

7100



## Industrial Micro-Rider Scrubber

- Maximum machine life from innovative engineering and industrial-grade construction
- Dramatically increased floor safety from chemical-free ec-H2O or foam-based FaST® technology
- Superior cleaning performance from aggressive scrubbing system delivering up to 200 lb of down pressure



*The Safe Scrubbing Alternative®*

*Extended Scrubbing*

# Superior performance and reliable operation from the benchmark in micro-riding scrubbers

The industrial-grade, heavy-duty 7100 sets the standard for micro-rider scrubbers, providing consistent, quality cleaning results even in the harshest industrial environments.

## Rugged, industrial-strength durability

Shock-absorbing steel frame, and durable polyethylene construction enable the 7100 to withstand the most severe cleaning environments.

## Maximum uptime for years of worry-free operation

Superior engineering, proven results and an exclusive 10/3/2 warranty mean you can count on the 7100 to clean day after day.

## Increased productivity with innovative technologies

In addition to increasing safety, scrubbing with ec-H<sub>2</sub>O or FaST foam requires so little water that operators can clean up to three times longer between empty/fill stops.



## MUST-HAVE OPTIONS

### Maximum versatility

Choose from either disk or cylindrical scrubheads to meet your specific cleaning challenges.

### 30% greater pick-up

The optional dual vac fan delivers up to 30% more vacuum lift providing better pick-up over uneven or damaged floors and also to capture tough, bulky soils found in industrial facilities.

### Extend your cleaning reach

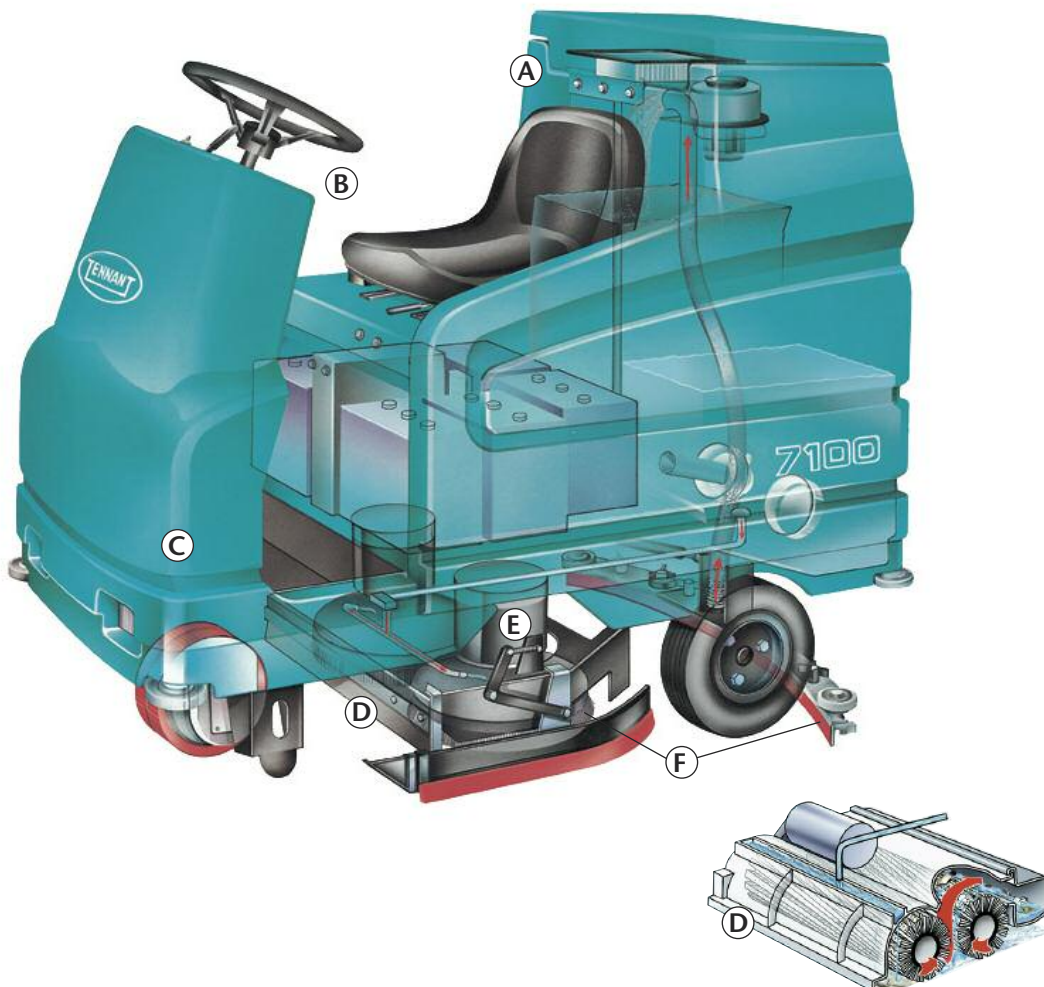
Customize with an off-aisle power wand or a V-mop to extend your cleaning reach.



