

pro's pro®

CHALLENGER
STRINGING MACHINE



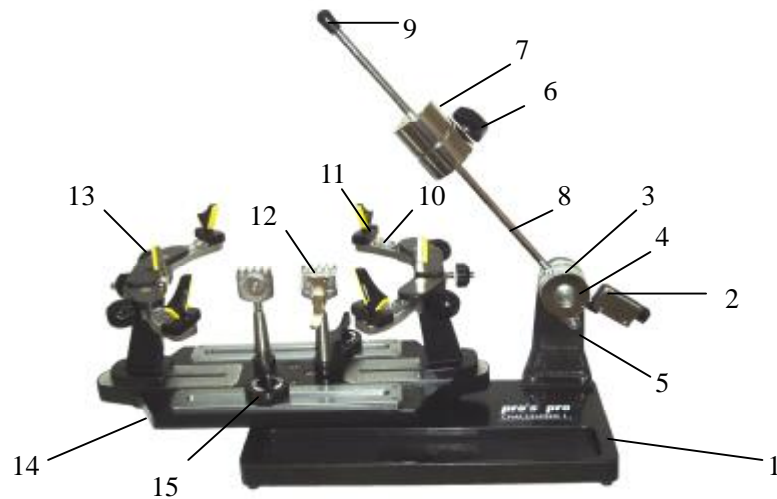
MANUAL
Installation & Operation

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PRO'S PRO® —CHALLENGER

• Description of Parts



- | | |
|-------------------------------|-----------------------------|
| 1) Machine Base | 14) Mounting Table |
| 2) Liner String Gripper | 15) Swivel Base |
| 3) Tension Bar Drum | 16) 3.0 m/m l-shaped wrench |
| 4) Ratchet System with clutch | 17) 4.0 m/m l-shaped wrench |
| 5) Latch | 18) 5.0 m/m l-shaped wrench |
| 6) Drop Weight Knob | 19) 6.0 m/m l-shaped wrench |
| 7) Drop Weight | 20) Long Nose Pliers |
| 8) Tension Bar | 21) Diagonal Cutting Pliers |
| 9) Tension Bar End Cap | |
| 10) Side support arm | |
| 11) Angled Support | |
| 12) String Clamp | |
| 13) Frame Support | |

1. Assembly Instruction

Step 1: After opening the box, remove the installation and operation manual. The angled support (8), The string clamp (9), Four L-Shaped wrenches, Long nose pliers(17) and diagonal cutting pliers. Remove the foam box, Remove the machine from the foam box .



Step 2: Take the 4m/m l-shaped wrenches and insert into the internal adjustment screw.

Step 3: Rotate the mounting table and lift the tension bar.



Step 4: 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.



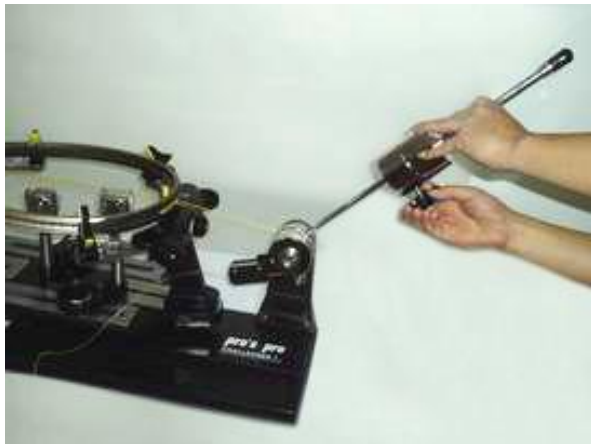
2. Stringing the frame



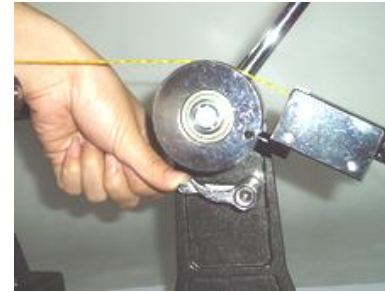
Step 1: Insert the angle frame supports into the appropriate slots located on the end of the mounting arms. The two slots are designed to accommodate most racquets.



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 l-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



To tighten, turn the dial clockwise. To loosen, turn the dial counter-clockwise. 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.