



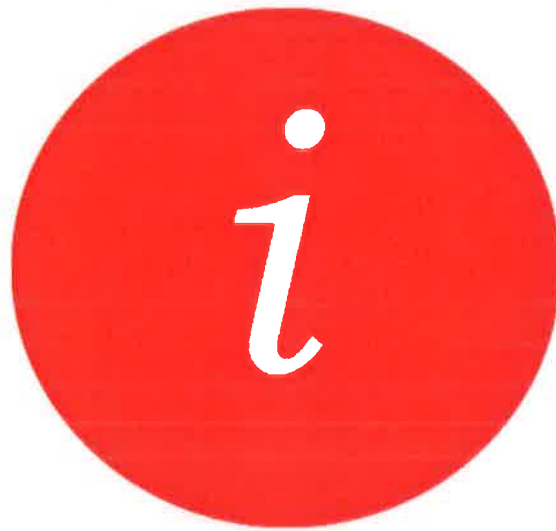
**akarmakina**

AKR 049 BUFFER USER MANUAL



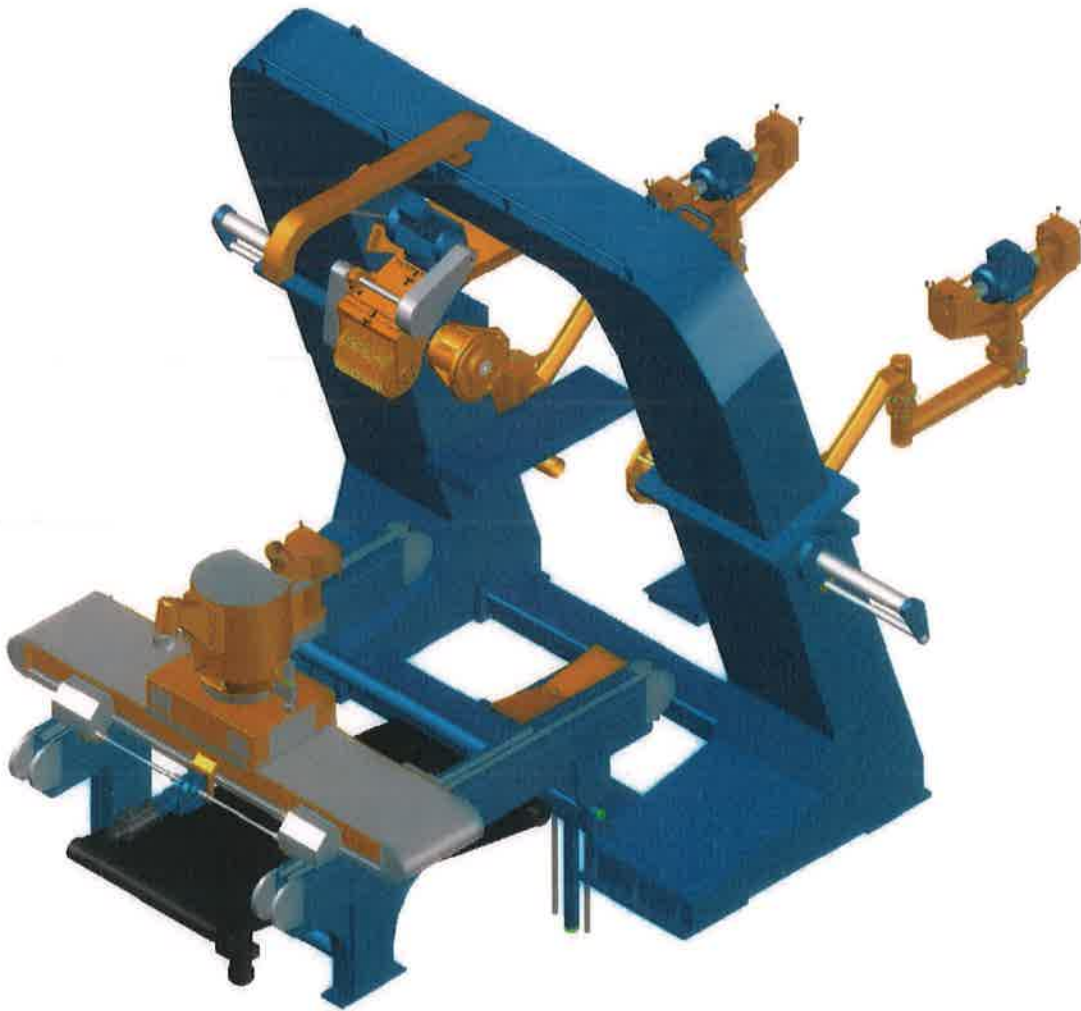
**AKR 049**

## INTRODUCTION



THIS MANUAL HAS TO BE READ CAREFULLY BEFORE USING THE MACHINE

This document is a necessary part of the machine and must be used with it. Company must work according to this book.



**Picture 1)** AKR 049

**This guide should be read before using the machine and during the usage period.**

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## **1- GENERAL STANDARDS AND CAUTIONS**

### **1.1 CAUTIONS**

This manual is for the AKR 049 Buffer and part of technical documents. It is advised that the information and suggestions in the document should be examined carefully.

