



Welding table SLOT-MAX



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1. INTRODUCTION

This user manual is intended for the users of the **SLOT-MAX** device. Its purpose is to provide the users with instructions on the use, assembly, commissioning, and operation of the device.

NOTE



Carefully read this manual before installing the device at the workplace and using it.



Due to the continuous improvement of its products, the manufacturer reserves the right to introduce construction changes to increase the utility values and safety of use.

The design of the **SLOT-MAX** device takes into account the current state of knowledge and the level of technology and ensures safety during use.

2. APPLICATION

The welding table type **SLOT-MAX** is intended primarily for positioning and locking elements undergoing the process of bonding, but also for grinding and various types of assembly.

The **SLOT-MAX** welding table can work with a filtering device used to clean the air from pollutants from the emission source, such as **BIG** and **UFO-S** devices. To select the appropriate type of device, contact the manufacturer of **KLIMAWENT S.A.**

3. MANUFACTURER'S DISCLAIMER

! CAUTION



Unauthorized modifications to the device are not allowed, including additional elements installed on the device that are not part of the device or additional equipment.



Protect the device from mechanical damage to all parts of the device.

- A. Do not allow shock loads that may cause the rails to break or destroy.
- B. Do not allow the rails to overheat, which may cause a crack as a result of temperature shock.



The manufacturer is not responsible for injuries resulting from improper use.



Before assembling the device, check the load capacity of the structural elements to which it will be attached. Improper, careless or unstable attachment of the device can lead to damage to the device and will also pose a real risk to people in the vicinity.

4. TECHNICAL DATA

Table 1 Technical data of table type SLOT-MAX

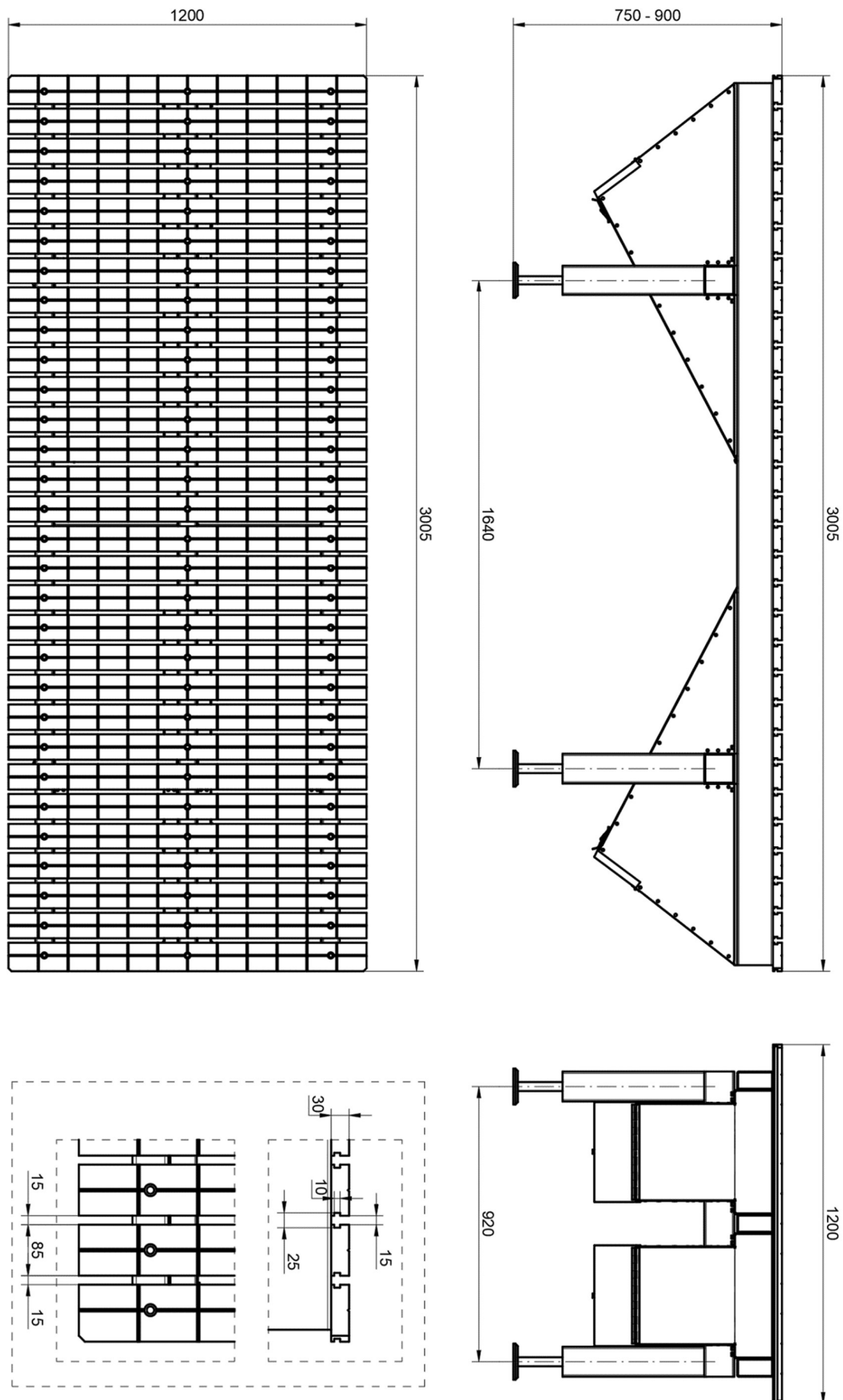
Parameters		
Part number		813S17
Table dimensions	Height	750 – 900 mm
	Width	1200 mm
	Length	3005 mm
The load capacity of the table		3000 kgf
Rails	H×W×L	60×170×1200 mm
	Material	Grey cast iron
Table weight (without tools)		960 kg
Maximum rail load		1500 kgf

