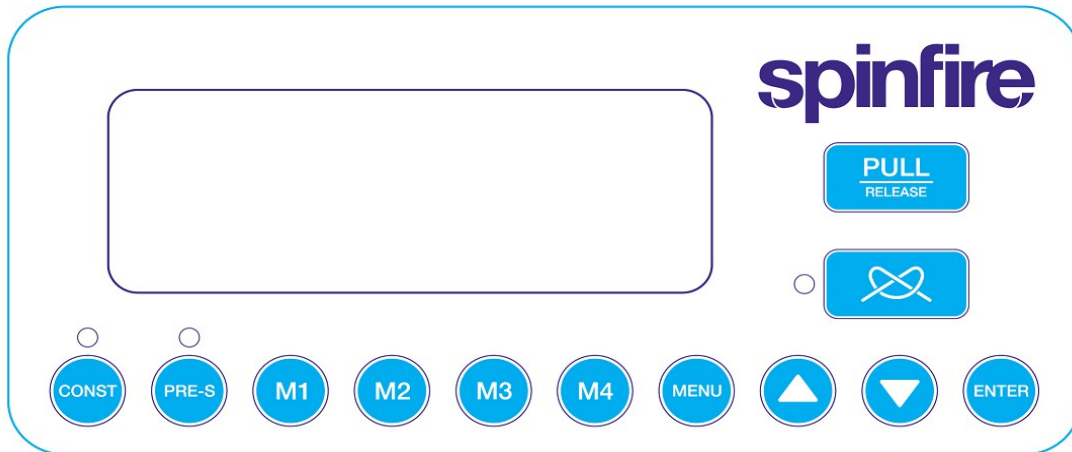# SPINFIRE LAVA
STRINGING MACHINE
CONTROL PANEL MANUAL

CONST: Press this button to pull a string constantly at a certain tension, if you do not want to use this feature, you can simply turn it off by pressing it again.

Please note we suggest you keep this on if you are unsure.

PRE-S: Press this button to add extra pull on a string when pulling at a set tension. You can set it at 10%, 15%, 20% or 25%. For example, when you set the tension at 60lbs and turn on the **PRE-S** at 10%, the machine will start by pulling 66lbs before coming to rest at 60lbs. To adjust the percentage of pre-stretch that you want, you need to press **PRE-S** and the **UP** or **DOWN** button. If you do not want to use this feature, you can simply turn it off by pressing it again.

M1 M2 M3 M4: You can save 4 tensions in these memory buttons. Once you have the tension set, simply hold down one of these 4 buttons for 2-3 seconds until it saves your setting. You can then recall that tension when needed in future.

MENU: To adjust the *unit (lbs or kg)*, s*peed*, s*ound* or *knot* you need to press the **MENU** button to get started. Once pressed, you can move between the 4 top menu items by using the **UP** and **DOWN** buttons. You can adjust the settings of each item by pressing the **ENTER** button, then use the **UP** and **DOWN** buttons to select a setting you need. Once you've made your

selection, simply press **ENTER** to save the setting. When you have finished making your adjustments, press the **MENU** button again to complete your selection.

In the menu:
UNIT: KG / LB determines which unit of measurement you prefer to work ing.
SPEED: 1 / 2 / 3 refers to the pulling speed, 1 is the slowest and 3 is the fastest.
SOUND: 1 / 2 / 3 relates to the beeping volume. 1 is mute, 2 is low & 3 is high.
TIE_PRE: 5%, 10%, 15%, 20%, 25% refers to the knot function. This is used when pulling the last string before a knot, to give it extra tension, compensating for the loss creating when tying the knot. For example, when you set a tension of 60lbs and turn on the *TIE_PRE* at 20%, the machine will pull the string at 72lbs for that string.

Please note: you cannot go to the **MENU** if the gripper is not in the starting position.

UP:	Press this button to increase tension by 0.1lbs/kg. When you hold this button, the tension will increase by 1lbs/kg.
DOWN:	Press this button to decrease tension by 0.1lbs/kg, when you hold this button, the tension will decrease by 1lbs/kg.
ENTER:	Press this button to start and finish the settings of menu items.
KNOT:	Press this button to turn on the knot feature.
	Please note this optional feature is only used for the last string before tying a knot. You need to enter the MENU area to see what percentage has been set for TIE_PRE. Even though the **CONST** light will turn off, you can be assured that constant pull is still active when the knot function is working.
PULL: **RELEASE**	Press this button to activate the pull mechanism.