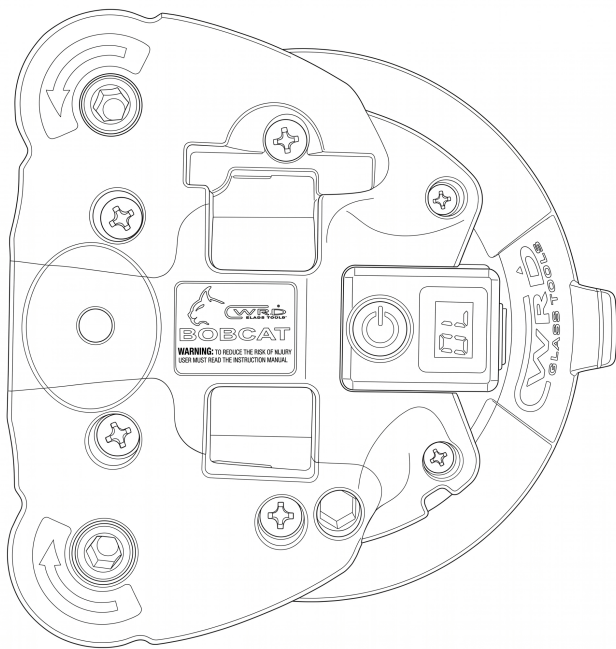


INSTRUCTION MANUAL



BOBCAT

DUAL-SPINDLE FIBER LINE
AUTO GLASS REMOVAL
SYSTEM



WARNING:

For your personal safety, **READ** and **UNDERSTAND** before using.
SAVE THESE INSTRUCTIONS FOR FUTURE REFERENCE.

DOWNLOAD DIGITAL VERSION
OF INSTRUCTION MANUAL



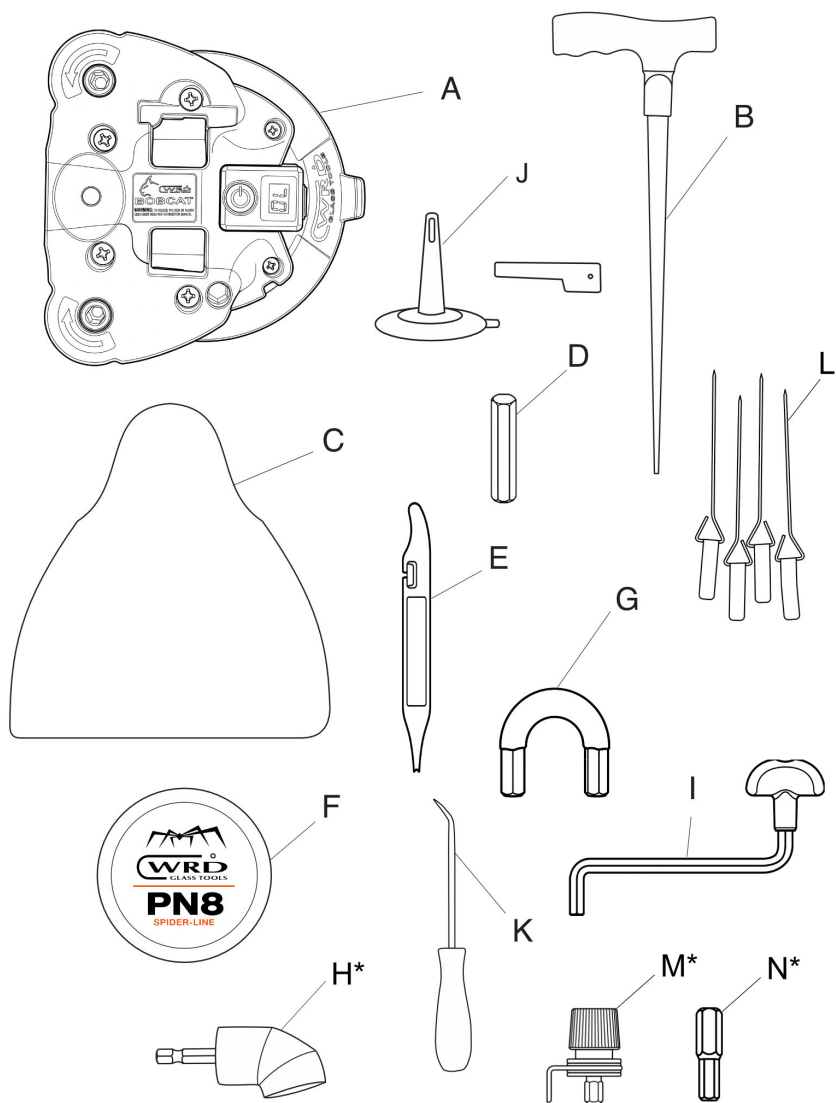


DISCLAIMER OF LIABILITY:

