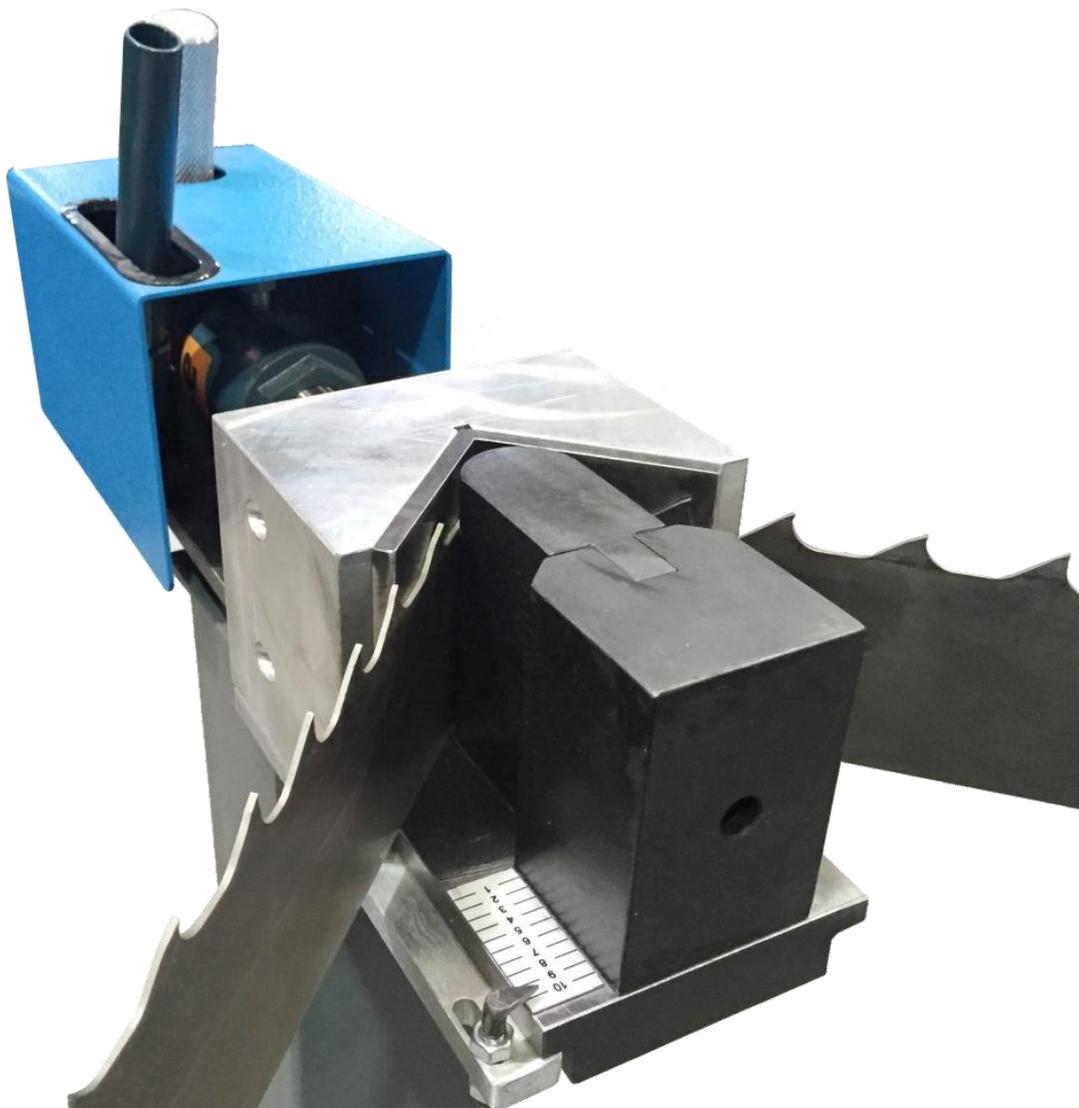




*Temelsan*<sup>®</sup>

## KRIKO BENDING TEST MACHINE USER MANUAL



Congratulation to your new TEMELSAN Bending Test Machine KRIKO

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## BASIC INFORMATIONS

This manual user guide is prepared to be useful in order to get familiar with the machine and the functions of the machine. By the help of this manual guide, the operator becomes a capable to use the machine in an optimal way in order to operationalize safely, ergonomically and properly.

