



Operation & Maintenance Manual

*Original Instructions
Keep this manual with machine at all times.*

Model TH255C

SN JK200150 to Present
SN JK300150 to Present

**31200746
SEBU9291-01**

*Revised
June 22, 2016*

TABLE OF CONTENTS

Revision Log

Read This First

Operator Qualifications	b
Modifications.....	b
Other Publications Available	d

Table of Contents

Section 1 - General Safety Practices

1.1 Hazard Classification System	1-1
Safety Alert System and Safety Signal Words.....	1-1
1.2 General Precautions	1-1
1.3 Operation Safety.....	1-2
Electrical Hazards	1-2
Tip Over Hazard	1-4
Travel Hazard.....	1-7
Load Falling Hazard	1-8
Lifting Personnel	1-9
Driving Hazards on Slopes.....	1-10
Pinch Points and Crush Hazards.....	1-11
Fall Hazard.....	1-13
Chemical Hazards	1-14
1.4 Product Link (if equipped)	1-15
Federal Communications Commission (FCC)	
Information for Users.....	1-15

Section 2 - Pre-Operation and Inspection

2.1 Pre-Operation Check and Inspection.....	2-1
2.2 Safety Decals	2-4
ANSI (if equipped).....	2-4
ISO (CE & AUS) (ANSI, if equipped)	2-7
2.3 Walk-Around Inspection	2-10
2.4 Warm-Up and Operational Checks	2-12
Warm-Up Check	2-12
Operational Check.....	2-12
2.5 Operator Cab.....	2-13
2.6 Windows	2-14
Cab Door Window (if equipped)	2-14
Rear Window	2-15

Table of Contents

Section 3 - Controls and Indicators

3.1	General.....	3-1
3.2	Controls	3-2
	Park Brake	3-4
	Parking Procedure.....	3-5
	Ignition	3-6
	Transmission Control Lever	3-7
	Load Stability Indicator - LSI (CE & AUS).....	3-8
	LSI Override Switch (CE & AUS).....	3-10
	Steering Column Adjuster (if equipped)	3-11
	Instrument Panel	3-12
	Joystick	3-14
	Right Hand Console.....	3-16
	Accessory Control Lever (if equipped).....	3-18
	Reversing Fan (if equipped).....	3-19
3.3	Steer Modes	3-20
	Steer Mode Change	3-20
3.4	Operator Seat	3-21
	Operator Presence (CE & AUS)	3-21
	Adjustments	3-22
	Seat Belt	3-23
3.5	Boom Angle and Extension Indicators	3-24
3.6	Reverse Sensing System	3-25

Section 4 - Operation

4.1	Engine	4-1
	Starting the Engine	4-1
	Cold Weather Starting	4-2
	Battery Boosted Starting.....	4-3
	Normal Engine Operation	4-4
	Shut-Down Procedure	4-4
4.2	Operating with a Non-Suspended Load.....	4-5
	Lift Load Safely	4-5
	Before Picking Up a Load.....	4-5
	Transporting a Load	4-6
	Leveling Procedure	4-6
	Placing a Load.....	4-7
	Disengaging a Load.....	4-7

4.3	Operating with a Suspended Load (ANSI & CE).....	4-8
	Lift Load Safely.....	4-8
	Picking Up a Suspended Load.....	4-8
	Transporting a Suspended Load	4-9
	Leveling Procedure	4-9
	Placing a Suspended Load	4-10
	Disengaging a Suspended Load	4-10
4.4	Road Operation (CE).....	4-11
4.5	Loading and Securing for Transport	4-12
	Tiedown.....	4-12
	Lifting	4-13

Section 5 - Attachments and Hitches

5.1	Approved Attachments.....	5-1
5.2	Unapproved Attachments	5-1
5.3	JLG Supplied Attachments.....	5-2
5.4	Telehandler/Attachment/Fork Capacity	5-4
5.5	Use of the Load Chart	5-5
	Capacity Indicator Locations	5-5
	Sample Load Chart (ANSI & CE)	5-6
	Sample Load Chart (AUS).....	5-7
	Example.....	5-8
5.6	Attachment Installation	5-9
	Standard Quick Coupler	5-9
	Universal Quick Coupler (UQC).....	5-12
5.7	Hydraulic Operated Attachment	5-14
5.8	Adjusting/Moving Forks	5-15
5.9	Attachment Operation	5-16
	Carriage with Forks	5-18
	Fork Mounted Hook (ANSI & CE)	5-19
	Rotate/Side Tilt Carriage	5-20
	Side Shift Carriage	5-22
	Bucket	5-24
	Multipurpose Bucket	5-26
	Grapple Bucket and Muck Fork Grapple.....	5-28
	Material Handling Arm (ANSI & CE).....	5-30
	Coupler Mounted Hook.....	5-31
5.10	Hitches.....	5-32
	Retrieval Hitch.....	5-32
	Adjustable Auto Hitch.....	5-33
	Pin Hitch - CUNA C.....	5-34
	EEC Manual Pin Hitch	5-35

Table of Contents

Section 6 - Emergency Procedures

6.1	Towing a Disabled Product	6-1
	Moving Short Distances	6-1
	Moving Longer Distances	6-1
6.2	Emergency Lowering of Boom	6-2
6.3	Emergency Exit from Enclosed Cab	6-3
	Inside Cab	6-3
	Outside Cab (if equipped)	6-3

Section 7 - Lubrication and Maintenance

7.1	Introduction	7-1
	Clothing and Safety Gear	7-1
7.2	General Maintenance Instructions	7-2
7.3	Service and Maintenance Schedule	7-3
	10 & 1st 50 & 50 Hour Maintenance Schedule	7-3
	1st 250, 250 & 500 Hour Maintenance Schedule	7-4
	1000 & 1500 Hour Maintenance Schedule	7-5
7.4	Lubrication Schedules	7-6
	250 Hour Lubrication Schedule	7-6
7.5	Operator Maintenance Instructions	7-8
	Fuel System	7-8
	Engine Oil	7-10
	Hydraulic Oil	7-11
	Tires	7-12
	Air Intake System	7-14
	Engine Cooling System	7-16
	Battery	7-17
	Brake System	7-18
	Windshield Washer System (if equipped)	7-19

Section 8 - Additional Checks

8.1	General	8-1
8.2	Load Stability Indicator System (CE & AUS)	8-1
8.3	Reverse Sensing System (if equipped)	8-2

Thank you so much for reading.
Please click the “Buy Now!”
button below to download the
complete manual.



After you pay.

You can download the most
perfect and complete manual in
the world immediately.

Our support email:

ebooklibonline@outlook.com