

# SG16B, SG18B

Stump Grinders for Skid Steer and Multi Terrain Loaders



*A hydraulically powered rotary cutter used to convert tree stumps into a mulch that can be incorporated into the soil.*

## Features

- Profile cutting head
- Swing cycle time
- Matched hydraulic performance
- Heavy duty, independently adjusted, pivoting feet stands
- Gerotor style motor
- Carbide tip teeth

## Benefits

- Visibility while cutting the stump face.
- Precise swing speed and control when cutting left to right.
- High productivity of stump removal and removed stalling.
- Provides a stable platform when grinding.
- High torque and efficient performance.
- Easy serviceability.

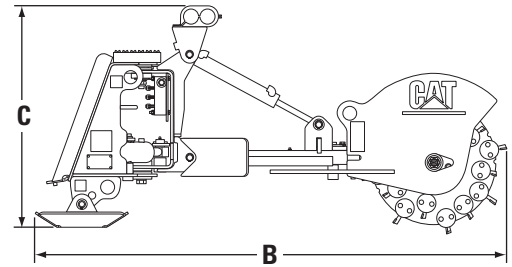
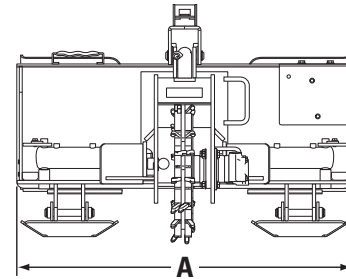
**CATERPILLAR®**

# SG16B, SG18B Stump Grinders

## Specifications and Dimensions

		SG16B	SG18B
<b>A</b> Overall Width	mm	1175	1175
<b>B</b> Overall Length	mm	1737	1737
<b>C</b> Overall Height	mm	730	813
Unit Weight	kg	379	400
Drive Method			
Gerotor Motor – Direct Drive			
Required Hydraulic Flow	L/min	42-83	95-114
Optimal Hydraulic Pressure	bar	145-227	207-310
Effective Displacement	cm <sup>3</sup>	80	100
Drive Shaft Torque at Max Pressure	Nm	295	469
Cutting Head Speed at Max Flow	rpm	993	1280
Cutting Wheel Width	mm	83	83
Cutting Wheel diameter	mm	550	550
Cutting Width (full swing range)	mm	1524	1524
Cutting Head Swing Range		70°	70°
Cutting Height (above ground)	mm	470	470
Cutting Height (below ground)	mm	521	521
Cutting Head Extension	mm	280	280
Fasteners		Cat	Cat
Hydraulic Hose	Cat	XT-3 ES	XT-3 ES
Ground Engaging Tools (GET)			
1/2 in square bolt-on carbide teeth			
Number of Carbide Teeth Per Cutting Wheel		32	32

Theoretical values calculated at 100% efficiency.



## Hydraulic Requirements

SG16B – Standard flow hydraulics and full electrics.

SG18B – High flow hydraulics and full electrics.

## Matching Guide

Grinders	Skid Steer Loaders	Multi Terrain Loaders
SG16B	216B, 226B, 232B, 236B, 242B, 246C, 256C, 262C, 272C	247B, 257B, 277C 287C, 297C
SG18B	226B, 242B, 246C, 256C, 262C, 272C	257B, 277C, 287C, 297C

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