

# Stump Grinder

for Skid Steer, Multi Terrain, Compact Track and Compact Wheel 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

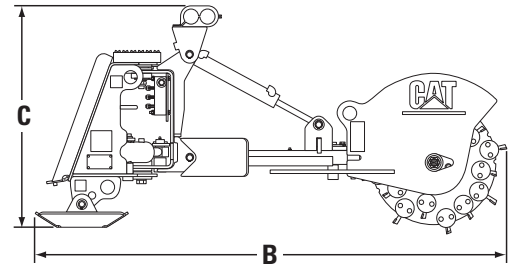
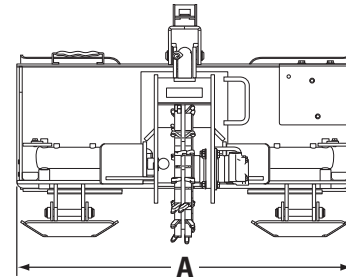
- Visibility while cutting the stump face.
- Precise swing speed and control when cutting left to right.
- High productivity of stump removal and removed stalling.
- Provides a stable platform when grinding.
- High torque and efficient performance.
- Easy serviceability.

# 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   | 95-125  |
| Optimal Hydraulic Pressure                | bar             | 145-235 | 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              | 547     | 547     |
| 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             | Compact Track Loaders | Compact Wheel Loaders |
|----------|---|-----------------------------------|-----------------------|-----------------------|
| SG16B    | 216B2, 226B2, 232B2,<br>236B2, 242B2,<br>246C, 256C, 262C, 272C | 247B2, 257B2,<br>277C, 287C, 297C | 279C, 289C, 299C      | 906H, 907H, 908H      |
| SG18B    | 226B2, 236B2, 242B2,<br>246C, 256C, 262C, 272C                  | 257B2,<br>277C, 287C, 297C        | 279C, 289C, 299C      |                       |

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