

# **FG22 DISC SAW FELLING HEAD**

S/N WCFG22X010001 – PRESENT

## **OPERATOR'S MANUAL FS22 DISC SAW FELLING HEAD OMF382269**

**CALIFORNIA  
Proposition 65 Warning**

**Diesel engine exhaust and some of its constituents  
are known to the State of California to cause cancer,  
birth defects and other reproductive harm.**

**Worldwide Construction and Forestry Division**

English

# Table of Contents

---

<b>Section</b>	<b>Description</b>
1	Introduction
2	Warranty
3	Safety Rules
4	Description
5	Operation
6	Lubrication and Maintenance
7	Hydraulic System
8	Electrical System
9	Troubleshooting
10	Specifications
11	Miscellaneous
12	Alphabetical Index

# Table of Contents

---

<b>1. Introduction</b>	<b>1-1</b>
1.1 Foreword	1-2
1.2 Customer Feedback	1-3
1.3 Model and Serial Number Record	1-4
1.4 Non-Approved Field Product Changes	1-5
<hr/>	
<b>2. Warranty</b>	<b>2-1</b>
2.1 Warranty Certificate	2-2
<hr/>	
<b>3. Safety Rules</b>	<b>3-2</b>
3.1 General	3-3
3.2 Safety Symbol	3-3
3.3 Understanding Signal Words	3-3
3.4 General Safety Precautions	3-4
3.5 Operating Safety Precautions	3-7
3.6 Servicing Safety Precautions	3-8
3.7 Fire Prevention	3-14
3.8 What to Do if the Equipment Catches Fire	3-15
<hr/>	
<b>4. Description</b>	<b>4-1</b>
4.1 Nomenclature	4-2
4.1.1 FG22 Felling Head Description	4-2
4.2 Decal Application	4-3
4.2.1 FG22 Felling Head Decal Location	4-3
4.3 Saw Drive Components	4-4
4.4 Saw Drive Description	4-5
4.5 Disc Saw Blade Description	4-6
4.5.1 Serial Number Location	4-6
4.5.2 Blade with Hardened Teeth	4-6

---

# Table of Contents

---

4.5.3 Blade with Curved Carbide Tipped Teeth .....	4-6
4.6 Disc Saw Blade & Tooth Data .....	4-7
<hr/>	
<b>5. Operation .....</b>	<b>5-1</b>
5.1 Basic Operation .....	5-2
5.1.1 Principle of Operation .....	5-2
5.1.2 Blade Feeding Speed .....	5-3
5.1.3 General Method of Operation .....	5-3
5.1.4 Stopping the Disc Saw Blade .....	5-4
5.2 Operating Instructions .....	5-5
5.2.1 Cutting Multiple Trees .....	5-5
5.2.2 Handling The Tree .....	5-7
<hr/>	
<b>6. Lubrication and Maintenance .....</b>	<b>6-1</b>
6.1 Maintenance Schedule .....	6-2
6.2 Maintenance Procedures .....	6-4
6.2.1 General .....	6-4
6.2.2 Tools Required .....	6-5
6.2.3 Bolt Torque Chart .....	6-6
6.2.4 Maintenance - First 8 Hours .....	6-7
6.2.5 Maintenance - Daily or (every 12 Hours of Operation) .....	6-15
6.2.6 Maintenance - First 24 Hours .....	6-16
6.2.7 Maintenance - 125 Hours .....	6-18
6.2.8 Maintenance - 250 Hours .....	6-20
6.3 Unscheduled Maintenance .....	6-21
6.3.1 Disc Saw Blade Inspection .....	6-21
6.3.2 Saw Tooth Replacement .....	6-23
6.3.3 Disc Saw Blade Removal .....	6-25
6.3.4 Disc Saw Blade Installation .....	6-28
6.3.5 Check All Hydraulic Hoses and Fittings .....	6-30
6.3.6 Disc Saw Blade Wear .....	6-30

---

# Table of Contents

---

6.4 Fluids and Lubricants .....	6-32
6.4.1 Recommended Hydraulic System Fluids .....	6-32
<hr/>	
<b>7. Hydraulic System .....</b>	<b>7-1</b>
7.1 Initial Pump & Motor Startup .....	7-2
7.2 Initial Saw Speed Adjustment .....	7-2
7.3 Initial Saw Circuit Begin of Stroke Adjustment & Pressure Setting .....	7-2
<hr/>	
<b>8. Electrical System .....</b>	<b>8-1</b>
8.1 Saw Speed Sensor .....	8-2
<hr/>	
<b>9. Troubleshooting .....</b>	<b>9-1</b>
9.1 Disc Saw Blade Stalling .....	9-2
9.1.1 Operator Technique .....	9-2
9.1.2 Disc Saw Blade Maintenance .....	9-2
9.1.3 Hydraulic .....	9-3
9.1.4 Can't Obtain Maximum Disc Saw Blade Speed .....	9-3
<hr/>	
<b>10. Specifications .....</b>	<b>10-1</b>
10.1 Dimensions .....	10-2
10.2 Specifications .....	10-3
10.2.1 General .....	10-3