### **1.2 SECTIONS**

This manual consists of thirteen parts:

- ◆ 1. General Standards and Cautions
- ◆ 2. General Information
- ◆ 3. General Safety Warnings and Symbols
- ◆ 4. Transportation and Assembly
- ◆ 5. Technical Information
- ◆ 6. Adjustment Before Operation
- ◆ 7. Conditions for Buffer to Operate
- ◆ 8. Operational Procedures
- ◆ 9. Maintenance
- ◆ 10. Spare Part List
- ◆ 11. Lubrication and Maintenance
- ◆ 12. Potential Defect Modes
- ◆ 13. Additions

## 2. GENERAL INFORMATION

### 2.1 The Purpose of the Machine

The purpose of the machine is to remove the oxidized rubber on carcass and create a clean surface. The dead segment on the carcass is removed to prepare the tire for new covering. This particular machine is specifically designed to execute the job.

### 2.2 Manufacturer Information

Manufacturer : AKAR MAKİNA SAN. TİC. LTD. ŞTİ.  
Address : Organize Sanayi Bölgesi 14.Cad. No: 8  
26110 Eskişehir / TÜRKİYE  
Tel : +90 222 236 17 00  
Fax : +90 222 236 17 02  
E-Mail : [info@akarmak.com.tr](mailto:info@akarmak.com.tr)  
Web : [www.akarmak.com.tr](http://www.akarmak.com.tr)

Akar was founded in 1990 for manufacturing marble cutting machines and serving the domestic clients in their custom-made manufacturing needs.

Since its establishment, the company has performed successful growth. Currently, we operate in the Eskişehir Industrial Zone with 4,000 sqm closed and 13,000 sqm opened area factory.

In the continuously changing world, our products meet high quality and safety standards. Akar holds ISO 9001:2000 quality standard and provide CE certificate with its machines.

### 2.3 Warranty Conditions

The machine is under 2 year warranty all around the world.

Akar purchases all the installed parts used on the machine with guarantee certificates and reflects the duration and condition of the certificates to the end users.

When the user of the machine does not obey the recommendations below, the manufacturer can not be held responsible for the performance, malfunction and safety of this machine and the service and spare-part warranty. The excluded warranty conditions of this machine are stated as follows.

- 1- Malfunctions and damaged equipments due to nonobedience of the safety warnings by the operator.
- 2- Electrical failures and wrongly replaced parts due to the conditions of the location where the machine is placed.
- 3- Failures and damages due to changing the design of the machine.
- 4- Failures and damages due to changing the machine's construction, electrical, pneumatical designs.
- 5- Replaced parts by non authorized personnel.
- 6- Failures and damages due to nonobedience of suggested lubrication periods.
- 7- Failures and damages due to inappropriate usage of oil and spare parts.
- 8- Failures and damages due to natural disasters such as fire, lightening, flood, earthquake etc.
- 9- Failures and damages by non authorized technical intervention by personnel other than that of AKAR Ltd.
- 10- Failures and damages due to wrong transportation and nonobedience of suggested lifting and transporting the machine.
- 11- Failures and damages due to inappropriate conditions in the storage area
- 12- Failures and damages due to wrong electrical and air connections during installation (lack of grounding, voltage changes, wrong compressor selection, lack of air etc)

## **2.4 Technical Service**

When the operator experiences any technical problems using the machine, he/she should contact the person responsible for the maintenance. The maintenance person should contact the manufacturer if necessary.

The operator may face difficulties and problems when using the machines. This user and maintenance manual intends to minimize any potential problems.

When the operator is unable to find a solution, he/she should get in touch with the manufacturer for a technical assistance.




## **2.5 Part Change**

Excluding the naturally worn-out parts, any malfunctioning parts stemming from the manufacturer failure are to be replaced when requested by the user.






### 3. GENERAL SAFETY WARNINGS AND SYMBOLS

#### 3.1 Symbols and Definitions

Symbols:

Symbol	Definition
	THIS SYMBOL COVERS WARNINGS ABOUT SAFETY. PLEASE READ THE NOTES CAREFULLY AND OBEY THE SUGGESTIONS BY THIS SYMBOL. IT COULD BE HARMFUL NOT TO FOLLOW THE RECOMMENDATIONS.
	THIS SYMBOL COVERS INFORMATION FOR EVERYONE INVOLVED IN THIS MACHINE. IT COVERS VALUABLE INFORMATION ABOUT THE MACHINE.
	THIS SYMBOL COVERS TECHNICAL INFORMATION FOR THE OPERATOR OF THE MACHINE. THE OPERATOR HAS TO READ THE NOTES CAREFULLY. FOLLOWING THE RECOMMENDATIONS GUARANTEES THE QUALITY USAGE OF THE MACHINE AND EXTEND THE ECONOMICAL LIFE OF THE MACHINE.

#### 3.2 The Symbols on the Machine:

Symbol	Definition
	THIS SYMBOL COVERS WARNINGS ABOUT THE ELECTRICAL ASPECTS OF THE MACHINE. THE SUGGESTIONS BY THE SYMBOL SHOULD BE FOLLOWED CAREFULLY.
	THIS SYMBOL SHOWS THE POINTS WHERE THE MACHINE SHOULD BE CARRIED / LIFTED.
	THE OPERATOR HAS TO WEAR HELMET WHEN THE SYMBOL IS SEEN.
	THE OPERATOR HAS TO WEAR PROTECTIVE GLOVES WHEN THE SYMBOL IS SEEN.
	THE OPERATOR HAS TO WEAR PROTECTIVE BOOTS WHEN THE SYMBOL IS SEEN.