The manufacturer and distributors of the Bobcat cannot be held liable for any injuries, losses, or damages that occur as a result of the improper, negligent, or reckless use of this tool. It is the sole responsibility of the user to ensure the Bobcat is operated safely and in strict accordance with all instructions provided in this manual. Failure to follow safety protocols absolves the manufacturer of any legal liability.

CONTENTS

CONTENTS	4
FRONT AND BACK GLASS PANEL REMOVAL	6
QUARTER GLASS REMOVAL	11
EPUMP ELECTRONIC SUCTION PUMP	15
TECHNICAL DATA, NOTES OF SAFETY, INTENDED USE	18



* only include with P version kit

CONTENTS

A	Bobcat Assembly (WRD-BCA)	1
B	Line Threader (WRD-T)	1
C	Tool Bag	1
D	5/16 in Hex Drive Bit (WRD-BNB)	1
E	Install Stick Cut (WRD-ISC)	1
F	Cutting Line, 96 m (WRD-PN8-96)	1
G	5/16 in U-Bit (WRD-BNUB)	1
H	Angle Driver 2.0 (WRD-AD2)*	0-1
I	Hand Crank (WRD-BNHC)	1
J	Line Dispenser 2.0 (WRD-LD2)	1
K	Pick Tool (WRD-MP)	1
L	Line Holder Pins (WRD-LP)	4
M	Automated Clutch Tool, 5/16 in (WRD-ACT5)*	0-1
N	Bit Adapter, 1/4 in to 5/16 in (WRD-BNBA)*	0-1

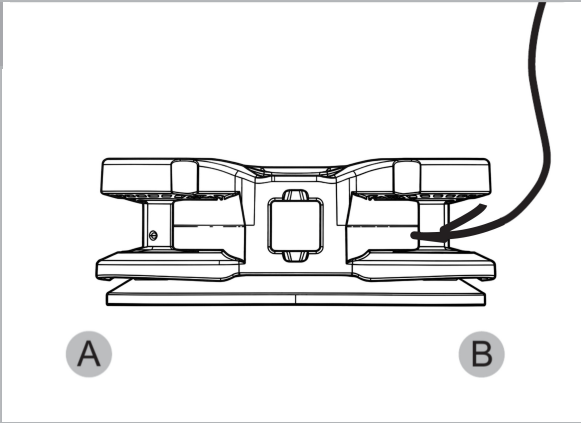
* Included with P-Kit: WRD-AD2, WRD-ACT5, and WRD-BNBA.



FRONT AND BACK GLASS PANEL REMOVAL

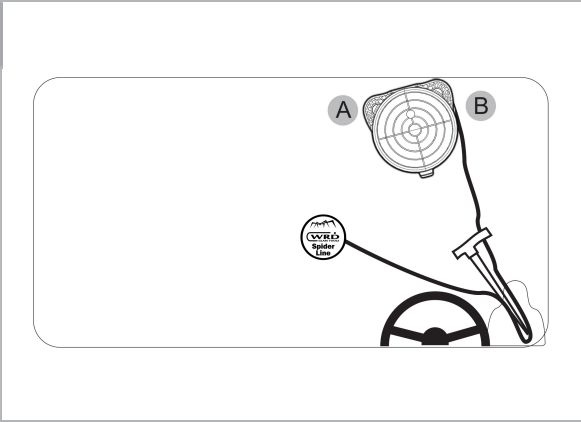
Shown as in Fig 1-12. Recommended to use hand crank for small glass panel removal.