---

# Table of Contents

---

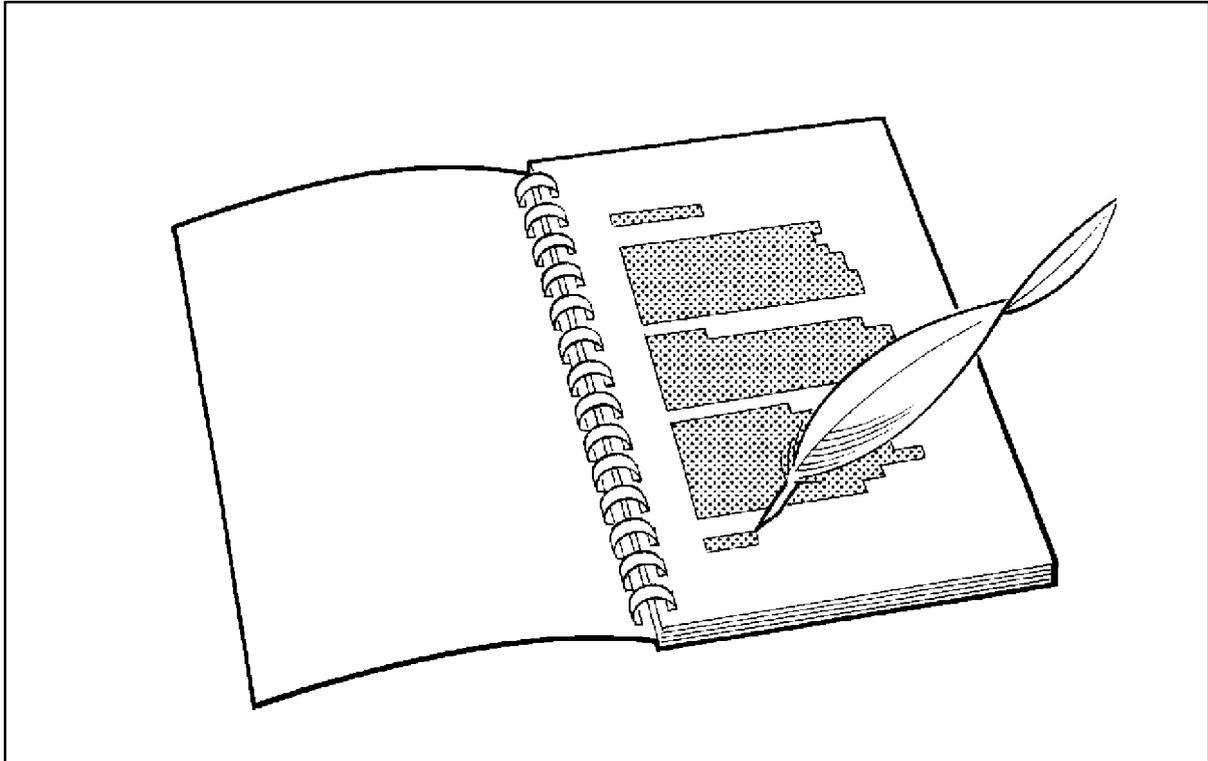
<b>11. Miscellaneous</b> .....	<b>11-1</b>
11.1 Measurement Conversions .....	11-2
11.1.1 Miscellaneous Conversions .....	11-3
11.1.2 Metric and Imperial Unit Expressions .....	11-3
11.2 Wood Measurement Equivalents .....	11-4
11.3 Weights of Commercially Important Woods .....	11-5
11.4 General Bolt Torque Values .....	11-6

---

# Table of Contents

---

# 1. Introduction



1.1 Foreword	1-2
1.2 Customer Feedback	1-3
1.3 Model and Serial Number Record	1-4
1.4 Non-Approved Field Product Changes	1-5

**Buy Now**



Our support email:

[ebooklibonline@outlook.com](mailto:ebooklibonline@outlook.com)