

BOX BLADES

BB2048L

BB2048

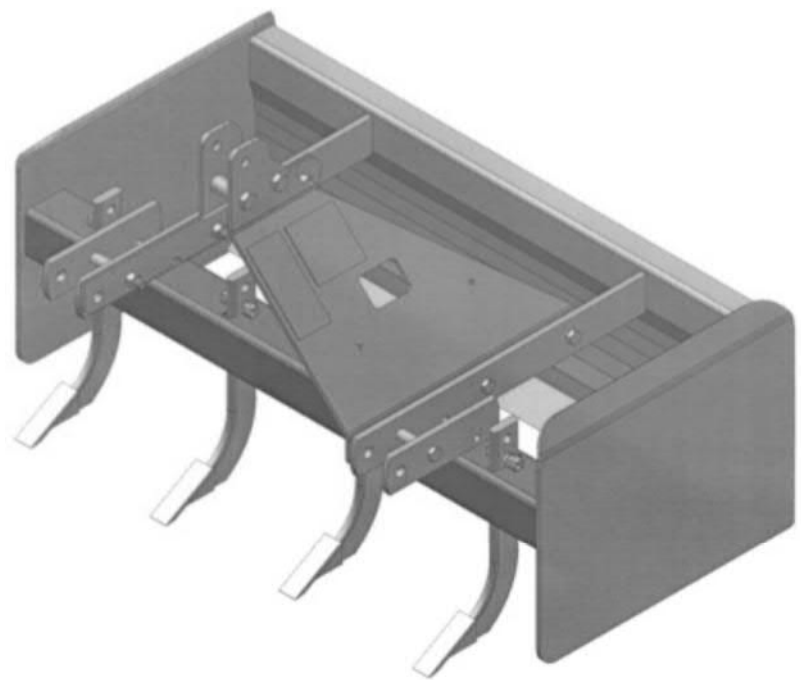
BB2060

BB2065

BB2072

BB2172

BB2184



TO THE DEALER:

Assembly and proper installation of this product is the responsibility of the Frontier dealer. Read manual instructions and safety rules. Make sure all items on the Dealer's Pre-Delivery and Delivery Check Lists in the Owner's/Operator's Manual are completed before releasing equipment to the owner.

The dealer must complete the Warranty Registration located on the Frontier website.

TO THE OWNER:

Read this manual before operating your Frontier equipment. The information presented will prepare you to do a better and safer job. Keep this manual handy for ready reference. Require all operators to read this manual carefully and become acquainted with all the adjustment and operating procedures before attempting to operate. Replacement manuals can be obtained from your selling dealer.

The equipment you have purchased has been carefully engineered and manufactured to provide dependable and satisfactory use. Like all mechanical products, it will require cleaning and upkeep. Lubricate the unit as specified. Observe all safety information in this manual and safety decals on the equipment.

For service, your authorized Frontier dealer has trained mechanics, genuine Frontier service parts, and the necessary tools and equipment to handle all your needs.

Use only genuine Frontier service parts. Substitute parts will void the warranty and may not meet standards required for safe and satisfactory operation. Record the model number and serial number of your equipment in the spaces provided:

Model: _____ **Date of Purchase:** _____

Serial Number: (see Safety Decal section for location) _____

Provide this information to your dealer to obtain correct repair parts.

Throughout this manual, the term **IMPORTANT** is used to indicate that failure to observe can cause damage to equipment. The terms **CAUTION**, **WARNING** and **DANGER** are used in conjunction with the Safety-Alert Symbol, (a triangle with an exclamation mark), to indicate the degree of hazard for items of personal safety.



This Safety-Alert Symbol indicates a hazard and means **ATTENTION! BECOME ALERT! YOUR SAFETY IS INVOLVED!**



Indicates an imminently hazardous situation that, if not avoided, will result in death or serious injury.



Indicates a potentially hazardous situation that, if not avoided, could result in death or serious injury, and includes hazards that are exposed when guards are removed.



Indicates a potentially hazardous situation that, if not avoided, may result in minor or moderate injury.