1



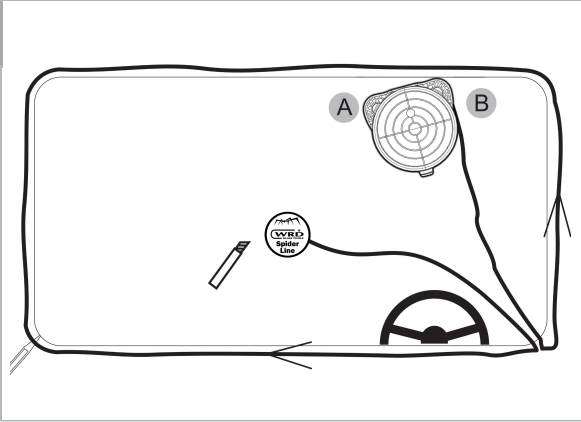
INSIDE VIEW

2



OUTSIDE VIEW

3



OUTSIDE VIEW

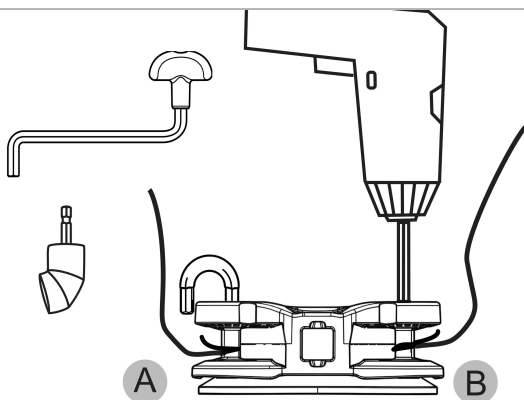
4



Max Spindle
Capacity:
9.14m (30')

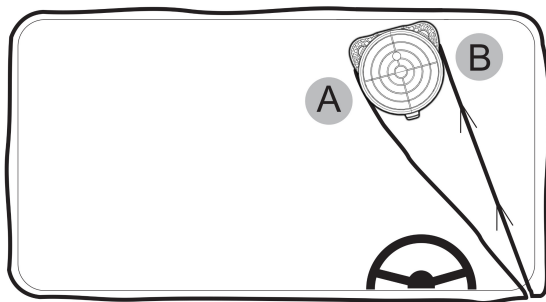


Spindle
Access:
28mm (1.1")



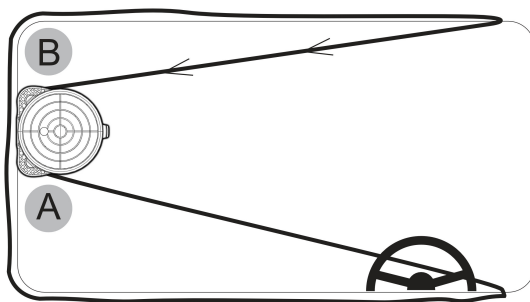
INSIDE VIEW

5

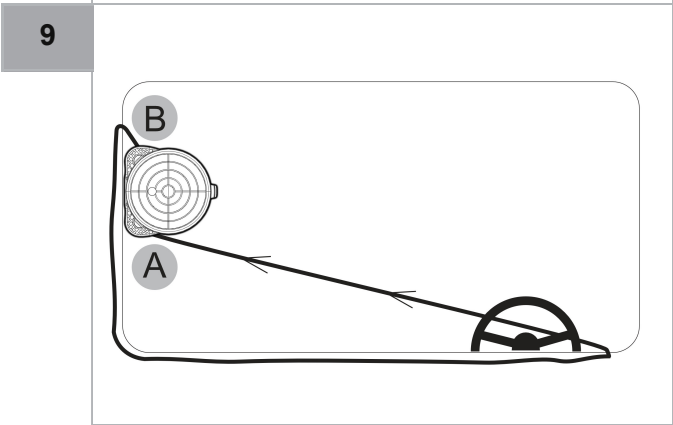
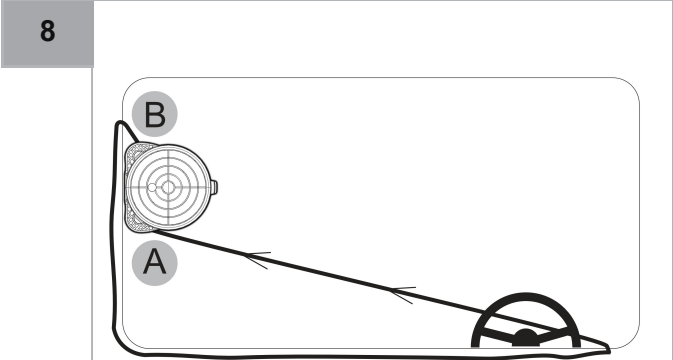
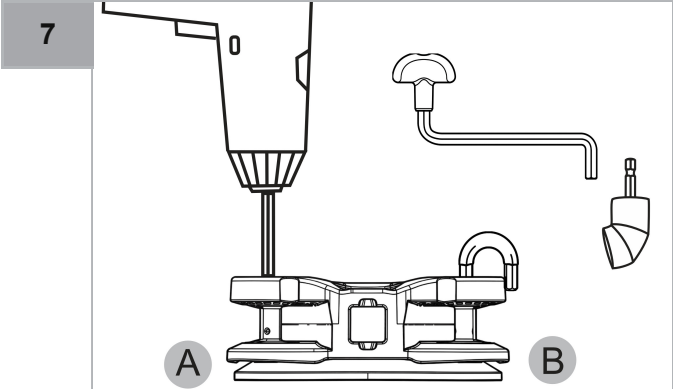


