

**pro's pro®**

## CHALLENGER X STRINGING MACHINE



## MANUAL

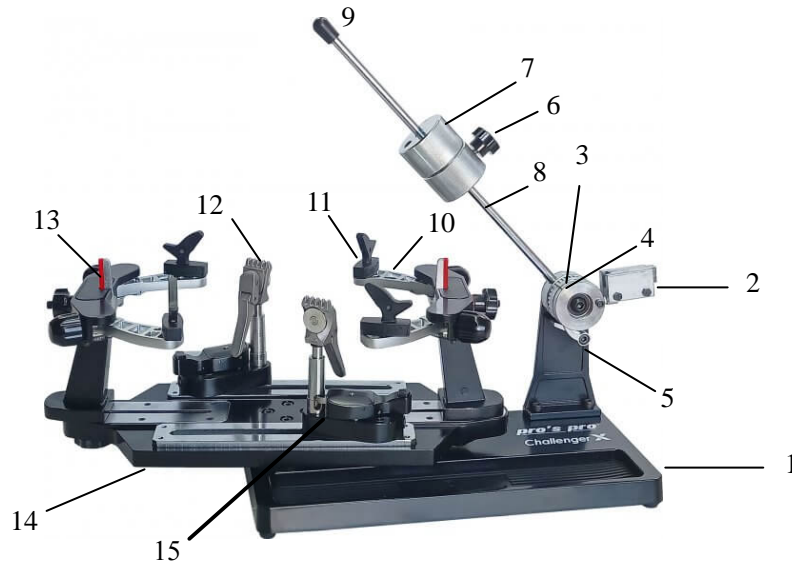
Installation & Operation

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## PRO'S PRO<sup>®</sup> — CHALLENGER X

### • Description of Parts



- 1) Machine Base
- 2) Liner String Gripper
- 3) Tension Bar Drum
- 4) Ratchet System with clutch
- 5) Latch
- 6) Drop Weight Knob
- 7) Drop Weight
- 8) Tension Bar
- 9) Tension Bar End Cap
- 10) Side support arm
- 11) Angled Support
- 12) String Clamp
- 13) Frame Support
- 14) Mounting Table
- 15) Swivel Base

### 1. Assembly Instruction

**Step 1:** After opening the box, remove the installation and operation manual.

**Step 2:** Rotate the mounting table and lift the tension bar.



**Step 3:** Take the drop weight knob and insert into the hole of drop weight.



**Step 5:**

**Step 6:** Take the 5m/m l-shaped wrench to adjust the screw for appropriate position. Do not position the screw on the tension bar sticker.



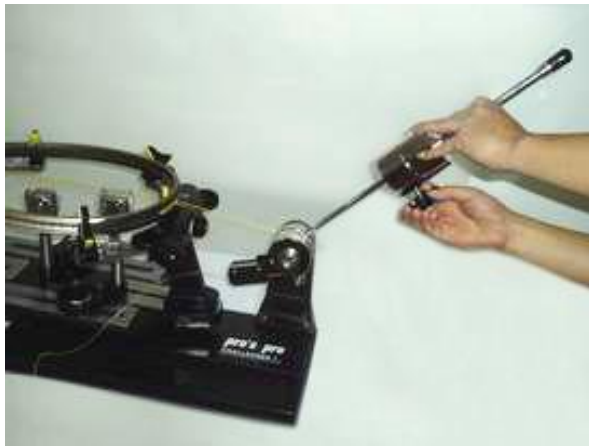
## 2. Stringing the frame



**Step 1:** Insert the angle frame supports into the appropriate slots located on the end of the mounting arms. The two slots are designed to accommodate most racquets.



**Step 2:** Make adjustments by turning the fine adjustment knobs. The fit should be snug. Turn the mounting arm adjustment knobs so that the angled frame supports fit up against the frame. The fit should be snug, but use caution. NOTE: Over-tightening can cause premature stress on the frame.



**Step 3:** Correct the location of the knob and drop weight.



**Step 5:** After the tension bar is in horizontal position the string is pulled with the right tension. Secure the string with the clamp. Then push the latch downward and move the tension bar upward to be able to release the string from the string gripper. Attention: if you do not push down the latch it is impossible to release the string.

### 3. Clamp base adjustment



Locate the black cap on the backside of the black base. Carefully pull it off.



Turn the swivel base so that the outer port is aligned with the inner port. Take the 3m/m I-shaped wrench and insert into the internal adjustment screw. Turn clockwise to increase tension. The ideal locking position for the lever should be down the center of the swivel base

## 4. Preparation of Stringing



To clamp the string, squeeze the toggle to close.

To release the string, pull the toggle to open



loosen, turn the dial counter-  
NOTE: Before stringing a racquet, the tension on the string clamp has to be adjusted in accordance with the type of string gauge being used. If the string is of a thin gauge (16L 17 18) then the string clamp may need to be tightened. If the string gauge is thick (15 15L 16) then the string clamp may need to be loosened.