



ProCore 648 Specifications*

PROCORE 648, MODEL 09200																													
ENGINE	Kohler®, 2-cylinder, air-cooled, 23 hp (17.2 kW) gross, 19 hp (14.2 kW) net @ 3000 rpm, 41 cu-in. (674 cc) displacement. Dry, large capacity, replaceable element air filter. External spin-on oil filter, 2-quart (1.9-liter).																												
FUEL CAPACITY	7.5-gallon (28.4-liter), gasoline.																												
ELECTRICAL	12 volt, 15 amp regulated charging alternator/generator. BCI Group No.: U1 battery, 300 cold cranking amp @ 0°F. Micro-processor logic control.																												
DRIVETRAIN	3WD, Series-Parallel hydrostatic, closed loop. Variable displacement piston type pump. High-torque, low-speed wheel motor drive.																												
HYDRAULIC SYSTEM	Remote spin-on filter. 3.0- gallon (13.2-liter), Mobilfluid 424 (std.) or Mobil EAL biodegradable (opt.).																												
CONSTRUCTION	Traction unit: welded steel frame. Coring head: welded steel frame with cast crank and arm assembly.																												
TIRES	20 x 10-10, 2-ply rated, smooth tread, tubeless, inflated to 12 psi, de-mountable rims.																												
BRAKES	Dynamic braking through hydrostatic transmission service brake. Hand actuated parking brake.																												
GROUND SPEED	<table border="0"> <tr> <td>Transport:</td> <td>Aerating:</td> </tr> <tr> <td>Forward: 0-3.5 mph (0-6.4 km/h), variable</td> <td>Detent 1: 1.5" (3.8 cm) spacing (2 x 1.5" pattern)</td> </tr> <tr> <td>Reverse: 0-2.0 mph (0-3.2 km/h), variable</td> <td>Detent 2: 2.0" (5.1 cm) spacing (2 x 2.0" pattern)</td> </tr> <tr> <td>Aerating: .77-1.51 mph (1.23-2.42 km/h), variable</td> <td>Detent 3: 2.5" (6.4 cm) spacing (2 x 2.5" pattern)</td> </tr> <tr> <td></td> <td>Detent 4: 3.0" (7.6 cm) spacing (2 x 3.0" pattern)</td> </tr> </table>	Transport:	Aerating:	Forward: 0-3.5 mph (0-6.4 km/h), variable	Detent 1: 1.5" (3.8 cm) spacing (2 x 1.5" pattern)	Reverse: 0-2.0 mph (0-3.2 km/h), variable	Detent 2: 2.0" (5.1 cm) spacing (2 x 2.0" pattern)	Aerating: .77-1.51 mph (1.23-2.42 km/h), variable	Detent 3: 2.5" (6.4 cm) spacing (2 x 2.5" pattern)		Detent 4: 3.0" (7.6 cm) spacing (2 x 3.0" pattern)																		
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INSTRUMENTATION	Hourmeter, tachometer.																												
CONTROLS	Hand controlled bail on handle, coring head lifts and de-clutches if control bail is released. Parking brake and transaxle shift on handle. Coring head raise/lower switch on handle console. Side console with ignition, aeration spacing, manual ground follow and system reset. Aeration depth adjustment on coring head. Throttle and choke on engine.																												
INTERLOCKS	Clutch latch, traction neutral, coring head raise/lower.																												
DIMENSIONS	<table border="0"> <thead> <tr> <th>Length</th> <th>Width</th> <th>Height</th> <th>Wheelbase</th> <th>Track Width</th> <th>Weight (dry)</th> <th>Ground Clearance</th> </tr> </thead> <tbody> <tr> <td>104.5" (265.4 cm)</td> <td>50.12" (127.3 cm)</td> <td>Head Raised 45" (114.3 cm)</td> <td>44.5" (113 cm)</td> <td>38.3" (97.3 cm)</td> <td>1,590 lbs. (722 kg)</td> <td>4.75" (12.1 cm)</td> </tr> <tr> <td></td> <td></td> <td>Head Lowered 36.5" (92.7 cm)</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td>Top of Handle 41.0" (104.1 cm)</td> <td></td> <td></td> <td></td> <td></td> </tr> </tbody> </table>	Length	Width	Height	Wheelbase	Track Width	Weight (dry)	Ground Clearance	104.5" (265.4 cm)	50.12" (127.3 cm)	Head Raised 45" (114.3 cm)	44.5" (113 cm)	38.3" (97.3 cm)	1,590 lbs. (722 kg)	4.75" (12.1 cm)			Head Lowered 36.5" (92.7 cm)							Top of Handle 41.0" (104.1 cm)				
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CERTIFICATION	ANSI B71.4-1999. CE & EU machinery directives.																												
WARRANTY	Two year or 500 hour limited warranty. 120 days for contract use, shared ownership or rental use. Refer to the Operator's Manual for further details.																												

ACCESSORIES						
TINES	Needle Tine	Diameter	Length	Max Depth	Mount Dia.	Part #
		3/16" (5 mm)	6.5"	4.5"	N/A	100-3620
	Solid Tine	5/16" (8 mm)	7.5"	5.5"	N/A	100-3621
		3/8" (9.5 mm)	5.50"	3.5"	3/8"	100-3627
		7/16" (11 mm)	5.50"	3.5"	3/4"	100-3628
		1/2" (13 mm)	6.38"	4.4"	3/4"	100-3629
	Side Eject Tine	5/8" (16 mm)	6.38"	4.4"	3/4"	100-3630
		1/4" (6.4 mm)	4.50"	2.25"	3.8"	106-8941
		1/2" (13 mm)	6.25"	4.2"	3/4"	106-8947
		5/8" (16 mm)	5.75"	3.8"	3/4"	104-9876
		5/8" (16 mm)	6.25"	4.2"	3/4"	107-7544
	Hollow Tine	3/4" (19 mm)	5.75"	3.8"	3/4"	92-7900
		3/8" (9.5 mm)	4.88"	2.9"	3/4"	100-3633
		1/2" (13 mm)	5.50"	3.5"	3/4"	100-3634
		1/2" (13 mm)	6.25"	4.2"	3/4"	105-1180
		5/8" (16 mm)	5.75"	3.8"	3/4"	104-0984
5/8" (16 mm)		6.25"	4.2"	3/4"	106-8943	
TINE HOLDERS	Spacing (lateral)		Mount Diameter			
	3-Tine	2.6" (6.8 cm)	3/4"			
	4-Tine	2.0" (5.1 cm)	3/4"			
	Mini-Tine		3/8"			
	Needle Tine					

* Specifications and design subject to change without notice.

The ProCore 648 is manufactured in Tomah, WI ISO 9002 Certified Plant.