! WARNING



When fixing heavy structures, check the maximum pressures at the support point on the table. Maximum table load capacity – 3000 kgf, the load capacity of one rail – 1500 kgf.

4.1. Dimensions



Picture 1 Welding table SLOT-MAX

5. STRUCTURE

5.1. Installation of rail tools

The basic equipment of the welding table is (see **Picture 1**):

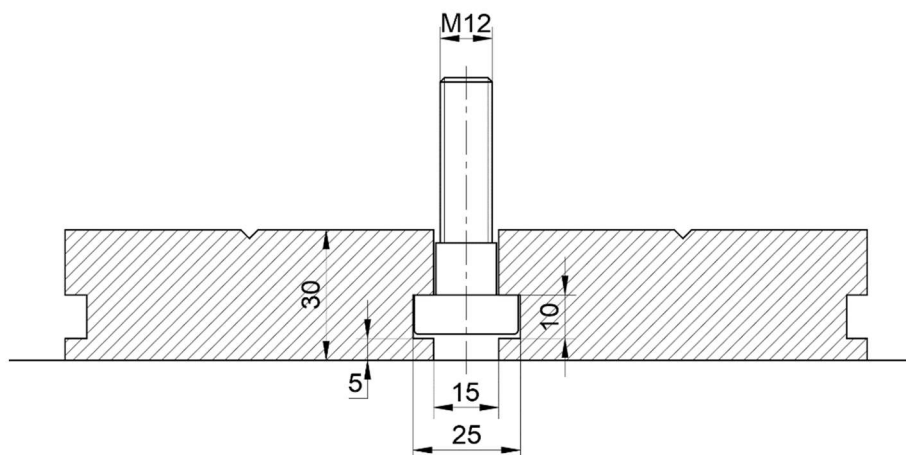
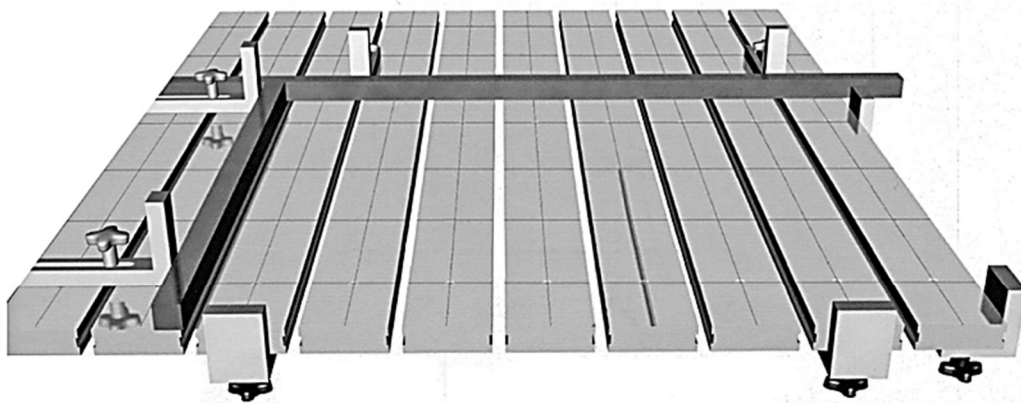
- Support frame and 4 adjustable legs.
- A working grate consisting of 30 pcs of cast-iron rails,
- 4 chutes.

