



**Count on it.**

**PROCORE<sup>®</sup> 648s**  
WALK AERATOR



**LEGENDARY PERFORMANCE.  
SUPERIOR HOLE QUALITY.**



# PROCORE® 648s FEATURES

## The new gold standard of greens aeration

The ProCore 648s builds on the tremendous legacy of the ProCore 648 by incorporating enhanced innovative features while preserving the time-tested design elements that are trusted the world over. Revised controls improve ergonomics and allow single-handed operation. Hole spacing and true tine depth are now set and saved in the InfoCenter™. The on-board controller continuously monitors key operating parameters to improve after-aeration turf condition and allows the operator to easily target coring head drop and raise. A tighter turning radius with reduced wheel scrubbing and the ability to easily increase speed during turns increases productivity. Proven reliability, improved performance and exciting innovation – that’s what makes the ProCore 648s the new superior choice.



**PROVEN DESIGN**  
The revolutionary RotaLink™ coring head design and TrueCore™ ground-following system provide smooth operation, superior hole quality, and consistent depth.



**DELAYED MODE**  
Improve start of pass performance and easily target coring head drop and raise.



**INTUITIVE AND ERGONOMIC CONTROLS**  
The redesigned operator console puts all primary controls at the operator's fingertips. Depth and hole spacing are set and saved in the proven InfoCenter™.



**POWERFUL**  
A Kohler® gas engine provides ample power in all operating conditions.



**SINGLE-HAND OPERATION**  
Comfortable one-handed operation from either side of the machine while walking in the direction of travel.



**EASY STORAGE**  
The floating handle can be raised and locked in a vertical position, providing a reduced storage footprint.