OUTSIDE VIEW

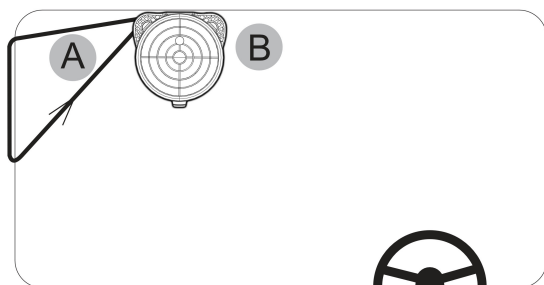
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OUTSIDE VIEW

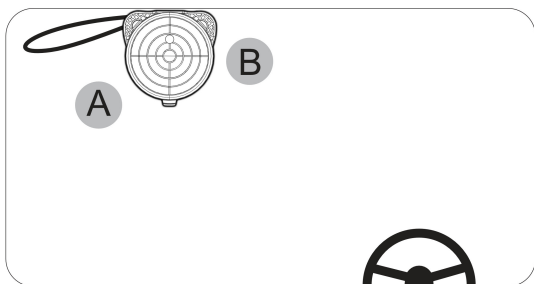


10



INSIDE VIEW

11

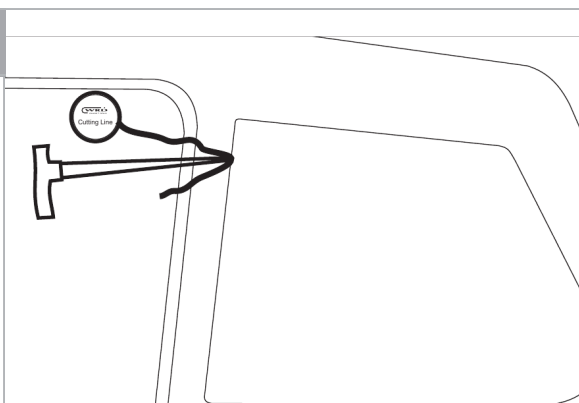


OUTSIDE VIEW

QUARTER GLASS REMOVAL

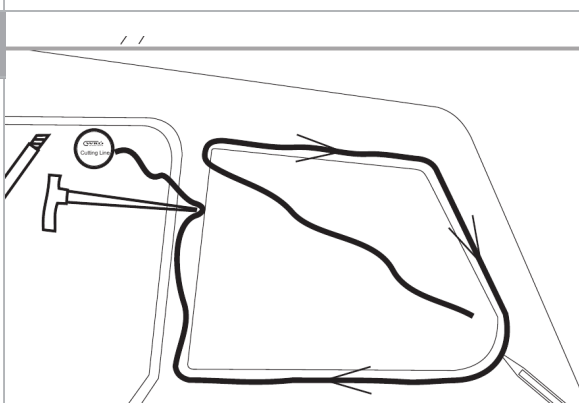
Shown as in Fig 13-23. Recommended to use hand crank or angle driver for corner and quarter glass removal.

