

FRONTIER PRODUCTS
Planting & Seeding

BD1108 End Wheel Grain Drill, 7.5 In. Spacing, 13 Openers, and Standard Grain Agitator
 Equipment for Base Machine

Number of Openers: 13	2.8 Bushel/Ft. - 22.4 Bushel
Available Row Spacings: 7.5 In.	Box Capacity (Combo Box):
Working Width: 8 Ft. 1 In.	3.4 Bushel/Ft.
Transport Width: 10 Ft.	40 Percent Grain: 10.8 Bushel
Opener Type: 13 In. Double Disk /	60 Percent Grain: 14.6 Bushel
Staggered Pattern	100 Percent Grain: 22.1 Bushel
Seedboot Types:	Box Capacity (Grass Seed):
Cast Aluminum or Cast Iron	1.5 Bushel
Opener Downpressure:	Acremeter: Standard
124 lbs. Maximum	Assembly/Set-Up Time: 3 Man-Hours
Metering: Fluted Feed	for Base Machine, 1 Additional Hour
Transport Ground Clearance: 5.5 In.	for Grass Seed Attachment
Weight with Plain Box	Warranty: 1 Year Parts and Labor
(7.5 In. Spacing): 1,330 lb.	
Weight with Combo Box	
(7.5 In. Spacing): 1,475 lb.	
Tires:	
7.5-20, 4PR Rib Implement OR	
7.5-20, 4PR Double-Rib Implement	
Box Capacity (Plain Box):	

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3001XF		BD1108 End Wheel Grain Drill, 7.5 In. Spacing, 13 Openers, and Standard Grain Agitator	13,993.00
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BOX TYPE

1000		Plain Grain	In Base Price
1010		Combination Grain/Fertilizer	4,224.00

OPENERS

2035		Double Disk Aluminum Boot	In Base Price
2045		Double Disk Cast Iron Boot	1,057.00

WHEELS AND TIRES

3100		7.50 x 20 Farm Implement	In Base Price
3105		7.50 x 20 Double Rib	-103.00

DESTINATION

0195		Mexico	In Base Price
0202		English	No Added Cost
0184		Canada	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		English Export Manual,PDI and Decal Kit	In Base Price
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FRONTIER PRODUCTS
Planting & Seeding

BD1108 End Wheel Grain Drill, 7.5 In. Spacing, 13 Openers, and Standard Grain Agitator
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
0413		French Export Manual,PDI and Decal Kit	207.00
0437		Spanish Export Manual,PDI and Decal Kit	207.00
GRASS SEED BOX			
8003		Grass Seed Box	1,565.00
PRESS WHEELS			
8010		Depth Gauge Press Wheel Arm Less Wheel with Footboard Extension Brackets <i>If Depth Gauge Press Wheel Arms are ordered, you must order option code 9009, or 9010, or 9012 Press Wheel.</i>	720.00
MISCELLANEOUS			
9005		Cover Chains	70.00
9060		Tru-Vee Opener Attachment <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	3,835.00
PRESS WHEELS			
9009		1 x 12 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	607.00
9010		2 x 13 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	604.00
9012		4 x 12 Double Rib Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	975.00
SCRAPERS			
9040		Double Disk Outside Scrapers <i>Must also order outside scraper conversion parts (option 9050) if used in combination with depth gauging press wheels.</i>	276.00
9050		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND double disk outside scrapers.</i>	136.00
ATTACHMENTS FOR FIELD CONVERSION			
	5YTBN160419	Miscellaneous Cover Chains, Quantity 10	41.44

FRONTIER PRODUCTS
Planting & Seeding

BD1108 End Wheel Grain Drill, 7.5 In. Spacing, 13 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
5YTAN281515		Depth Gauging Press Wheel 1 x 12, Quantity 1	53.76
5YTAN162400		Depth Gauging Press Wheel 2 x 13, Quantity 1	54.88
5YTAA80305		Depth Gauging Press Wheel 4 x 12 Double Rib, Quantity 1	See Parts
5YTBN280000		Depth Gauging Press Wheel Arm Less Wheel, Quantity 1 <i>Must also order desired press wheels and footboard extension brackets.</i>	63.84
5YTBN211069		Double Disk Opener Assembly with Long Aluminum Boot	251.64
5YTBN211071		Double Disk Opener Assembly with Long Cast Iron Boot	336.96
5YTBN211068		Double Disk Opener Assembly with Short Aluminum Boot	245.16
5YTBN211070		Double Disk Opener Assembly with Short Cast Iron Boot	331.56
5YTAN282365		Double Disk Outside Scrapers, 10 Pair <i>Must also order conversion parts if used in combination with depth gauging press wheels.</i>	154.56
5YTBN210945		Footboard Extension Brackets <i>Order 1 for each machine to be equipped with depth gauging press wheels.</i>	41.44
5YT7015417		French Operators Manual, PDI, and Decal Kit (BD11 Drills)	223.56
5YTBN906606		Grass Seed Attachment for 13 Openers <i>For 13 opener, 7.5 In. spacing configuration.</i>	1,692.36
5YTAN212672		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND outside scrapers.</i>	152.32
5YT7015416		Spanish Operators Manual, PDI, and Decal Kit	231.84
5YTBN210047		Tru-Vee Opener Attachment, One Row <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	318.60