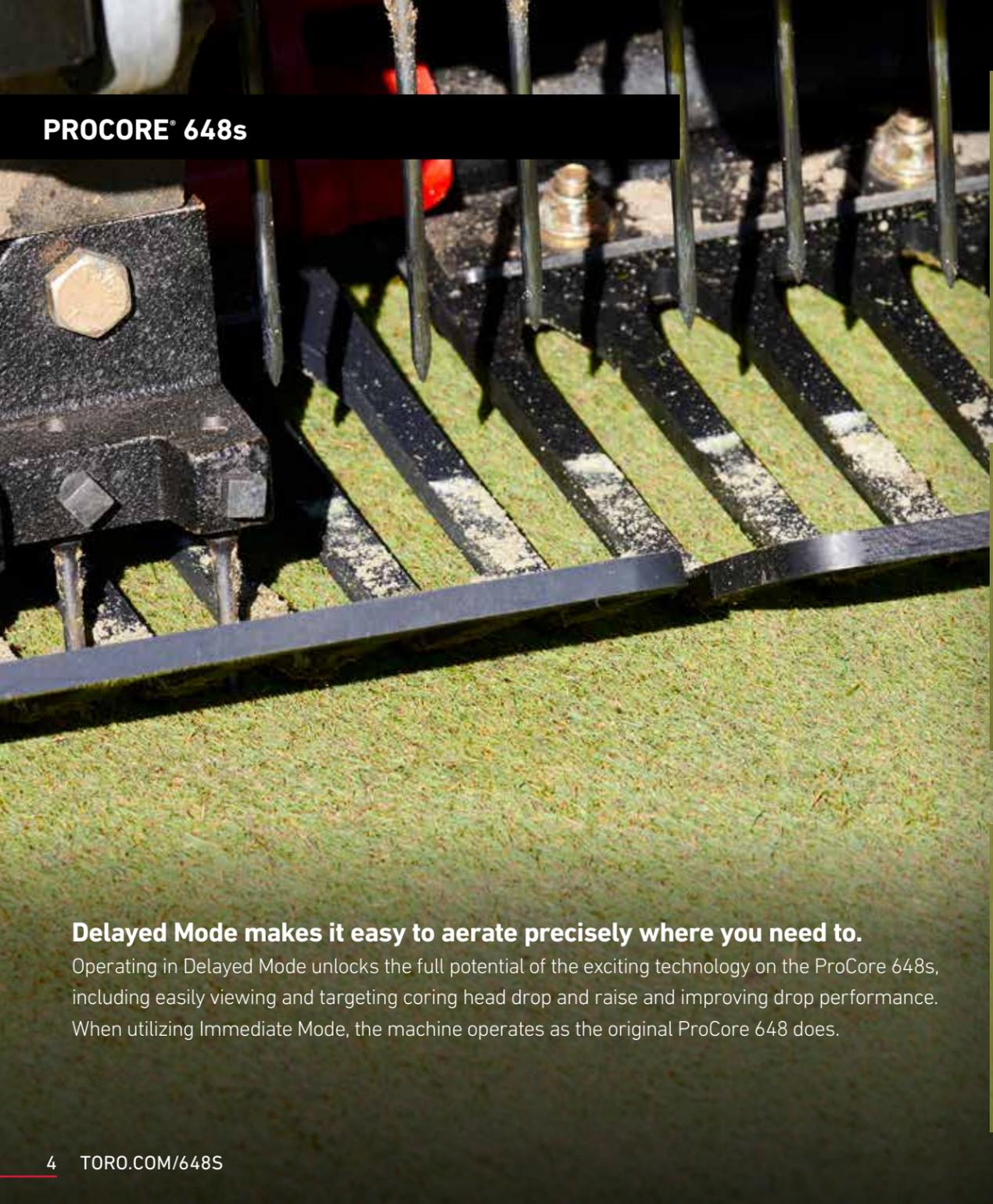


**LOW LIGHT OPERATION**  
The optional LED light kit provides full illumination around the entire machine to view terrain and align aeration passes.

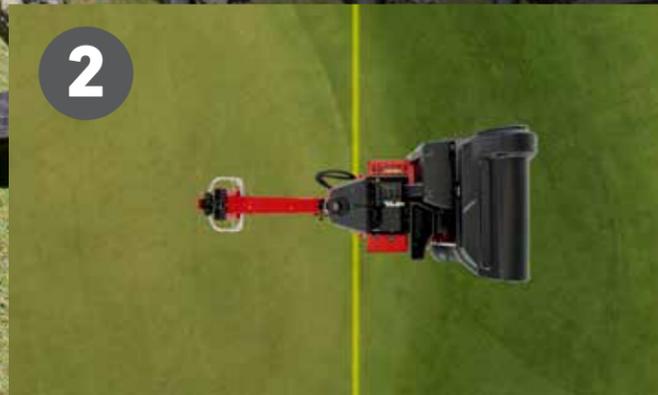


**SURE-FOOTED TRACTION**  
The proven hydrostatic 3WD is now electronically-controlled, maintaining consistent hole spacing up or down hill and providing a tighter turning radius with reduced wheel push and scrub.

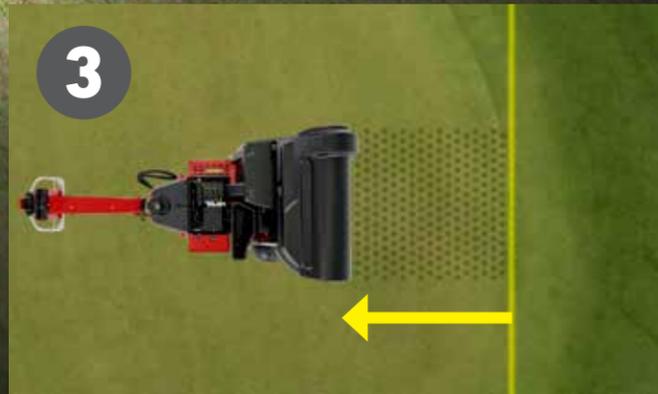
# PROCORE® 648s



**1** Set selector switch to Delayed Mode



**2** Use front tire as indicator of where to engage aeration



**3** Coring head drops where aeration engaged

## Delayed Mode makes it easy to aerate precisely where you need to.

Operating in Delayed Mode unlocks the full potential of the exciting technology on the ProCore 648s, including easily viewing and targeting coring head drop and raise and improving drop performance. When utilizing Immediate Mode, the machine operates as the original ProCore 648 does.

# PROCORE® 648s ACCESSORIES

In addition to the new and exclusive LED light kit for the ProCore 648s, all current accessories for the previous generation ProCore 648 are fully compatible with ProCore 648s.



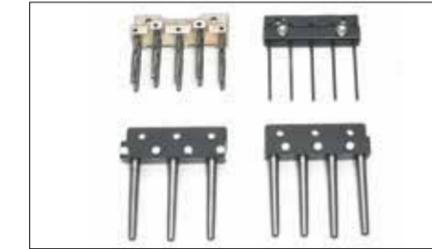
**LED LIGHT KIT**

Five powerful LED lights provide 360 degree illumination. Lights are strategically mounted around the machine for optimum effect.



**WINDROW KIT**

Steel deflectors direct cores into neat, narrow rows for easy collection and removal.



**TINE HOLDERS**

All eight of the existing tine head options mount on the 648s and allow customization of hole spacing to fit your agronomic needs.



**REAR ROLLER/TURF GUARDS**

Turf guards are available to match all tine mount configurations. The rear roller provides an immediate smoothing benefit.



**WHEEL SCRAPER KIT**

Effectively prevents sand, soil and other debris from accumulating on the rear tires.



