Stage 1                                      | Debris deflector   | Debris deflector                |
| Stage 2                                      | Perma-Filter™  | Perma-Filter™                   |
| Stage 3                                      | Wrap-around pre-screen   | Wrap-around pre-screen          |
| Stage 4                                      | 190 ft <sup>2</sup> dual canister                                  | 17 m <sup>2</sup> dual canister |
| Vacuum fan                                   |  |                                 |
| Speed  | 8,500 rpm  | 8,500 rpm                       |
| Vacuum diameter                              | 9.5-inch   | 240 mm                          |
| <b>Propelling System</b>                     |  |                                 |
| Propel speed forward (variable to)           | 10.0 mph   | 16 km/h                         |
| Propel speed reverse (variable to)           | 4.5 mph  | 7.2 km/h                        |
| Engine                                       |  |                                 |
| Gasoline/LPG                                 | 83.0 hp GM   | 60.0 kW GM                      |
| Diesel                                       | 63.0 hp Cat  | 45.0 kW Cat                     |
| Gradeability                                 |  |                                 |
| Full hopper                                  | 8.5 deg/15%  | 8.5 deg/15%                     |
| Empty hopper                                 | 15.0 deg/27%   | 15.0 deg/27%                    |
| <b>Machine Dimensions</b>                    |  |                                 |
| Length                                       | 120-inch   | 3,048 mm                        |
| Width  | 70-inch  | 1,778 mm                        |
| Height without OHG                           | 52.5-inch  | 1,335 mm                        |
| With OHG                                     | 82.5-inch  | 2,095 mm                        |
| Weight                                       |  |                                 |
| Net  | 6,500 lb   | 2,950 kg                        |
| Minimum aisle turn (left)                    | 135-inch   | 3,430 mm                        |
| <b>Warranty</b>                              | Please refer to your local Tennant representative for information. |                                 |