FRONTIER PRODUCTS
Planting & Seeding

BD1108 End Wheel Grain Drill, 7.5 In. Spacing, 13 Openers, and Standard Grain Agitator
Continued

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FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 6 In. Spacing, 21 Openers, and Standard Grain Agitator
 Equipment for Base Machine

Number of Openers: 21
 Row Spacing: 6 In.
 Working Width: 10 Ft. 6 In.
 Transport Width: 12 Ft. 6 In.
 Opener Type: 13 In. Double Disk /
 Staggered Pattern
 Seedboot Types:
 Cast Aluminum or Cast Iron
 Opener Downpressure:
 124 lbs. Maximum
 Metering: Fluted Feed
 Transport Ground Clearance: 5.5 In.
 Weight with Plain Box
 (7.5 In. Spacing): 1,600 lb.
 Weight with Combo Box
 (7.5 In. Spacing): 1,800 lb.
 Tires:
 7.5-20, 4PR Rib Implement OR
 7.5-20, 4PR Double-Rib Implement

Box Capacity (Plain Box):
 2.8 Bushel/Ft. - 28 Bushel
 Box Capacity (Combo Box):
 3.4 Bushel/Ft.
 40 Percent Grain: 13.5 Bushel
 60 Percent Grain: 18.2 Bushel
 100 Percent Grain: 27.6 Bushel
 Box Capacity (Grass Seed): 1.5 Bushel
 Acremeter: Standard
 Assembly/Set-Up Time: 3 Man-Hours
 for Base Machine, 1 Additional Hour
 for Grass Seed Attachment
 Warranty: 1 Year Parts and Labor

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3002XF		BD1110 End Wheel Grain Drill, 6 In. Spacing, 21 Openers, and Standard Grain Agitator	16,003.00
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BOX TYPE

1000		Plain Grain	In Base Price
1010		Combination Grain/Fertilizer	4,746.00

OPENERS

2035		Double Disk Aluminum Boot	In Base Price
2045		Double Disk Cast Iron Boot	1,756.00

WHEELS AND TIRES

3100		7.50 x 20 Farm Implement	In Base Price
3105		7.50 x 20 Double Rib	-103.00

DESTINATION

0195		Mexico	In Base Price
0202		English	No Added Cost
0184		Canada	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		English Export Manual,PDI and Decal Kit	In Base Price
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FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 6 In. Spacing, 21 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
0413		French Export Manual,PDI and Decal Kit	207.00
0437		Spanish Export Manual,PDI and Decal Kit	207.00
GRASS SEED BOX			
8003		Grass Seed Box	2,636.00
PRESS WHEELS			
8010		Depth Gauge Press Wheel Arm Less Wheel with Footboard Extension Brackets <i>If Depth Gauge Press Wheel Arms are ordered, you must order option code 9009, or 9010, or 9012 Press Wheel.</i>	1,141.00
MISCELLANEOUS			
9005		Cover Chains	106.00
9060		Tru-Vee Opener Attachment <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	6,431.00
PRESS WHEELS			
9009		1 x 12 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	979.00
9010		2 x 13 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	974.00
9012		4 x 12 Double Rib Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,576.00
SCRAPERS			
9040		Double Disk Outside Scrapers <i>Must also order outside scraper conversion parts (option 9050) if used in combination with depth gauging press wheels.</i>	415.00
9050		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND double disk outside scrapers.</i>	136.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5YTBN160419	Cover Chains, Quantity 10	41.44

FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 6 In. Spacing, 21 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
5YTAN281515		Depth Gauging Press Wheel 1 x 12, Quantity 1	53.76
5YTAN162400		Depth Gauging Press Wheel 2 x 13, Quantity 1	54.88
5YTAA80305		Depth Gauging Press Wheel 4 x 12 Double Rib, Quantity 1	See Parts
5YTBN280000		Depth Gauging Press Wheel Arm Less Wheel, Quantity 1 <i>Must also order desired press wheels and footboard extension brackets.</i>	63.84
5YTBN211069		Double Disk Opener Assembly with Long Aluminum Boot	251.64
5YTBN211071		Double Disk Opener Assembly with Long Cast Iron Boot	336.96
5YTBN211068		Double Disk Opener Assembly with Short Aluminum Boot	245.16
5YTBN211070		Double Disk Opener Assembly with Short Cast Iron Boot	331.56
5YTAN282365		Double Disk Outside Scrapers, 10 Pair <i>Must also order conversion parts if used in combination with depth gauging press wheels.</i>	154.56
5YTBN210945		Footboard Extension Brackets <i>Order 1 for each machine to be equipped with depth gauging press wheels.</i>	41.44
5YT7015417		French Operators Manual, PDI, and Decal Kit (BD11 Drills)	223.56
5YTBN907037		Grass Seed Attachment for 21 Openers <i>For 21 opener, 6 In. spacing configuration.</i>	2,933.28
5YTAN212672		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND outside scrapers.</i>	152.32
5YT7015416		Spanish Operators Manual, PDI, and Decal Kit	231.84
5YTBN210047		Tru-Vee Opener Attachment, One Row <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	318.60

FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 6 In. Spacing, 21 Openers, and Standard Grain Agitator
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FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 7.5 In. Spacing, 17 Openers, and Standard Grain Agitator
Equipment for Base Machine

Number of Openers: 17
Available Row Spacings: 7.5 In.
Working Width: 10 Ft. 7 In.
Transport Width: 12 Ft. 6 In.
Opener Type: 13 In. Double Disk /
Staggered Pattern
Seedboot Types:
Cast Aluminum or Cast Iron
Opener Downpressure:
124 lbs. Maximum
Metering: Fluted Feed
Transport Ground Clearance: 5.5 In.
Weight with Plain Box
(7.5 In. Spacing): 1,600 lb.
Weight with Combo Box
(7.5 In. Spacing): 1,800 lb.
Tires:
7.5-20, 4PR Rib Implement OR
7.5-20, 4PR Double-Rib Implement

Box Capacity (Plain Box):
2.8 Bushel/Ft. - 28 Bushel
Box Capacity (Combo Box):
3.4 Bushel/Ft.
40 Percent Grain: 13.5 Bushel
60 Percent Grain: 18.2 Bushel
100 Percent Grain: 27.6 Bushel
Box Capacity (Grass Seed): 1.5 Bushel
Acremeter: Standard
Assembly/Set-Up Time: 3 Man-Hours
for Base Machine, 1 Additional Hour
for Grass Seed Attachment
Warranty: 1 Year Parts and Labor

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3004XF		BD1110 End Wheel Grain Drill, 7.5 In. Spacing, 17 Openers, and Standard Grain Agitator	15,184.00
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BOX TYPE

1000		Plain Grain	In Base Price
1010		Combination Grain/Fertilizer	4,739.00

OPENERS

2035		Double Disk Aluminum Boot	In Base Price
2045		Double Disk Cast Iron Boot	1,383.00

WHEELS AND TIRES

3100		7.50 x 20 Farm Implement	In Base Price
3105		7.50 x 20 Double Rib	-103.00

DESTINATION

0195		Mexico	In Base Price
0202		English	No Added Cost
0184		Canada	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		English Export Manual,PDI and Decal Kit	In Base Price
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FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 7.5 In. Spacing, 17 Openers, and Standard Grain Agitator
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
0413		French Export Manual,PDI and Decal Kit	207.00
0437		Spanish Export Manual,PDI and Decal Kit	207.00
GRASS SEED BOX			
8003		Grass Seed Box	2,610.00
PRESS WHEELS			
8010		Depth Gauge Press Wheel Arm Less Wheel with Footboard Extension Brackets <i>If Depth Gauge Press Wheel Arms are ordered, you must order option code 9009, or 9010, or 9012 Press Wheel.</i>	931.00
MISCELLANEOUS			
9005		Cover Chains	70.00
9060		Tru-Vee Opener Attachment <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	5,207.00
PRESS WHEELS			
9009		1 x 12 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	793.00
9010		2 x 13 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	789.00
9012		4 x 12 Double Rib Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,275.00
SCRAPERS			
9040		Double Disk Outside Scrapers <i>Must also order outside scraper conversion parts (option 9050) if used in combination with depth gauging press wheels.</i>	276.00
9050		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND double disk outside scrapers.</i>	136.00
ATTACHMENTS FOR FIELD CONVERSION			
	5YTBN160419	Miscellaneous Cover Chains, Quantity 10	41.44

FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 7.5 In. Spacing, 17 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
5YTAN281515		Depth Gauging Press Wheel 1 x 12, Quantity 1	53.76
5YTAN162400		Depth Gauging Press Wheel 2 x 13, Quantity 1	54.88
5YTAA80305		Depth Gauging Press Wheel 4 x 12 Double Rib, Quantity 1	See Parts
5YTBN280000		Depth Gauging Press Wheel Arm Less Wheel, Quantity 1 <i>Must also order desired press wheels and footboard extension brackets.</i>	63.84
5YTBN211069		Double Disk Opener Assembly with Long Aluminum Boot	251.64
5YTBN211071		Double Disk Opener Assembly with Long Cast Iron Boot	336.96
5YTBN211068		Double Disk Opener Assembly with Short Aluminum Boot	245.16
5YTBN211070		Double Disk Opener Assembly with Short Cast Iron Boot	331.56
5YTAN282365		Double Disk Outside Scrapers, 10 Pair <i>Must also order conversion parts if used in combination with depth gauging press wheels.</i>	154.56
5YTBN210945		Footboard Extension Brackets <i>Order 1 for each machine to be equipped with depth gauging press wheels.</i>	41.44
5YT7015417		French Operators Manual, PDI, and Decal Kit (BD11 Drills)	223.56
5YTBN906607		Grass Seed Attachment for 17 Openers <i>For 17 opener, 7.5 In. spacing configuration.</i>	2,833.92
5YTAN212672		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND outside scrapers.</i>	152.32
5YT7015416		Spanish Operators Manual, PDI, and Decal Kit	231.84
5YTBN210047		Tru-Vee Opener Attachment, One Row <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	318.60

FRONTIER PRODUCTS
Planting & Seeding

BD1110 End Wheel Grain Drill, 7.5 In. Spacing, 17 Openers, and Standard Grain Agitator
Continued

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FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 6 In. Spacing, 26 Openers, and Standard Grain Agitator
 Equipment for Base Machine

Number of Openers: 26
 Available Row Spacings: 6 In.
 Working Width: 13 Ft.
 Transport Width: 15 Ft. 1 In.
 Opener Type: 13 In. Double Disk /
 Staggered Pattern
 Seedboot Types:
 Cast Aluminum or Cast Iron
 Opener Downpressure:
 124 lbs. Maximum
 Metering: Fluted Feed
 Transport Ground Clearance: 5.5 In.
 Weight with Plain Box
 (7.5 In. Spacing): 2,225 lb.
 Weight with Combo Box
 (7.5 In. Spacing): 2,435 lb.
 Tires:
 7.5-20, 4PR Rib Implement OR
 7.5-20, 4PR Double-Rib Implement

Box Capacity (Plain Box):
 2.8 Bushel/Ft. - 36.4 Bushel
 Box Capacity (Combo Box):
 3.4 Bushel/Ft.
 40 Percent Grain: 17.5 Bushel
 60 Percent Grain: 23.6 Bushel
 100 Percent Grain: 35.9 Bushel
 Box Capacity (Grass Seed): 1.7 Bushel
 Acremeter: Standard
 Assembly/Set-Up Time: 3 Man-Hours
 for Base Machine, 1 Additional Hour
 for Grass Seed Attachment
 Warranty: 1 Year Parts and Labor

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3003XF		BD1113 End Wheel Grain Drill, 6 In. Spacing, 26 Openers, and Standard Grain Agitator	18,664.00
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BOX TYPE

1000		Plain Grain	In Base Price
1010		Combination Grain/Fertilizer	5,117.00

OPENERS

2035		Double Disk Aluminum Boot	In Base Price
2045		Double Disk Cast Iron Boot	2,116.00

WHEELS AND TIRES

3100		7.50 x 20 Farm Implement	In Base Price
3105		7.50 x 20 Double Rib	-103.00

DESTINATION

0195		Mexico	In Base Price
0202		English	No Added Cost
0184		Canada	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		English Export Manual,PDI and Decal Kit	In Base Price
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FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 6 In. Spacing, 26 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
0413		French Export Manual,PDI and Decal Kit	207.00
0437		Spanish Export Manual,PDI and Decal Kit	207.00
GRASS SEED BOX			
8003		Grass Seed Box	2,747.00
PRESS WHEELS			
8010		Depth Gauge Press Wheel Arm Less Wheel with Footboard Extension Brackets <i>If Depth Gauge Press Wheel Arms are ordered, you must order option code 9009, or 9010, or 9012 Press Wheel.</i>	1,405.00
MISCELLANEOUS			
9005		Cover Chains	106.00
9060		Tru-Vee Opener Attachment <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	7,964.00
PRESS WHEELS			
9009		1 x 12 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,212.00
9010		2 x 13 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,207.00
9012		4 x 12 Double Rib Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,951.00
SCRAPERS			
9040		Double Disk Outside Scrapers <i>Must also order outside scraper conversion parts (option 9050) if used in combination with depth gauging press wheels.</i>	415.00
9050		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND double disk outside scrapers.</i>	136.00
ATTACHMENTS FOR FIELD CONVERSION			
	5YTBN160419	Miscellaneous Cover Chains, Quantity 10	41.44

FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 6 In. Spacing, 26 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
5YTAN281515		Depth Gauging Press Wheel 1 x 12, Quantity 1	53.76
5YTAN162400		Depth Gauging Press Wheel 2 x 13, Quantity 1	54.88
5YTAA80305		Depth Gauging Press Wheel 4 x 12 Double Rib, Quantity 1	See Parts
5YTBN280000		Depth Gauging Press Wheel Arm Less Wheel, Quantity 1 <i>Must also order desired press wheels and footboard extension brackets.</i>	63.84
5YTBN211069		Double Disk Opener Assembly with Long Aluminum Boot	251.64
5YTBN211071		Double Disk Opener Assembly with Long Cast Iron Boot	336.96
5YTBN211068		Double Disk Opener Assembly with Short Aluminum Boot	245.16
5YTBN211070		Double Disk Opener Assembly with Short Cast Iron Boot	331.56
5YTAN282365		Double Disk Outside Scrapers, 10 Pair <i>Must also order conversion parts if used in combination with depth gauging press wheels.</i>	154.56
5YTBN210945		Footboard Extension Brackets <i>Order 1 for each machine to be equipped with depth gauging press wheels.</i>	41.44
5YT7015417		French Operators Manual, PDI, and Decal Kit (BD11 Drills)	223.56
5YTBN906612		Grass Seed Attachment for 26 Openers <i>For 26 opener, 6 In. spacing configuration.</i>	3,122.28
5YTAN212672		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND outside scrapers.</i>	152.32
5YT7015416		Spanish Operators Manual, PDI, and Decal Kit	231.84
5YTBN210047		Tru-Vee Opener Attachment, One Row <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	318.60

FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 6 In. Spacing, 26 Openers, and Standard Grain Agitator
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FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 7.5 In. Spacing, 21 Openers, and Standard Grain Agitator
 Equipment for Base Machine

Number of Openers: 21
 Available Row Spacings: 7.5 In.
 Working Width: 13 Ft. 1 In.
 Transport Width: 15 Ft. 1 In.
 Opener Type: 13 In. Double Disk /
 Staggered Pattern
 Seedboot Types:
 Cast Aluminum or Cast Iron
 Opener Downpressure:
 124 lbs. Maximum
 Metering: Fluted Feed
 Transport Ground Clearance: 5.5 In.
 Weight with Plain Box
 (7.5 In. Spacing): 2,225 lb.
 Weight with Combo Box
 (7.5 In. Spacing): 2,435 lb.
 Tires:
 7.5-20, 4PR Rib Implement OR
 7.5-20, 4PR Double-Rib Implement

Box Capacity (Plain Box):
 2.8 Bushel/Ft. - 36.4 Bushel
 Box Capacity (Combo Box):
 3.4 Bushel/Ft.
 40 Percent Grain: 17.5 Bushel
 60 Percent Grain: 23.6 Bushel
 100 Percent Grain: 35.9 Bushel
 Box Capacity (Grass Seed): 1.7 Bushel
 Acremeter: Standard
 Assembly/Set-Up Time: 3 Man-Hours
 for Base Machine, 1 Additional Hour
 for Grass Seed Attachment
 Warranty: 1 Year Parts and Labor

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3005XF		BD1113 End Wheel Grain Drill, 7.5 In. Spacing, 21 Openers, and Standard Grain Agitator	17,034.00
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BOX TYPE

1000		Plain Grain	In Base Price
1010		Combination Grain/Fertilizer	5,108.00

OPENERS

2035		Double Disk Aluminum Boot	In Base Price
2045		Double Disk Cast Iron Boot	1,756.00

WHEELS AND TIRES

3100		7.50 x 20 Farm Implement	In Base Price
3105		7.50 x 20 Double Rib	-103.00

DESTINATION

0195		Mexico	In Base Price
0202		English	No Added Cost
0184		Canada	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		English Export Manual,PDI and Decal Kit	In Base Price
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FRONTIER PRODUCTS

Planting & Seeding

BD1113 End Wheel Grain Drill, 7.5 In. Spacing, 21 Openers, and Standard Grain Agitator

Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
0413		French Export Manual,PDI and Decal Kit	207.00
0437		Spanish Export Manual,PDI and Decal Kit	207.00
GRASS SEED BOX			
8003		Grass Seed Box	2,576.00
PRESS WHEELS			
8010		Depth Gauge Press Wheel Arm Less Wheel with Footboard Extension Brackets <i>If Depth Gauge Press Wheel Arms are ordered, you must order option code 9009, or 9010, or 9012 Press Wheel.</i>	1,141.00
MISCELLANEOUS			
9005		Cover Chains	106.00
9060		Tru-Vee Opener Attachment <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	6,431.00
PRESS WHEELS			
9009		1 x 12 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	979.00
9010		2 x 13 Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	974.00
9012		4 x 12 Double Rib Depth Gauge Press Wheel <i>If code 8010 Press Wheel Arms are ordered, you must order a Depth Gauge Press Wheel (Option 9009, or 9010, or 9012). Press Wheel options include the necessary number of wheels for chosen machine configuration.</i>	1,576.00
SCRAPERS			
9040		Double Disk Outside Scrapers <i>Must also order outside scraper conversion parts (option 9050) if used in combination with depth gauging press wheels.</i>	415.00
9050		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND double disk outside scrapers.</i>	136.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5YTBN160419	Cover Chains, Quantity 10	41.44

FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 7.5 In. Spacing, 21 Openers, and Standard Grain Agitator
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
5YTAN281515		Depth Gauging Press Wheel 1 x 12, Quantity 1	53.76
5YTAN162400		Depth Gauging Press Wheel 2 x 13, Quantity 1	54.88
5YTAA80305		Depth Gauging Press Wheel 4 x 12 Double Rib, Quantity 1	See Parts
5YTBN280000		Depth Gauging Press Wheel Arm Less Wheel, Quantity 1 <i>Must also order desired press wheels and footboard extension brackets.</i>	63.84
5YTBN211069		Double Disk Opener Assembly with Long Aluminum Boot	251.64
5YTBN211071		Double Disk Opener Assembly with Long Cast Iron Boot	336.96
5YTBN211068		Double Disk Opener Assembly with Short Aluminum Boot	245.16
5YTBN211070		Double Disk Opener Assembly with Short Cast Iron Boot	331.56
5YTAN282365		Double Disk Outside Scrapers, 10 Pair <i>Must also order conversion parts if used in combination with depth gauging press wheels.</i>	154.56
5YTBN210945		Footboard Extension Brackets <i>Order 1 for each machine to be equipped with depth gauging press wheels.</i>	41.44
5YT7015417		French Operators Manual, PDI, and Decal Kit (BD11 Drills)	223.56
5YTBN906611		Grass Seed Attachment for 21 Openers <i>For 21 opener, 7.5 In. spacing configuration.</i>	2,980.80
5YTAN212672		Outside Scraper Conversion Parts, 26 Pair <i>Required on drill with depth gauging press wheels AND outside scrapers.</i>	152.32
5YT7015416		Spanish Operators Manual, PDI, and Decal Kit	231.84
5YTBN210047		Tru-Vee Opener Attachment, One Row <i>For use with aluminum boot furrow openers only. Does not include opener.</i>	318.60

FRONTIER PRODUCTS
Planting & Seeding

BD1113 End Wheel Grain Drill, 7.5 In. Spacing, 21 Openers, and Standard Grain Agitator
Continued

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FRONTIER PRODUCTS
Planting & Seeding

CS1360 Conservation Seeder, 5 Ft. Wide Single Large Seed Box
 Equipment for Base Machine

Machine Weight: 1480 lbs. (Empty)
 Tractor Horsepower: 30 HP Minimum
 3 Point Hitch Type
 Category I and II
 Working Width: 60 In.
 Overall Width: 73 In.
 Unit Length: 67 In.
 Unit Height: 48 In.
 Large Seed Box / Stainless Steel Box /
 Native Grass Seed Box Capacity:
 4.36 Cubic Ft. (3.50 Bushel)
 Legume Seed Box Capacity:
 1.87 Cubic Ft. (1.50 Bushel)
 Front Spike Roller:
 15.75 In. OD with 72 Spikes
 Rear Spike Roller:

15.75 In. OD with 114 Spikes
 Rear Cultipacker Roller:
 Fiber Reinforced Nylon Rings or
 Cast Iron Rings
 Roller Spikes: AR-500 Steel
 Spike Roller Drive Ratio: 15:22
 Seed Box Drive Ratio: 15:28 Standard
 iMatch Compatible: Yes
 Approximate Set-up Time: 1 Man Hour

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3081XF		CS1360 Conservation Seeder, 5 Ft. Wide Single Large Seed Box	10,849.00
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SMALL SEED BOX

1000		Small Seed Box <i>For planting legumes and other small seeds.</i>	In Base Price
1095		Less Small Seed Box	-1,195.00

SECONDARY BOX

2000		Stainless Steel Fertilizer Box	2,957.00
2010		Native Grass Box <i>Includes paddle agitator and picker wheels.</i>	2,188.00
2020		Second Large Seed Box	1,542.00
2095		Less Secondary Box	In Base Price

