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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	

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

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

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

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

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

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

<b>Chassis</b>		
<b>Frame Description</b>	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)	
<b>Control Station Description</b>	Fixed	

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

### Other Options

<b>Special Paint</b>	Optional	
<b>Extended Warranty</b>	Optional	
<b>Preventive Maintenance</b>	Optional	

### Operator Presence System

<b>Visual Interface</b>	Dual indicator lights for operator hand contact and cutterwheel engaged	
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