12



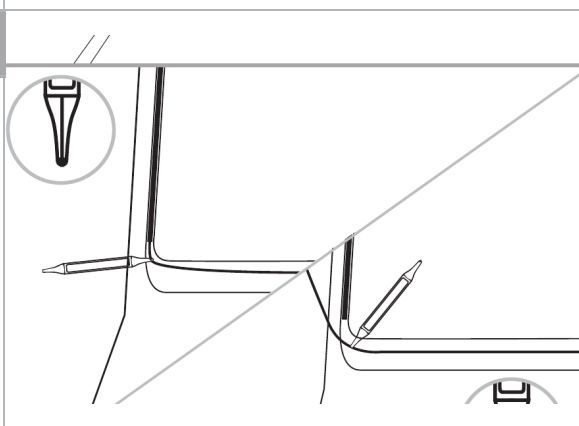
OUTSIDE VIEW

13



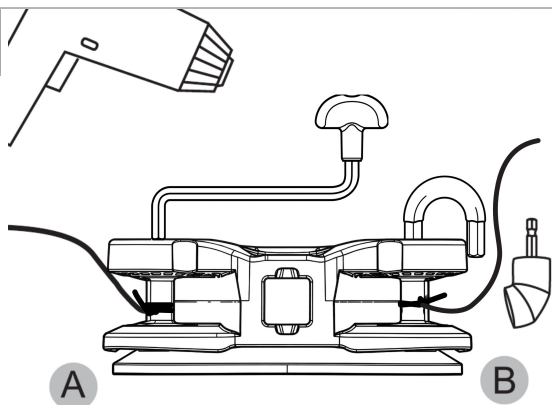
OUTSIDE VIEW

14



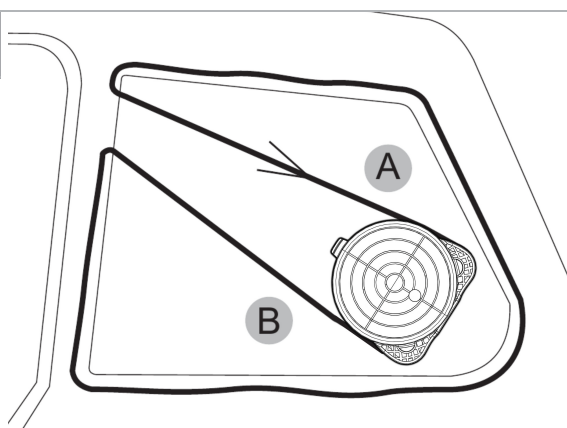
OUTSIDE VIEW

15



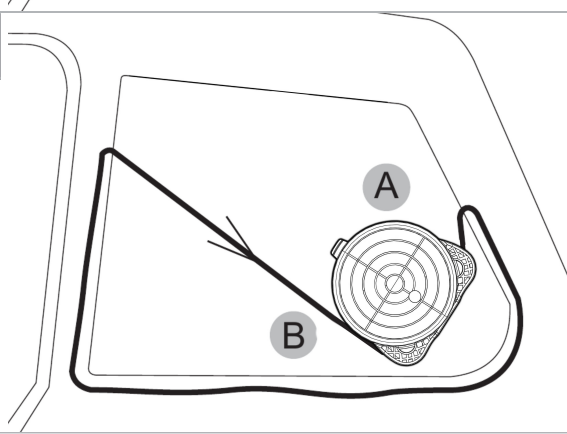
INSIDE VIEW

16



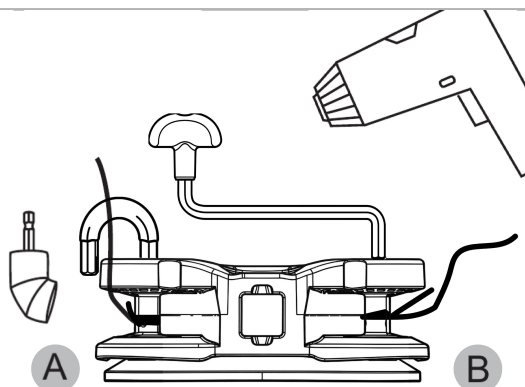
OUTSIDE VIEW

17



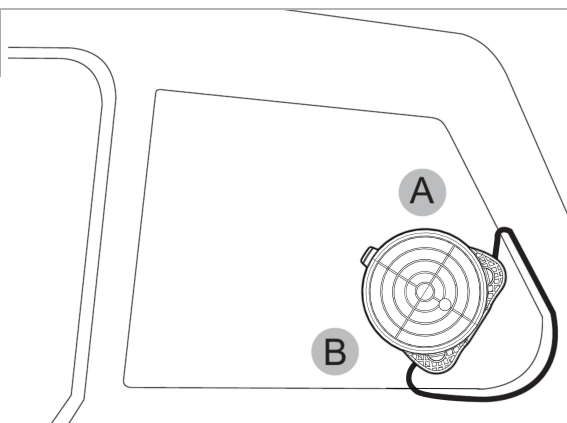
OUTSIDE VIEW

18



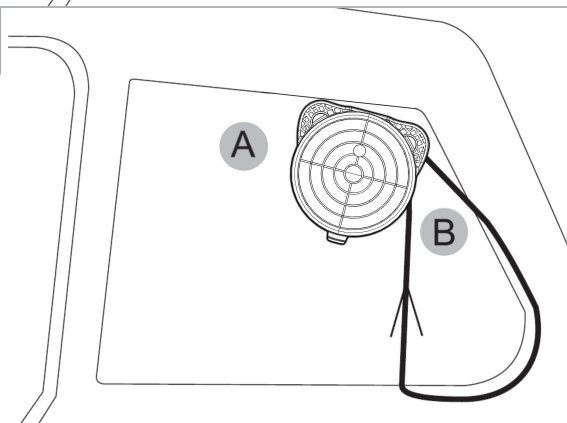
INSIDE VIEW

19



OUTSIDE VIEW

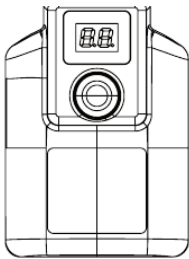
20



OUTSIDE VIEW

EPUMP ELECTRONIC SUCTION PUMP

WARNING: READ and UNDERSTAND before using.



PRESSURE READOUT (KPA)

CODE	SYMBOL	DESCRIPTION
ON		Display for 0.5s after startup
OF		Display for 0.5s after shutdown
P1-P9		Battery level. Flashing = charging; P9 = fully charged
kPa		Displays numerical pressure value in kPa (e.g. 70)
ER		Pressure failed to reach 40kPa in 8s (auto shutdown)
LO		Low battery level; charge device immediately

TECHNICAL SPECIFICATIONS

Model	WRD-EPX	Output Voltage	3.7V
Holding Capacity	150 kg (330 lbs)	Rated Power	3.5W
Battery Capacity	2000 mAh	Charging Time	3.5 Hours
Continuous Run	>8 Hours	USB Charging	Type-C (5V)

OPERATING PROCEDURES

- ① **POWER ON:** Place the ePump inside the suction cup handle in sleep mode. Press and hold the power button to turn ON. The pump automatically aspirates to pressure.
- ② **PRESSURE GUARD:** The ePump monitors air pressure. If it drops below the safety level, it automatically replenishes the air to secure the workpiece.
- ③ **POWER OFF:** Double-click the power button to release pressure and shut down. Always store in a dry, clean place.

IMPORTANT NOTES

- Ensure the workpiece surface is smooth, clean, and free of water or grease.
- Verify bottom of both the pump and cup is free of debris. Ensure dust-proof cotton is intact.
- If pressure does not reach 40kPa within 8 seconds, "**Er**" will display and the pump will turn off. Clean cup and retry.
- If "**Lo**" displays during operation, charge battery immediately to prevent load release.

DISCLAIMER OF LIABILITY