REAR CULTIPACKER TYPE

3000		Cast Iron Wheels	617.00
3010		Poly Wheels	In Base Price

REAR CULTIPACKER SCRAPER

9000		Rear Cultipacker Scraper For Cast Iron Wheels	182.00
9010		Rear Cultipacker Scraper for Nylon Wheels	182.00

ATTACHMENTS FOR FIELD CONVERSION

FRONTIER PRODUCTS
Planting & Seeding

CS1360 Conservation Seeder, 5 Ft. Wide Single Large Seed Box
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
		Miscellaneous	
5SBGSC012		Additional Large Seed Box with Extended Chain Guard	2,471.04
5SBGSC014		Native Grass Seed Box with Extended Chain Guard	2,695.68
5SBGSC006		Rear Cultipacker Scraper for Cast Iron Wheels	196.56
5SBGSC003		Rear Cultipacker Scraper for Nylon Wheels	196.56
5SBGSC008		Small Seed Box	1,680.48
5SBGSC010		Stainless Steel Fertilizer Box with Extended Chain Guard	3,819.96

FRONTIER PRODUCTS
Planting & Seeding

CS1384 Conservation Seeder, 7 Ft. Wide Single Large Seed Box
 Equipment for Base Machine

Machine Weight: 2090 lbs. (Empty)
 Tractor Horsepower: 50 HP Min
 3 Point Hitch Type Category I and II
 Working Width: 84 In.
 Overall Width: 98 In.
 Unit Length: 76 In.
 Unit Height: 54 In.
 Large Seed Box / Stainless Steel Box /
 Native Grass Seed Box Capacity:
 10.27 Cubic Ft. (8.25 Bushel)
 Legume Seed Box Capacity:
 2.64 Cubic Ft. (2.12 Bushel)
 Front Spike Roller:
 19.75 In. OD with 132 Spikes
 Rear Spike Roller:

19.75 In. OD with 150 Spikes
 Rear Cultipacker Roller:
 Fiber Reinforced Nylon Rings or
 Cast Iron Rings
 Roller Spikes: AR-500 Steel
 Spike Roller Drive Ratio: 15:20
 Seed Box Drive Ratio: 17:28 Standard
 Cat II Quick Hitch Compatible: Yes
 Approximate Set-up Time: 1 Man Hour

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3082XF		CS1384 Conservation Seeder, 7 Ft. Wide Single Large Seed Box	15,333.00
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SMALL SEED BOX

1000		Small Seed Box <i>For planting legumes and other small seeds.</i>	In Base Price
1095		Less Small Seed Box	-1,388.00

SECONDARY BOX

2000		Stainless Steel Fertilizer Box	3,256.00
2010		Native Grass Box <i>Includes paddle agitator and picker wheels.</i>	2,872.00
2020		Second Large Seed Box	1,837.00
2095		Less Secondary Box	In Base Price

REAR CULTIPACKER TYPE

3000		Cast Iron Wheels	816.00
3010		Poly Wheels	In Base Price

REAR CULTIPACKER SCRAPER

9000		Rear Cultipacker Scraper For Cast Iron Wheels	256.00
9010		Rear Cultipacker Scraper for Nylon Wheels	256.00

ATTACHMENTS FOR FIELD CONVERSION

FRONTIER PRODUCTS
Planting & Seeding

CS1384 Conservation Seeder, 7 Ft. Wide Single Large Seed Box
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
ATTACHMENTS FOR FIELD CONVERSION ...Continued...			
Miscellaneous			
5SBGSC013		Additional Large Seed Box with Extended Chain Guard	3,235.68
5SBGSC015		Native Grass Seed Box with Extended Chain Guard	3,687.12
5SBGSC007		Rear Cultipacker Scraper for Cast Iron Wheels	276.48
5SBGSC005		Rear Cultipacker Scraper for Nylon Wheels	276.48
5SBGSC009		Small Seed Box	2,246.40
5SBGSC011		Stainless Steel Fertilizer Box with Extended Chain Guard	4,876.20

FRONTIER PRODUCTS
Planting & Seeding

GS1148 OVERSEEDER SINGLE SEED BOX
 Equipment for Base Machine

Machine Weight: 779 lbs. (Empty)	Front Spike Roller or Concave Notch Disc
Tractor Horsepower: 35 HP Minimum	Drive Spike Roller
3 Point Hitch Type	Rear Cultipacker Roller:
Category I and II	Fiber Reinforced Nylon Rings or
Working Width: 49.25 In.	Cast Iron Rings
Overall Width: 61.25 In.	iMatch Compatible: Yes
Standard Single Seed Box (Optional Three Seed Box Configuration)	Cat II Quick Hitch Compatible: Yes
Primary Seed Box Capacity:	Approximate Set-up Time: 1 Man Hour
4 Bushel	
Legume Seed Box Capacity:	
1 Bushel	
Native Seed Box Capacity:	
5 Bushel	

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

2951XF		GS1148 OVERSEEDER SINGLE SEED BOX	4,599.00
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SEED BOX CONFIGURATION