This manual user guide allows the operators not to take risk, minimize the idle and repair time. It also helps to increase lifetime of the machine.

This manual user guide should be kept in a proper place and be accessible easily when needed. The local regulations included safety and environmental requirements must be followed in addition to the statements based on this manual user guide.

In case of an issue, complaint, request, demand on spare parts etc. please note the following information along with the below message

### **Concerning following Object:**

**Machine Model:** TEMELSAN KRIKO

**Mfg. year:** 2018

**Serial Number:** \_\_\_\_\_

## APPROPRIATE USE

The machine is designed to test the all dimensions of steel and band saw blades.

In the event of using the machine rather than described in which case the machine would be out of warranty situation of Temelsan.

## WARRANTY AND LIABILITY

In the event of involving a personal injury or physical damages are not covered by the warranty if the following events occur as below.

- Using the machine for a purpose rather than intended
- Technically, improper installation, start-up operation or maintenance of the machine
- In the act of using the machine while any of safety equipment is a broken or protective device inappropriately running.
- Insufficient control of abrasion parts
- Inappropriate repairs
- The catastrophic failures due to the action of foreign objects / Bodies and excessive force applied

## SAFETY

Below safety requirements must be applied without skipping anything and priority case to carry out.

## **QUALIFIED PERSONNEL**

Certain tasks must be carried out on the machine by a professional qualified personnel. Not third parties neither the children should be near the machine working area.

## **PLANNING AND SET-UP**

Planning, transportation, installation, programming, start-up, maintenance, repairs and other works must be done by qualified personnel. Authorized technician must check it also.

The following matters must be noted:

- Technical data and details concerning the permissible use of the machine and its accessories.
- General and specific local preparation and safety measures.
- Personal usage and the use of general safety equipment must be related the norms.
- Especially listed on this manual guide but specifically not listed in the operating instructions that has been explicitly forbidden. Such as a handicapped to use the machine is such cases it is necessary to contact the manufacturing company.

## **OPERATIONS**

Dangers hidden in disregards of safety regulations.

## **AREAS OF USAGE**

The testing machine of Temelsan KRIKO is used for any kind of steel bands and band saw blades or bi-metal or carbide tipped band saw blades.

The testing capacity for Band Saw Blades is from minimum 6x0.65mm up to a maximum 100 x1.60mm. The machine is capable to test all kinds of band saw blades which are called carbon, wood, bi-metal, CT Work.

The machine don't need to be assembled. It's coming by own desk.

The machine can be set-up by the customer's own staff if officially approved by Temelsan.

Please read the following sections thoroughly and carefully before the initial start-up and ensure that you clearly understand it.

## **MAINTENANCE**

In order to insure a safe operation on the machine and prevent accidents, the job listed in the section "Servicing" must be carried out regularly. If the owner of machine is not in a position to do that also must be arranged by an authorized service agent.

**WARNING!**

Only suitably qualified personnel must service the machine!

**ATTENTION!**

Note the following at emergent cases ( explosions, breakage):

- Unscrew the piston valve

**SAFETY MEASURED RELATED WITH THE MACHINE****WEAR PROTECTIVE GLASSES!**

On testing procedure in case of brake spark can damage your eyes.

**WEAR GLOVES!**

The sharp edges of the blades can cause hand injuries.