**WEIGHT KIT**

Up to two additional 60 lb. (28.6 kg) weights can be added to ensure maximum penetration in hard soil conditions.



## » TORO® TITAN® TINES PROVIDE QUALITY RESULTS

- Titan Tines last up to 24% longer than the next leading competitors. Brazed joints and a special tungsten carbide blend allow for maximum durability.
- Over 150 tines available, providing multiple aeration choices for the changing seasons and your most demanding turf conditions.

# PROCORE® AERATORS

## Productive and smooth aeration, just like the ProCore 648s, except in a larger width.

The same ground-breaking technology that allowed the ProCore 648 to revolutionize greens aeration is available for large-area applications. The precision-balanced coring heads run smoothly, even in the raised position with the PTO engaged. This will save you valuable time in turn-arounds and avoiding ground obstacles. The ProCore 864 and 1298 deliver exceptional aeration and productivity in an easy to use, robust design.



ProCore® 1298

ProCore® 864

### SPECIFICATIONS\*

PROCORE® 648S	
ENGINE	Kohler®, 2-cylinder, air-cooled, gas engine. Dry, large capacity, replaceable element air filter. External spin-on oil filter, 2-quart (1.9-liter).
FUEL CAPACITY	7.5 gallons (28.4 liter), gasoline.
CORING WIDTH	48" (121.9 cm)
ELECTRICAL	12-volt, 15 amp regulated charging alternator/generator. BCI Group No.: U1 battery, 300 cold cranking amps @ 0°F. Micro-processor logic control.
DRIVETRAIN/TRACTOR PTO	Series-Parallel, closed loop, hydrostatic drive. 3WD, except 2WD while traveling in forward direction in aeration mode with coring head raised. Electronically controlled variable displacement piston type pump. High-torque, low-speed wheel motor drive.
GROUND SPEED	Transport Forward: 0-4.5 mph (0-7.2 km/h), variable. Transport Reverse: 0-2.0 mph (0-3.2 km/h), variable. Aeration Forward: 0-2.5 mph (0-4.0 km/h), variable. Aeration Reverse: 0-2.0 mph (0-3.2 km/h), variable
BRAKES	Dynamic braking through hydrostatic transmission. Parking brake actuated when steering handle is raised into storage position.
HYDRAULIC SYSTEM	Remote spin-on filter. 3.0- gallon (13.2 liter) capacity, Toro PX Extended Life hydraulic fluid.
TIRES	20 x 10-10, 2-ply rated, smooth tread, tubeless, inflated to 12 psi, de-mountable rims.
INSTRUMENTATION/CONTROLS	InfoCenter™, tachometer. Redundant operator presence bails, aeration start/stop bails and traction speed thumb wheels on handle. Tine length calibration, tine depth and forward hole spacing set and saved in InfoCenter. Bump stop, delayed or immediate drop switch, cruise control on/set/off switch, aerate or transport switch and optional LED light kit switch located on operator console. Ignition, tachometer on side console. Throttle and choke on engine.
DIMENSIONS	<b>Height:</b> Head Raised 45" (114.3 cm). <b>Length:</b> Handle Down 116.3" (293.1 cm). <b>Width:</b> 50.12" (127.3 cm). <b>Wheelbase:</b> 44.5" (113 cm)
WEIGHT	1,642 lbs. (744.7 kg)
WARRANTY	Two-year or 500 hour limited warranty. Refer to the Operator's Manual for further details.

PROCORE® TRACTOR AERATORS		
MODEL	PROCORE 864	PROCORE 1298
POWER/TRACTOR SIZE	30 HP @ PTO minimum 35 HP @ PTO recommended 540 RPM Tractor PTO	40 HP @ PTO minimum, 50 HP @ PTO recommended, 540 RPM Tractor PTO
CORING WIDTH	64" (162.5 cm)	98" (248.9 cm)
DIMENSIONS	<b>Height:</b> 38.5" (98 cm), <b>Length:</b> 35" (89 cm), <b>Width:</b> 67" (170 cm).	<b>Height:</b> 38.5" (98 cm), <b>Length:</b> 35" (89 cm), <b>Width:</b> 101" (256.5 cm).
WEIGHT	1575 lbs. (714 kg)	2300 lbs. (1043 kg)
WARRANTY	Two-year or 500 hour limited warranty. Refer to the Operator's Manual for further details.	

\*Specifications and design subject to change without notice. Products depicted in this literature are for demonstration purposes only. Actual products offered for sale may vary in use, design, required attachments and safety features. See distributor for details on all warranties.



**Count on it.**

**LEARN MORE**

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OR VISIT US AT: **toro.com**

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