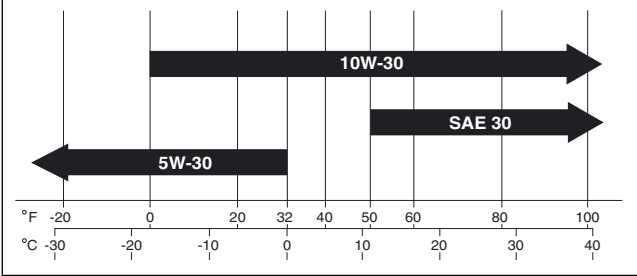


## Technical data

### Technical data

	Soff-Cut 150	Soff-Cut 150D
<b>Engine <sup>1</sup></b>		
Engine brand/ Type	Kohler/CH255	Kohler/CH255
Engine power, hp@rpm/kW@rpm <sup>2</sup>	5.5@3600/4.0@3600	5.5@3600/4.0@3600
<b>Fuel and lubrication system</b>		
Fuel tank capacity, gal/l	0.8/3.0	0.8/3.0
Oil system	Oil alert system with auto shut down sensor.	Oil alert system with auto shut down sensor.
Oil tank capacity, qt/l	0.63/0.6	0.63/0.6
Engine oil	<p>We recommend to use the engine brand oils for best performance. Other high-quality detergent oils, including synthetic, of API (American Petroleum Institute) service class SJ or higher are acceptable. Select viscosity based on air temperature at time of operation as shown in figure below.</p> 	
General grease	Husqvarna Multi Advance Grease 588814801 or equivalent	
Grease for spring loaded shafts in blade block	Lubriplate 630-AA NLGI#1 or equivalent	
<b>Weight and dimensions</b>		
With empty tanks, lbs/kg	82/37	95/43
With fuel, lbs/kg	88/40	101/46
<b>Saw blade</b>		
Blade type	Excel blades, dry cut with tri-arbor	ProEdge radius and beveled blades
Material	Green concrete only	Control joints on cured concrete only
Max. blade size, in/mm	6.5/165	6/152
Max. cut depth, in/mm	1.5/38.1	0.5/12.7

<sup>1</sup> For further information and questions about this specific engine, refer to the engine manual or the web site of the engine manufacturer.

<sup>2</sup> As specified by engine manufacturer. Gross power rating as per SAE J1940/J1995, at specified rpm.

	<b>Soff-Cut 150</b>	<b>Soff-Cut 150D</b>
Cutting distance from wall, in/mm	3/76	4 ½/114
Blade rotation	Counterclockwise, upcutting	Counterclockwise, upcutting
Blade shaft speed, rpm	4500	4500
Blade depth control	Manual	Manual
<b>Average cutting rate</b> <sup>3</sup>		
Soft aggregates, ft/min or m/min	12/3.7	
Medium aggregates, ft/min or m/min	8/2.4	
Hard aggregates, ft/min or m/min	4/1.2	
<b>Recommended dust extractors</b> <sup>4</sup>		
Min. Air flow m <sup>3</sup> /h or CFM	400 or 236	
Min. Vacuum, kPa/psi/	22/3.6	
Min. Water lift, in/m	90/2.3	
Dust extractor connection, mm/in.	2/50	

## Technical data

	<b>Soff-Cut 150</b>	<b>Soff-Cut 150D</b>
<b>Engine</b> <sup>5</sup>		
Engine brand/ Type	Honda/ GX160	
Engine power, hp@rpm/kW@rpm <sup>6</sup>	4.8@3600/3.6@3600	
<b>Fuel and lubrication system</b>		
Fuel tank capacity, gal/l	0.8/3.1	
Oil system	Oil alert system with auto shut down sensor.	
Oil tank capacity, qt/l	0.61/0.58	

<sup>3</sup> Estimate only. Speed will vary with job conditions and concrete mixes.

<sup>4</sup> Technical data for dust extractors are not conclusively describing actual performance over time between different dust extractors. For Husqvarna products OSHA objective data are available at [www.husqvarnacp.com/us/](http://www.husqvarnacp.com/us/).

<sup>5</sup> For further information and questions about this specific engine, refer to the engine manual or the web site of the engine manufacturer.

<sup>6</sup> As specified by engine manufacturer. Net power rating as per SAE J1349, at specified rpm.

	<b>Soff-Cut 150</b>	<b>Soff-Cut 150D</b>
Engine oil	<p>We recommend to use engine brand oils for best performance. Other high-quality detergent oils, including synthetic, of API (American Petroleum Institute) service class SJ or higher are acceptable. Select viscosity based on air temperature at time of operation as shown in figure below.</p>	
General grease	Husqvarna Multi Advance Grease 588814801 or equivalent	
Grease for spring loaded shafts in blade block	Lubriplate 630-AA NLG#1 or equivalent	
<b>Weight and dimensions</b>		
With empty tanks, lbs/kg	85/38.5	
With fuel, lbs/kg	90/41	
<b>Saw blade</b>		
Blade type	Excel blades, dry cut with tri-arbor	ProEdge radius and beveled blades
Material	Green concrete only	Control joints on cured concrete only
Max. blade size, in/mm	6.5/165	6/152
Max. cut depth, in/mm	1.5/38.1	0.5/12.7
Cutting distance from wall, in/mm	3/76	4 ½/114
Blade rotation	Counterclockwise, upcutting	Counterclockwise, upcutting
Blade shaft speed, rpm	4700	4700
Blade depth control	Manual	Manual
<b>Average cutting rate <sup>7</sup></b>		
Soft aggregates, ft/min or m/min	12/3.7	
Medium aggregates, ft/min or m/min	8/2.4	
Hard aggregates, ft/min or m/min	4/1.2	
<b>Recommended dust extractors <sup>8</sup></b>		
Min. Air flow m <sup>3</sup> /h or CFM	400 or 236	
Min. Vacuum, kPa/psi/	22/3.6	

<sup>7</sup> Estimate only. Speed will vary with job conditions and concrete mixes.

<sup>8</sup> Technical data for dust extractors are not conclusively describing actual performance over time between different dust extractors. For Husqvarna products OSHA objective data are available at [www.husqvarnaccp.com/us/](http://www.husqvarnaccp.com/us/).

	<b>Soff-Cut 150</b>	<b>Soff-Cut 150D</b>
Min. Water lift, in/m	90/2.3	
Dust extractor connection, mm/in.	2/50	