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SC252 Specs

General Dimensions and Weights		
Length	115"	292.1 cm
Width	35"	88.9 cm
Height	53"	134.62 cm
Overall Height Transport	53"	134.62 cm
Weight - Engine Option One	1040 lbs	471.74 kg
Weight With Dual Wheel Option (Additional)	14.5 lbs	6.53 kg
Width with Dual Wheel Option (Additional)	49.5"	125.73 cm
Sound Power	103 dB(a)	

Engine Option One		
Make and Model	Kohler Command	
Number of Cylinders	2	
Gross Horsepower (Maximum)	27 hp	20.13 kw
Torque (Max)	42.7 ft-lb	58.07 Nm
Fuel Tank Capacity	6 gal	22.71 L
Max Fuel Consumption	2.4 gph	9.08 lph
Fuel Type	Gas	
Air Cleaner	Dry type safety element and restriction indicator	
Oil Filter	Spin on	
Recommended Oil	10W30 Kohler	

Oil Volume with Filter	2 qt	1.89 L
Maximum Angle of Continuous Operation	21 deg	
Cooling Medium	Air	
Clutch Type	Electric clutch with brake	

Cutterwheel System		
Cutterwheel Diameter without Teeth	16"	40.64 cm
Cutterwheel Thickness	0.5"	1.27 cm
Cutterwheel Speed	1300 rpm	
Cutterwheel Straight Line Dimension	39"	99.06 cm
Cutterwheel Cut Above Ground	25"	63.5 cm
Cutterwheel Cut Below Ground	13"	33.02 cm
Tooth Description	Yellow Jacket Cutting System	
Number of Teeth	16	
Number of Indexes	2	
Number of Pockets	16	
Reversible Pockets	16	
Cutterwheel Guard	Standard	
Chip Containment	7.7 cu ft	0.23 cu m

Cutterwheel Drive Components		
Belt Type	Dual "A" Section	
Number of Primary Belts	1	
Jackshaft Dimension	1.5	
Jackshaft Bearing Type	Pillow block	

Bearing Dimensions	1.25 " (3.18 cm)	
Number of Secondary Belts	1	
Cutterwheel Shaft	1.5	

Hydraulic System		
Tank capacity	2.8 gal	10.61 L
Recommended Oil Type	Vermeer VMF	
System Type	Open	
Filtration Method	6 micron, full flow return; suction strainer	
Pump Flow at Maximum RPM	3 gpm	11.36 L/min
System relief pressure	1500 psi	103.42 bar
Flow Control	Standard	
Directional Control	Yes	
Oil Cooler	Yes	

Electrical System		
System Voltage	12	
Battery	405	
Standard Gauges	Hourmeter	
Warning Lights	Clutch and operator presense	
Switches	Clutch	
Controller	Vermeer ACS	
Shutdown System	Low engine oil pressure shutdown	

Chassis		
Frame Description	3 " x 3 " x 3/16 " (7.62 cm x 7.62 cm x 0.48 cm) Boom: 4 " x 4 " x 3/16 " (10.16 cm x 10.16 cm x 0.48 cm)	
Control Station Description	Fixed	

Toolbox Description	Standard	
Hitch Type	Adaptor for TLR-22, 25	
Steerable Axle Type	Manual	
Tires - Option One	5.70-8, optional duals	
Tires - Standard	5.7x8	
Tires - Floatation	5.7x8 Duals	

Other Options

Special Paint	Optional	
Extended Warranty	Optional	
Preventive Maintenance	Optional	

Operator Presence System

Visual Interface	Dual indicator lights for operator hand contact and cutterwheel engaged	
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