

# FeatherDUO Featherboard



## OWNERS MANUAL:

Bow Products FeatherDUO is designed for use with Woodworking Machinery. This manual shows proper assembly, set up and application.

**⚠ WARNING:** When using Electric Power Tools with the FeatherDUO, be sure to understand and adhere to the tool manufacturer's instructions including the safety precautions contained herein to avoid possibility of fire, Electric Shock or Personal injury. Read and understand all instructions before using this product. If you have concerns, confusion or questions, stop and call us Toll Free at: 844.895.4488

**⚠ WARNING:** When using the FeatherDUO, be sure to adhere to the following general Safety guidelines. Failure to do so can result in serious injury or loss of limb or loss of life.

- Always ensure Power to the Machine Tool is shut off until the FeatherDUO and workpiece are set up, positioned clear of the cutting blade and are ready for infeed.
- Always ensure there is clearance for the workpiece to feed through the blade.
- ALWAYS finish the cut with Push Stick. Keep your hands clear of the blade.
- When done with cut, ALWAYS turn the Machine Tool off before removing the FeatherDUO from the Miter Slot.

### **FeatherDUO Assembly:**

1. Ultralight Feathers (#7) come inserted into the Plastic base (#1)
2. Feed screws (#6) through Miter Slot Inserts (#3).
3. Feed screws through the slots of the FeatherPRO base (#1).
4. Feed screws through the Risers (#10). Position the risers over the bottom plastic body (#1) with the widest pins down. Narrower pins go through the top plastic body (#1).
5. Feed screws through the washers (#5) (Note: Washers prevent damage to the knob and Plastic base).
6. Screw into the knobs (#2). Only tighten when setting into the miter slot.

Note: When assembling individual FeatherPRO, assembly is the same minus the Risers, Extra plastic body and using shorter screws.

Four 1/4"-20 by 1 3/4" T bolts (#9) supplied for using two individual FeatherPRO with standard T-slot. Additional hardware is provided when using as two individual FeatherPRO units: Four short screws (#4), two miter slot inserts (#3) two washers (#5) and two knobs (#2).

