VIBRATORY
COMPACTORS
BCT13

Bobcat®

Operation And Maintenance Manual

S/N 491511050 & Above



Bobcat

Printed in U.S.A.

6902243 (11-02)

©Bobcat Company 2002

MidWestTech | Bobcat BCT13 Vibratory Compactors Operation And Maintenance Manual |... Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

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.

TITLE	SECTION
INTRODUCTION	1
Procedure When Receiving the Machine	2
Identification Data	2
Machine Identification	3
Engine Identification	3
General Information	4
Machine Description	4
Engine	4
Drums	5
Controls	5
Vibration System	5
Serviceability	5
SAFETY	1-1
Be Aware of Safety Information	1-1
Understand Signal Words	1-1
Overview	1-3
Warnings	1-3
General	1-4
Selection and Qualification of Personnel	1-4
Organizational Measures	1-5
Pre-Start Inspection	1-7

MidWestTech | Bobcat BCT13 Vibratory Compactors Operation And Maintenance Manual |... Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

TITLE	SECTION
SAFETY (CONTINUED)	
Safety Instructions Governing Operation	1-8
Starting	1-9
Operating	1-9
Stopping	1-10
Maintenance	1-10
Warning of Special Dangers	1-14
Transporting and Towing	
Recommissioning	1-15
Hazardous Substance Warning	1-17
Safety Related Decals	1-19
U.S. Decals	1-23
International Decals With Interpretation	1-26
SYMBOL IDENTIFICATION	2
International Machine Symbols	2-1
International Highway Symbols	2-2
OPERATING CONTROLS & INSTRUMENTS	3
Emergency Stop Switch	3-1
Indicator Light Cluster	3-1
Battery	3-1
Oil Pressure Indicator	3-4
Engine Coolant Temperature Indicator	3-4
Hydraulic Oil Temperature Indicator	3-5
Fuel Gauge	3-4
Ignition Switch	3-4
Hourmeter	3-5
Stop Bar Reset Switch	3-5
High/Low Idle Switch	3-5
High/Low Travel Switch	3-5

MidWestTech | Bobcat BCT13 Vibratory Compactors Operation And Maintenance Manual |... Order the manual at mid-west-tech.com >

TABLE OF CONTENTS

TITLE	SECTION
OPERATING CONTROLS & INSTRUMENTS (CONT'D.)	
Manual/Remote Selector Switch	3-5
Propulsion Switch	3-6
Propulsion Controls	3-6
Vibration Forward/Backward Switch	3-6
Stop Pushbutton	3-6
Travel Speed Selector Switch	3-7
Remote Engine Start Switch	3-7
Channel Hopping Switch	3-7
Transmitter On Pushbutton	3-7
Battery Indicator Diode	3-7
Stop Bar Reset Push Button	3-8
High/Low Idle Switch	3-8
Stop Bar	3-8
Parking Brake	3-9
OPERATING INSTRUCTIONS	4
General Information	4-1
Pre-Start Checks/Verifications	4-2
Starting the Machine	4-7
Operating the Machine	4-9
Stop Bar Reset Function	4-10
To Shutdown Compactor	4-11
Manual Controls	4-11
Parking Brake	4-12
Precautions After Work	4-13
Transporting the Machine	4-13
Loading the Machine Under Its own Power	4-13
Loading the Machine By Lifting the Equipment	4-14
Securing the Machine to Transporter	4-14

MidWestTech | Bobcat BCT13 Vibratory Compactors Operation And Maintenance Manual |... Order the manual at mid-west-tech.com >