! CAUTION



The maximum permissible load of 1 rail is **1500 kgf!**

- The rails are made of **grey cast** iron which makes the welding spatter poorly stick to the surface.
- The rails have a slotted mounting system based on the principle of moving blocks. Thanks to this method of fastening the components, welding work can be carried out precisely and quickly – see **Picture 2**.
- Mounting the tools involves slipping the element into the appropriate slot and locking it in the desired position on the table.
- Tool mounting slots should be systematically cleaned to prevent tool locking.








Picture 2 The principle of fixing tools to the rails

5.2. Accessories







Table 2 Mounting brackets







Type	Part no.	Description
	CA-1¹⁾ 2010	808U13 clamping arm on the column Ø30x150 mm
	FC-1 2040	808U14 flat clamp protrusion 200 mm maximum terminal height 100 mm
	CJ 2041	808U15 clamping jaws protrusion 70 mm maximum clamping range 60 mm
	QR 2042	808U16 quick release clamp with flat mount
	HC-1¹⁾ 2043	808U17 horizontal clamp without column
	HC-2 2044	808U18 horizontal clamp with two columns Ø30x350 mm
	CA-2¹⁾ 2050	808U19 clamping arm per column Ø50 mm
	SA¹⁾ 2051	808U20 support arm for column Ø50 mm
	FC-2 3030	808U21 flange clamp and clamping tower Ø50x600 mm
	CC-1 2020	808U22 terminal column Ø30x150 mm
	CC-2 2021	808U23 clamping column Ø30x350

Type	Part no.	Description
	CC-3 2022	808U24 clamping column Ø30x550
	CT-1 2052	808U25 clamping tower Ø50x300 mm
	CT-2 2053	808U26 clamping tower Ø50x600 mm
	CT-3 2054	808U27 clamping tower Ø50x900 mm
	CT-4 2055	808U28 clamping tower Ø50x1200 mm

1) Works with columns and towers of type **CC** and **CT**

Table 3 Stoppers and angles

Type	Part no.	Description
	ES-1 3010	808U01 edge mount height: 70 mm
	ES-2 3011	808U02 edge mount height: 200 mm
	FS 3012	808U03 flat mount height: 70 mm
	FSA-1 3017	808U04 four-sided angle height: 100 mm
	FSA-2 3018	808U05 four-sided angle height: 300 mm
	AA 3019	808U06 angle adjustment 350x350 mm

Type	Part no.	Description	
	TS-1 3013	808U07	angle 100x170 mm
	TS-2 3014	808U08	angle 170x170 mm
	TS-3 3015	808U09	angle 600x350 mm
	TS-4 3016	808U10	angle 1000x350
	VB-1 3020	808U11	V-block support 120° diameter Ø60 mm
	VB-2 3021	808U12	V-block support 120° diameter Ø100 mm

6. INSTALLATION

- A. The table is designed to work in a room sheltered from the influence of atmospheric precipitation.
- B. The table must be positioned to allow access to chutes (dust containers).
- C. The table should be levelled with screw-in legs.

7. MAINTENANCE

7.1. Maintenance

- A. The table should be regularly cleaned of accumulated dirt, especially rails and slots for mounting devices, preventing them from blocking.
- B. Systematically empty chutes from accumulated impurities.
- C. In case of damage to rails or other elements of the table, please contact the manufacturer **KLIMAWENT S.A.**

8. OVH INSTRUCTION

! UWAGA



Start-up and operation of the device may only take place after reading these instructions. The device is not dangerous if it is handled according to this manual!



CAUTION 1: Heavy parts. Be careful when retooling the table, changing the rails and general maintenance. Use protective clothing.

CAUTION 2: The weight of 1 rail is 23 kg. Grasp it with both hands.

9. STORAGE

The device should be stored in transport or another packaging that protects against rainfall and moisture.

10. TERMS OF WARRANTY

The warranty period is specified in **the Warranty Card of the device**.

The warranty does not cover:

- mechanical and electrical damage to the device at fault by the user,
- damage resulting from misuse or non-compliance with this user's manual,
- damage caused by improper transport, storage or improper maintenance.

! CAUTION



Non-compliance with point 3 “MANUFACTURER'S DISCLAIMER” of this manual, especially the unauthorized modification of the device or its improper use will void the warranty!

11. RESIDUAL RISK INFORMATION

! WARNING

HAZARDOUS MATERIALS AND SUBSTANCES



The device itself is not a source of dust emission, but due to its intended use, the dust accumulates inside, on internal surfaces as well as on a chute. Each emptying and cleaning brings the user into contact with potentially harmful process dust.

Be careful when servicing! Wear dust masks and safety glasses!

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