Indicates that failure to observe can cause damage to equipment.

Indicates helpful information.

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**¡LEA EL
INSTRUCTIVO!**

**Si no lee Ingles, pida
ayuda a alguien que
si lo lea para que le
traduzca las medidas
de seguridad.**

GENERAL INFORMATION

The purpose of this manual is to assist you in operating and maintaining your Box Blade. Read it carefully. It furnishes information and instructions that will help you achieve years of dependable performance.

These instructions have been compiled from field experience and engineering data. Some information may be general in nature, due to unknown and varying operating conditions. However, through experience and these instructions, you should be able to develop procedures suitable to your particular situation.

The illustrations and data used in this manual were current at the time of printing. However, due to possible inline production changes, your machine may vary slightly in detail. We reserve the right to redesign and change the machines as may be necessary without notification.

Throughout this manual, references are made to right and left direction. These are determined by standing behind the tractor facing the direction of forward travel.

1 Introduction

SPECIFICATIONS

	BB2048L	BB2048	BB2060	BB2065
Working Width	48" (122 cm)	48" (122 cm)	60" (152 cm)	66" (165 cm)
Height (Total)	29½" (75 cm)	33½" (85 cm)	33½" (85 cm)	33½" (85 cm)
Length	26" (66 cm)	31" (79 cm)	31" (79 cm)	31" (79 cm)
Moldboard Height	14" (36 cm)	17" (43 cm)	17" (43 cm)	17" (43 cm)
End Plate Thickness	⅜" (4.8 mm)	⅜" (9.5 mm)	⅜" (9.5 mm)	⅜" (9.5 mm)
No. Cutting Edges	2	2	2	2
Cutting Edge Size	½" x 6" (12.7 x 152 mm) Reversible			
Approximate Weight	275 lbs (125 kg)	385 lbs (175 kg)	465 lbs (211 kg)	500 lbs (227 kg)
Number of Shanks	3	4	5	5
Rear Moldboard	Fixed	Fixed	Fixed	Fixed
Moldboard Thickness	⅜" (4.8 mm)	⅜" (4.8 mm)	⅜" (4.8 mm)	⅜" (4.8 mm)
Tractor HP Req.:	This box blade should be mounted on tractors with a max. engine rating of 25 hp (18.7 kw) and not exceed 2250 lb (1020 kg)			
2-Wheel Drive – Min.		17 hp	19 hp	23 hp
Max.		45 hp	55 hp	55 hp
4-Wheel Drive – Min.		17 hp	19 hp	23 hp
Max.	40 hp	40 hp	40 hp	
Hitch Category	Limited Cat 1 Optional Cat 0	Cat 1	Cat 1	Cat 1

	BB2072	BB2172	BB2184
Working Width	72" (183 cm)	72" (183 cm)	84" (213 cm)
Height (Total)	33½" (85 cm)	33½" (85 cm)	33½" (85 cm)
Length	31" (79 cm)	31" (79 cm)	31" (79 cm)
Moldboard Height	17" (36 cm)	17" (43 cm)	17" (43 cm)
End Plate Thickness	⅜" (9.5 mm)	⅜" (9.5 mm)	⅜" (9.5 mm)
No. Cutting Edges	2	2	2
Cutting Edge Size	½" x 6" (12.7 x 152 mm) Reversible		
Approximate Weight	534 lbs (243 kg)	585 lbs (265 kg)	667 lbs (303 kg)
Number of Shanks	6	6	7
Rear Moldboard	Fixed	Floating	Floating
Moldboard Thickness	⅜" (4.8 mm)	⅜" (4.8 mm)	⅜" (4.8 mm)
Tractor HP Req.:			
2-Wheel Drive – Min.	27 hp	30 hp	35 hp
Max.	55 hp	70 hp	70 hp
4-Wheel Drive – Min.	27 hp	30 hp	35 hp
Max.	40 hp	55 hp	55 hp
Hitch Category	Cat 1	Cat 1	Cat 1

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