



Temelsan[®]

TWISTER TEST MACHINE USER MANUAL



Congratulation to your new TEMELSAN Twisting Test Machine TWISTER

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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 TWISTER

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 TWISTER 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 27x1.10mm. 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 AND SERVICING

Temelsan will supply the necessary spare parts or consumables in case of mal-function or maintenance as soon as the customer informs.

**WARNING!**

Only suitably qualified personnel must service the machine!

ATTENTION!

Note the following at emergent cases (breakage):

- Pull up the idling handle

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 adjustments. In case of questions, is an immediately contact with manufacturer/supplier required.

OPERATION STEPS

- 1- Cut your band saw to 680mm max. to get ready for test
- 2- Unscrew the screw on **"FIRST CONNECTION POINT"**
- 3- Place the band saw in the line and screw it
- 4- Unscrew the screw on **"SECOND CONNECTION POINT"**
- 5- Place the band saw in the line and screw it
- 6- Unscrew a little **"FIRST CONNECTION POINT"** and screw it hardly again
- 7- Turn the **"TEST ARM"** on counterclockwise direction minimum 2 tours
- 8- Pull up the **"IDLING HANDLE"** to idling the tester
- 9- Unscrew those screws on connection points
- 10- Remove the blade from tester and note your value on band saw
- 11- Operation is over

EQUIPMENTS