**REQUIREMENTS OF WORKING PLACE**

- Flat and smooth ground
- Required big enough area around the machine
- Environmental conditions

**FIRST INSTALLATION AND ADJUSTMENTS**

Authorized professionals, who must read this user guide, must do first installation and

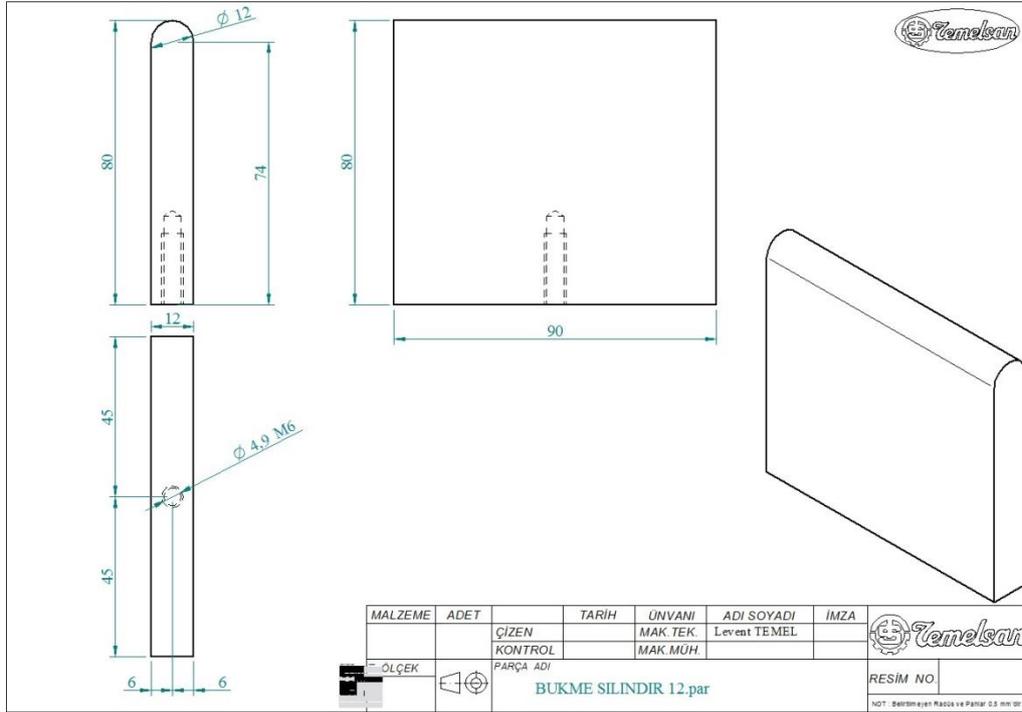
TEMELSAN MAKİNA SAN. VE TİC. LTD. ŞTİ.

Akçaburgaz Mah. Muhsin Yazıcıoğlu Cad. No:55/1 Esenyurt / İstanbul / TÜRKİYE

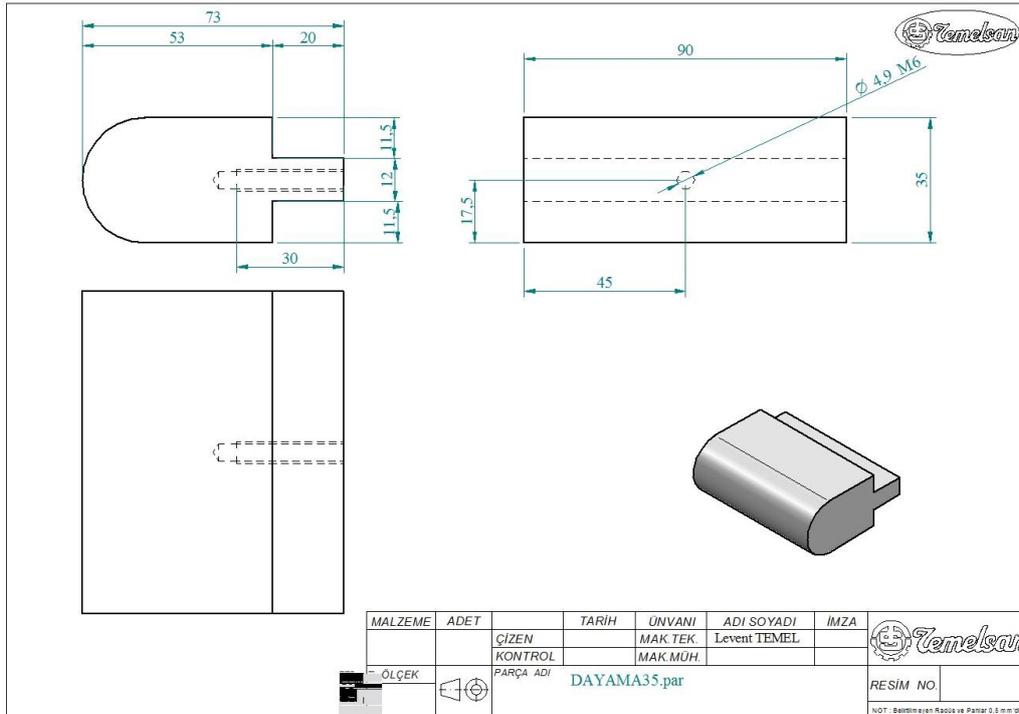
TEL: +90 (212) 544-2518 FAX: +90 (212) 577-6557 [www.temelsan.com](http://www.temelsan.com) [temelsan@temelsan.com](mailto:temelsan@temelsan.com)