## Exclusive Technologies (optional cleaning innovations)

	 Electrically converted water	 Foam-activated chemical	 Recycled for extended scrubbing
Increase safety	<ul style="list-style-type: none"> <li>• High traction certified by NFSI</li> <li>• Reduce chemical accidents</li> </ul>	<ul style="list-style-type: none"> <li>• High traction certified by NFSI</li> <li>• Eliminate measuring and mixing</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce chemical handling by 66% (Three cycles maximum per fill)</li> </ul>
Reduce costs	<ul style="list-style-type: none"> <li>• Eliminate purchase of daily cleaners</li> <li>• Reduce water consumption and disposal by up to 70%</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce chemical usage up to 90%</li> <li>• Reduce water consumption and disposal by up to 70%</li> </ul>	<ul style="list-style-type: none"> <li>• Reduce water consumption and disposal by up to 66%</li> </ul>
Soil type	<ul style="list-style-type: none"> <li>• Replace daily cleaners</li> <li>• Effective on food-based oils and greases</li> </ul>	<ul style="list-style-type: none"> <li>• Three grades of chemical from light-duty cleaner to heavy-duty degreaser</li> </ul>	<ul style="list-style-type: none"> <li>• All grades of chemical – mainly medium cleaner to heavy-duty degreaser</li> </ul>

### All technologies increase scrub time up to three times



- A** Maximize cleaning time with best-in-class solution capacity in standard mode. Add ec-H2O, FaST, or ES technology to further enhance productivity.
- B** Maximizes operator ease with features like true one-button scrubbing operation and an ergonomic, sliding seat for improved operator comfort.
- C** Withstand the harshest cleaning environments with thick polyethylene construction, a rugged, shock absorbing frame and scrub-head linkage.
- D** Customizes to meet your unique needs – choose from two path widths and either disk for smooth floors without debris or cylindrical scrub heads for capturing light debris.
- E** Delivers one-pass cleaning even in the dirtiest environments – with fully adjustable down pressure up to 200 lb. and brush speeds of up to 750 rpm.
- F** Reduces maintenance costs with breakaway squeegee and scrub heads that provide long-life corrosion resistance.

## Tennant Company Environmental Stewardship



**ec-H2O and FaST technologies are NFSI (National Floor Safety Institute) Certified.** NFSI certification ensures a product has passed a 2-phase testing process, proving the floor product helps to reduce potential for slip-and-fall accidents.



**ec-H2O and FaST technologies are registered by NSF International.** NSF International is an independent, not-for-profit organization that ensures formulation and labels on these products meet appropriate food safety regulations.



**ec-H2O and FaST technologies may contribute to LEED or LEED-EBOM (Existing Building: Operations & Maintenance) points,** provided other appropriate criteria are met. For more information on obtaining LEED points, please contact your sales rep or refer to the USGBC website at: [www.usgbc.org](http://www.usgbc.org).



**FaST is a Green Seal (GS-37) Certified Detergent.** Green Seal evaluates and certifies cleaning products based on criteria such as the toxicity of the product, skin and eye irritation, skin sensitization, combustibility, toxicity to aquatic life, and packaging.



Conserve Resources



Reduce Detergents



Increase Safety



Improve Air Quality



Reduce Noise

Choose GE Capital Solutions and U.S. Bank, our esteemed financial partners, for simple, quick financing with flexible upgrade options, and no long-term obligations.

## 7100 BATTERY-POWERED RIDING SCRUBBER

FEATURES	28-inch/710 mm	32-inch/810 mm
<b>Productivity (per hour)</b>		
Theoretical max	49,280 ft <sup>2</sup> /4,578 m <sup>2</sup>	56,320 ft <sup>2</sup> /5,232 m <sup>2</sup>
Estimated coverage* (Conventional)	25,740 ft <sup>2</sup> /2,391 m <sup>2</sup>	29,700 ft <sup>2</sup> /2,759 m <sup>2</sup>
Estimated coverage* (ec-H2O/FaST)	30,030 ft <sup>2</sup> /2,790 m <sup>2</sup>	34,650 ft <sup>2</sup> /3,219 m <sup>2</sup>
<b>Scrubbing System</b>		
Solution tank	30 gal/114 liter	30 gal/114 liter
Disk scrub head		
Speed	320 rpm	320 rpm
Down pressure (variable to)	200 lb/91 kg	200 lb/91 kg
Brush diameter (2)	14-inch/355 mm	16-inch/405 mm
Brush motor (2)	0.75 hp/0.55 kW	0.75 hp/0.55 kW
Cylindrical scrub head		
Speed	750 rpm	750 rpm
Down pressure (variable to)	90 lb/40 kg	90 lb/40 kg
Brush diameter (2)	6-inch/150 mm	6-inch/150 mm
Brush motor (2)	0.75 hp/0.55 kW	0.75 hp/0.55 kW
<b>Recovery System</b>		
Recovery tank	30 gal/114 liter	30 gal/114 liter
Demisting chamber	15 gal/57 liter	15 gal/57 liter
Vacuum fan	0.8 hp/0.6 kW	0.8 hp/0.6 kW
Vacuum water lift	70-inch/1780 mm	70-inch/1780 mm
<b>Propelling System</b>		
Propel speed forward (variable to)	4.5 mph/7.2 km/h	4.5 mph/7.2 km/h
Propel speed reverse (variable to)	2.5 mph/4.0 km/h	2.5 mph/4.0 km/h
Propel motor	1.6 hp/1.2 kW	1.6 hp/1.2 kW
Gradeability		
Transport at gross weight	8 deg/14%	8 deg/14%
Working (scrubbing)	4 deg/7%	4 deg/7%
<b>Machine Dimensions</b>		
Length	66.5-inch/1690 mm	66.5-inch/1690 mm
Machine width	33-inch/840 mm	36-inch/910 mm
Squeegee width	33-inch/840 mm	40-inch/1020 mm
Height	54-inch/1370 mm	54-inch/1370 mm
Weight	853 lb/385 kg	853 lb/385 kg
With standard 235 Ah battery	1285 lb/580 kg	1285 lb/580 kg
Minimum aisle turn	72.5-inch/1840 mm	72.5-inch/1840 mm

**Warranty** See your local representative for warranty information

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

## SEEING IS BELIEVING

See for yourself how the 7100 rider scrubber delivers clean, safe floors in your most challenging environments. For a demonstration or additional information, call **800.553.8033**.

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