

# OPERATION & PARTS MANUAL

## PRECISION DIVIDER

### MODEL SB106



SERIAL N°: \_\_\_\_\_ DATE: \_\_\_\_\_



2293 S MT PROSPECT RD  
DES PLAINES, IL 60018  
TOLL FREE: 800-284-5779  
PHONE: 312-738-3700  
FAX: 312-738-5329



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Website: [www.seedburo.com](http://www.seedburo.com)

## IMPORTANT

### SEEDBURO PRECISION DIVIDER WARRANTY REGISTRATION

### MAIL REGISTRATION FORM NOW

When you mail the registration form, the guarantee on your "SEEDBURO PRECISION DIVIDER" becomes effective.

Guarantee is void unless registration form is returned to us within **10 days** after purchase.

Terms of the guarantee are given on the instruction sheet.

Please fill in and return to the following address:

SEEDBURO EQUIPMENT COMPANY  
1022 WEST JACKSON BOULEVARD  
CHICAGO, ILLINOIS 60607

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Your Company Name

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Address

---

City, State, Zip

---

Dealer From Whom Purchased

---

City, State, Zip

---

Divider Serial Number

---

Date of Purchase



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## **DIRECTIONS FOR SETTING UP AND OPERATING SEEDBURO PRECISION DIVIDER**

1. UNPACK DIVIDER AND PLACE ON FIRM, LEVEL TABLE.
2. KEEP ALL PACKING MATERIALS FOR FUTURE USE.
3. PLACE MACHINE AND CIRCULAR LEVEL TOWARD FRONT AND WITH THE TWO ZERO MARKS ONE ABOVE THE OTHER.
4. LEVEL MACHINE USING LEVELING SCREWS UNDER FRONT LEGS UNTIL BUBBLE IS IN EXACT CENTER.
5. LOCK LEVELING SCREWS WITH LOCKNUTS.
6. PLUG CORD IN 110 VOLTS AC OR DC OUTLET.
7. PLACE SAMPLE IN HOPPER **WITH CURRENT OFF**.
8. TURN ON CURRENT AND MACHINE WILL DIVIDE SAMPLE EVENLY.
9. IF AFTER SEVERAL TRIALS, ONE SIDE CONSISTENTLY CUTS LIGHTER, VERY SLIGHTLY RAISE OPPOSITE SIDE UNTIL BOTH SAMPLES WEIGH AS EVENLY AS POSSIBLE.

WHEN ADJUSTED AND USED IN THE ABOVE MANNER THE "**PRECISION DIVIDER**" WILL GIVE CONSISTENTLY BETTER RESULTS THAN OTHER TYPES OF EQUIPMENT. THE "**PRECISION DIVIDER**" DOES EQUALLY WELL ON ALL KINDS OF GRAIN AND SEEDS, INCLUDING BROME AND SUDAN GRASS.

**CAUTION:** DO NOT OIL MACHINE OR MOTOR. DO NOT TURN SPINNER BY HAND. BLOW DUST FROM MOTOR OCCASIONALLY.

FOR **ONE YEAR** FROM DATE OF PURCHASE, SEEDBURO EQUIPMENT COMPANY WILL REPLACE FOR THE ORIGINAL PURCHASER, FREE OF CHARGE, ANY PART OR PARTS FOUND, UPON EXAMINATION AT OUR FACTORY, TO BE DEFECTIVE MATERIALS OR WORKMANSHIP. ALL TRANSPORTATION CHARGES ON PARTS SUBMITTED FOR REPLACEMENT UNDER THIS GUARANTEE MUST BE BORNE BY THE PURCHASER. DO NOT RETURN MACHINE TO FACTORY WITHOUT CORRESPONDING WITH US FIRST, AND RECEIVING PACKING AND SHIPPING INSTRUCTIONS.

THIS GUARANTEE SHALL NOT BE EFFECTIVE IF THE MACHINE HAS BEEN SUBJECT TO MISUSE, NEGLIGENCE OR ACCIDENT, NOR IF THE MACHINE HAS BEEN REPAIRED OR ALTERED OUTSIDE OUR FACTORY, IN ANY RESPECT WHICH, IN OUR JUDGMENT, EFFECTS ITS CONDITION OR OPERATION.

## List of Parts

Item	Part No.	Description	Check	Qty.
1	SB106171	Hopper Assy., Complete with plating without level		1
2	SB106160	Level Precision Divider ( #2-10000)(See 62-21)		1
3	SB106080	Delrin Agitator, Black		1
4	SB106100	Spinner Shaft		1
5	SB106060	Upper Bearing		1
6	SB106050	Vane		1
7	SB106360	Bearing Sleeve Precision Divider		1
8	SB106070	Lower Bearing		1
9	SB106040	Shaft Collar, 5/16", Precision Divider (620500)		1
10	SB106130	Electric Switch (2X464)(41133,603001,6225 & 6355)		1
11	SB106131	Switch Plate for P.D. On/Off		1
12	SB106300	Precision Divider Body Plated (Cylinder)		1
13	SB106030	Outlet Spout		2
14	SB106320	Base		1
15	SB106210	Electric Connector) (4551450, 604400)		1
16	SB106200	Electric Cord		1
17	SB106091	Coupling, Upper Hub (Part of SB106090; Item 25)		-
18	SB106092	Coupling Spring (Part of SB106090; Item 25)		-
19	SB106093	Steel End Coupling (Part of SB106090; Item 25)		-
20	SB106190	Leveling Jam Nut, Plated ( similar 620300)		1
21	SB106180	Leveling Adjust leg, Plated ( similar 620300)		2
22	SB106220	Post Leg		1
23	SB106150	Gearmotor, Carter CUA501R3 10:1 500 RPM (1)(621100)		1
24	SB106330	Motor Mount (621200)		1
25	SB106090	Flexible Coupling Complete (include SB106091, 92 & 93)		1
26	SC103212	No.10-32 Socket Head Cap Screw		8
27	OS102412	18-8 Stainless Steel 10-24 x 1/2" Oval Head Slotted		4
28	HHCS516181	5/16"-18 x 1"Hex Head Cap Screw Zinc Plated		2
29	SLW516	5/16" Spring Lock Washer		2
30	RHS440516	18-8 Stainless Steel 4-40 x 1/4" Round Head Slotted		3
31	AN1032	10-32 Stainless Steel Acorn Nut		1
32	FW10	No. 10 Stainless Steel Flat Washer		1
33	SB106FW316	3/16" Standard Flat Washer Drilled with F Drill		1
34	SB106NP	Name Plate (Model & Serial No.) W/ Attach Screws		1
35 & 36	SB106BOX	Carton Box (2 pieces)		2
37	SB106370	Conduit Lock Nut, 1/2"		1
38	620800	Spreader Disc with set screw		1



SB106 SEEDBURO PRECISION DIVIDER PARTS