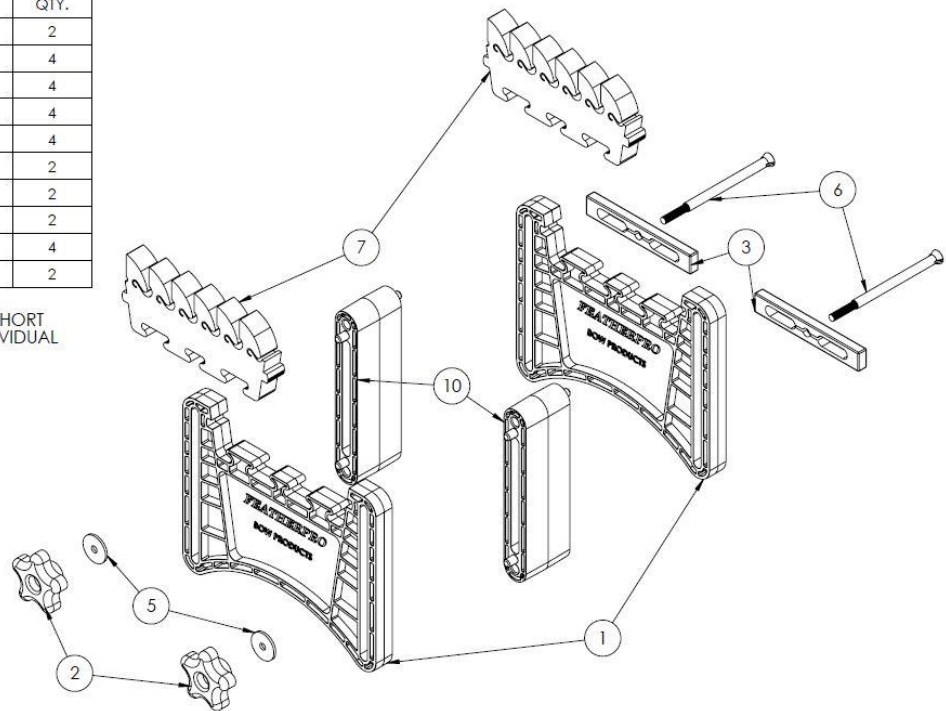
### **Components Part List**

# FeatherDUO Featherboard



ITEM NO.	PART NUMBER	DESCRIPTION	QTY.
1	60003	FEATHERPRO PLASTIC BASE	2
2	20002	KNOB 1/4-20 THREAD	4
3	20003	MITRE SLOT INSERT	4
4	20004	SCREW SHORT 1/4-20 THREAD	4
5	20005	WASHER	4
6	20007	LONG SCREW 1/4-20 THREAD	2
7	70001	EVA INSERT ULTRALIGHT	2
8	70002	EVA INSERT STANDARD	2
9	20006	T-BOLT 1/4-20 THREAD	4
10	60004	RISER FOR DOUBLE STACK	2

NOTES:  
 1. EXTRA COMPONENTS: KNOBS, WASHERS, MITRE BARS, SHORT SCREWS AND T-BOLTS ARE FOR WHEN USING AS TWO INDIVIDUAL FEATHERPRO FEATHERBOARDS.



## Miter Slot and T-Slot Mounts

Miter Bars supplied are for use with 3/8 x 3/4 Miter slots. For T-Slot mounts, T-Bolts are included when using the featherboards individually. Use 1/4"-20 by 1 3/4" T-bolts included.

## Positioning on a Table Saw

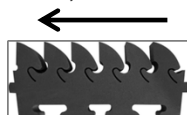
Positioning of a featherboard depends on the type of cut made. When feeding wood through a Table Saw, adhere to the Table Saws Owner's manual for safe operation of the saw. To set up, place the FeatherDUO into the Miter slot, position the FeatherDUO accordingly, apply desired pressure and tighten knobs to secure. For positioning, we recommend that you position the feathers slightly ahead of the blade and with enough tension against the work piece such that the feather fingers flex as the stock passes. Note that the top featherboard can be adjusted forward and back independent of the bottom featherboard if needed.

## Router Table and Band Saw

In certain applications, FeatherDUO can also be used on Router Tables and Band Saws.

## High Density Foam Feather, Two "Standard" Feathers included as an added bonus

The FeatherDUO comes standard with our "Ultralight" feathers installed. Ultralight feathers are more flexible than the "Standard" feathers and are necessary on the FeatherDUO since you are using two feathers at the same time. As an added bonus, the FeatherDUO also includes two "Standard" feathers and all the hardware to make two individual FeatherPRO featherboards as well. Standard feathers are a bit more rigid than the "Ultralight" Feather. They work for all types of cuts. The feathers are removable and interchangeable. If a feather is damaged, simply replace. The feathers are precisely cut to perform as expected and to help protect against kickback. DO NOT modify the feathers in any way. Always ensure the feathers lay down in the same direction as the feed arrow. Always feed wood in the same direction as the feed arrow (Figure 1). Bow feathers represent a significant breakthrough in protection against kickback. For optimal performance against kickback, ensure fence is squared with the blade, and FeatherDUO is secured tightly.



**Figure 1:** Feed Arrow direction on FeatherDUO body/Feather Placement

# FeatherDUO Featherboard



**WARRANTY:** FeatherDUO comes with a One Year Limited warranty for Defects in Materials or Workmanship.

**CUSTOMER SERVICE:** Please view our website at [www.Bow-Products.com](http://www.Bow-Products.com) for additional information on the FeatherDUO – Part # FP3. You may also contact us at 844.895.4488.

**REPLACEMENT PARTS:** Please visit our website at [www.Bow-Products.com](http://www.Bow-Products.com) for ordering information. Check out our website for other great products.

For the latest products, news and tips, follow us on: : [bowproducts\\_featherpro](https://www.instagram.com/bowproducts_featherpro) and, : [@bowproducts](https://www.facebook.com/bowproducts)



Bow-Products  
8778 Boyce Rd.  
Corfu, NY 14036

FeatherDUO Part #: FP3