adjustments. In case of questions, is an immediately contact with manufacturer/supplier required. There is two another dimensioned Bending Blades on the machine.

### 1- Blade Nr. 1 – until 27mm band saw dimension testes



### 2- Blade Nr. 2 – from 34mm band saw to up dimensions testes



## OPERATION STEPS

- 1- Turn on counterclockwise the “CLAMP-BACK OFF HANDLE”

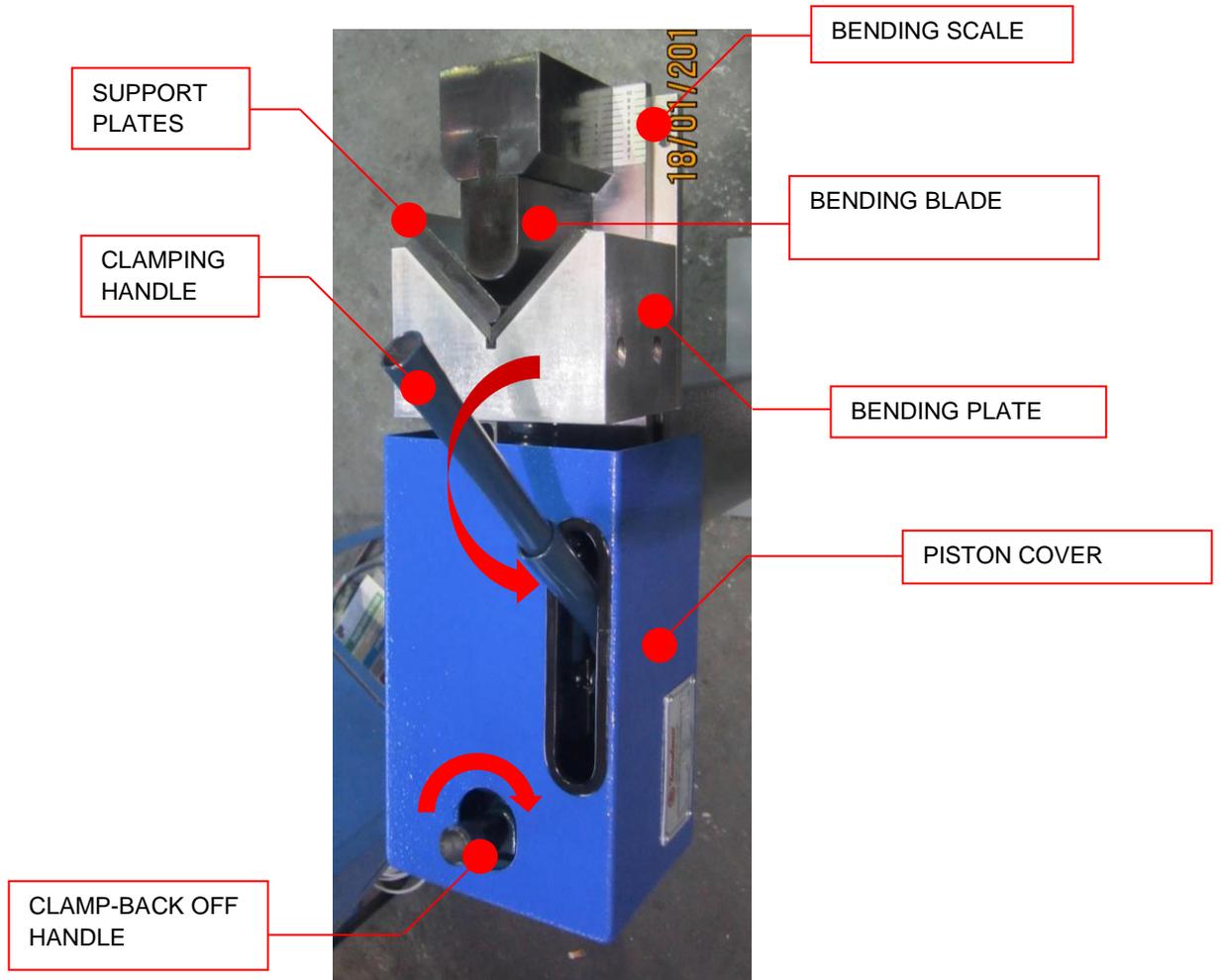
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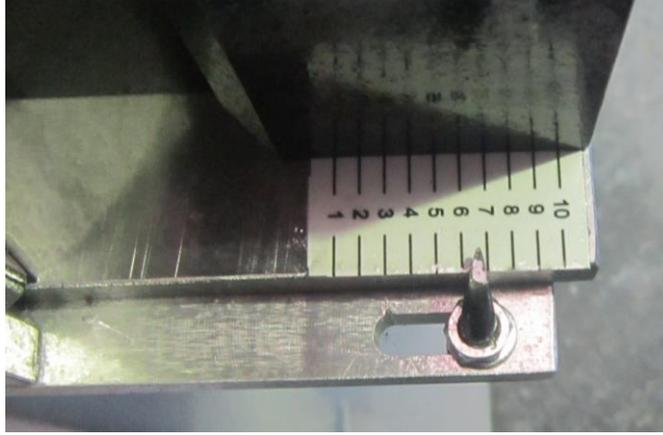
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- 2- Slide “**BENDING PLATE**” to back
- 3- Turn on clockwise the “**CLAMP-BACK OFF HANDLE**”
- 4- Replace blade on tester (teeth should look to up)
- 5- Pull the “**CLAMPING HANDLE**” several time
- 6- Check the “**BANDING SCALE**”
- 7- Turn on counterclockwise the “**CLAMP-BACK OFF HANDLE**”
- 8- Slide “**BENDING PLATE**” to back
- 9- Remove the blade from tester and note the scale value on band saw
- 10- Operation is over