The manufacturer and distributors of the ePump cannot be held liable for any injuries, losses, or damages that occur as a result of the improper, negligent, or reckless use of this tool. It is the sole responsibility of the user to ensure the ePump is operated safely and in strict accordance with all instructions.

GENERAL TOOL SAFETY WARNINGS



WARNING! Read all safety warnings and all instructions. Save all warnings and instructions for future reference.

Work Area Safety

1. Keep work area clean and well lit. Cluttered or dark areas invite accidents.
2. Keep bystanders away while operating the tool. Distraction can cause you to lose control.

Personal Safety

3. Stay alert, watch what you are doing and use common sense operating the tool. Do not use the tool while you are tired or under the influence of drugs, alcohol or medication. A moment of inattention while operating the tool may result in serious personal injuries.
4. Use personal protective equipment. Always wear eye and hand protection.

Tool Use and Care

5. Do not force the tool. Use the correct power tool for the application. The correct power tool, described in the specifications, will do the job best and safest.
6. Do not allow persons unfamiliar with the tool or these instructions to operate the tool.
7. Maintain the tool. Check for misalignment or binding of moving parts, breakage of parts and any other condition that may affect the tool operation. If damaged, have the tool repaired before use. Many accidents are caused by poorly maintained tool.
8. Use the tool and accessories in accordance with these instructions. Use of the tool for operations different from those intended could result in hazardous situation.
9. Do not spool more than 9.14 meters (30 feet) of cutting line onto the tool spindle.

Service

10. Only use original replacement parts. This will ensure that the safety of the tool is maintained.
11. Keep the shaft bushing lubricated.
12. Keep the handle part dry, clean and free from oil and grease.

Model	BOBCAT
Overall length	175 mm (6.9 in)
Net weight	1.02 kg (2.25 lbs)

For operation required accessory (not included):	
Cordless drill with variable speed (always use the lower gear) 18 Volt, 45 < Nm (400 < in-lbs)	
Recommended speed	0 - 500 rpm