## EQUIPMENTS



## BENDING SCALE VALUE DESCRIPTION



### SCALE VALUES;

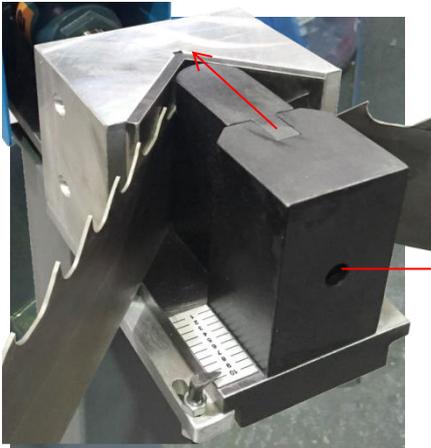
- 1...5 - BAD WELDING
- 5...6 - NORMAL QUALITY WELDING
- 6...10 - HIGH QUALITY WELDING

## SERVICING OF BENDING TESTER

### HOW TO CHANGE BENDING BLADES

Bending Blades has to be changed by band saw dimension as it's explained on top.

For changing the blade please unscrew it fist as its showed on below picture.



Remove the blade and replace the other dimension that is needed then screw it back

## HOW TO CHANGE OR SERVICE SUPPORT PLATES

There is two of support plates for bending the bands on machine. After long time of using the support plates can be lose the regular shape because of tooth of band saw blades. In this case to have more proper testing you have to grind or change the support plates.

You can unscrew those screws to remove support plates then you can do an operation what you prefer (changing or grinding) and replace it on same place to screwing those screws.