2721		IN BASE SINGLE SEED BOX <i>GS1148 OVERSEEDER SINGLE SEED BOX</i>	In Base Price
2722		BASE PLUS LEGUME SEED BOX <i>GS1148 OVERSEEDER SINGLE & LEGUME SEED BOXES</i>	2,048.00
2723		BASE PLUS LEGUME AND NATIVE SEED BOXES <i>GS1148 OVERSEEDER SINGLE, LEGUME & NATIVE SEED BOXES</i>	4,096.00

FRONT GANG

7401		ANGLING SPIKE ROLLER <i>48" ANGLING SPIKE ROLLER - 5WD103565048</i>	1,463.00
7402		CONCAVE DISC <i>48" ANGLING DISC - 5WD103465648</i>	1,463.00

DESTINATION

0202		UNITED STATES	In Base Price
0184		CANADA	No Added Cost
0205		QUEBEC, CANADA	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		OVERSEEDER ENGLISH OM/DECAL KIT	In Base Price
0413		OVERSEEDER FRENCH OM/DECAL KIT	No Added Cost
0437		OVERSEEDER SPANISH OM/DECAL KIT	No Added Cost

FRONTIER PRODUCTS
 Planting & Seeding

GS1148 OVERSEEDER SINGLE SEED BOX
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
ATTACHMENTS - ORDER AS DESIRED			
907A		CAST IRON CULTIPACKER <i>GS1148 CAST IRON CULTIPACKER - 5WD103465548</i>	1,184.00
907B		NYLON CULTIPACKER <i>GS1148 NYLON CULTIPACKER - 5WD103877748</i>	1,184.00
907C		FRONT SPIKED ROLLER SCRAPER KIT <i>KIT SCRAPER 48 FRONT SPIKE RLR - 5WD103646848</i>	171.00
907D		KIT SCRAPER OVERSEEDER CONCAVE DISC - 5WD1036470	378.00
907E		KIT SCRAPER SPIKE DRIVE RLR <i>KIT SCRAPER 48 SPIKE DRIVE RLR - 5WD103646948</i>	171.00
907F		KIT SCRAPER CULT CAST IRON <i>KIT SCRAPER 48 CULT CAST IRON - 5WD103642048</i>	171.00
907G		KIT SCRAPER CULT NYLON <i>KIT SCRAPER 48 CULT NYLON - 5WD103642148</i>	171.00
907J		LIGHT KIT - 5WD604387	493.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5WD1036395	ACSY, SLOW CHAIN DRIVE SEEDER	406.08
	5WD1036396	ACSY, SLOW CHAIN DRIVE SEEDER	455.76
	5WD103877748	CULTIPKR 48 NYLON SDR ACCESSRY	1,261.44
	5WD103465548	CULTIPKR 48 SEEDER ACCESSORY	1,246.32
	5WD103465648	DISC 48 SEEDER ACCESSORY	1,466.64
	5WD103565048	FRT RLR 48 SEEDER ACCESSORY	2,417.04
	5WD103642048	KIT SCRAPER 48 CULT CAST IRON	307.80
	5WD103642148	KIT SCRAPER 48 CULT NYLON	196.56
	5WD103646848	KIT SCRAPER 48 FRONT SPIKE RLR	302.40
	5WD103646948	KIT SCRAPER 48 SPIKE DRIVE RLR	217.08
	5WD1036470	KIT SCRAPER DISC SEEDER	581.04
	5WD1038658	KIT SEED STOP SEEDER	63.84
	5WD604387	KIT, PSS LIGHTS ACSY	554.04
	5WD103567848	LEGUME 48 SEEDER ACCESSORY	1,657.80

FRONTIER PRODUCTS
Planting & Seeding

GS1148 OVERSEEDER SINGLE SEED BOX
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		ATTACHMENTS FOR FIELD CONVERSION ...Continued...	
	5WD103568048	NATIVE 48 SEEDER ACCESSORY	2,716.20

FRONTIER PRODUCTS
Planting & Seeding

GS1148 OVERSEEDER SINGLE SEED BOX
Continued

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FRONTIER PRODUCTS
Planting & Seeding

GS1160 OVERSEEDER SINGLE SEED BOX
 Equipment for Base Machine

Machine Weight: 861 lbs. (Empty)
 Tractor Horsepower: 45 HP Minimum
 3 Point Hitch Type
 Category I and II
 Working Width: 60 In.
 Overall Width: 72 In.
 Standard Single Seed Box (Optional Three Seed Box Configuration)
 Primary Seed Box Capacity:
 5 Bushel
 Legume Seed Box Capacity:
 1.25 Bushel
 Native Seed Box Capacity:
 6.25 Bushel

Front Spike Roller or Concave Notch Disc
 Drive Spike Roller
 Rear Cultipacker Roller:
 Fiber Reinforced Nylon Rings or
 Cast Iron Rings
 iMatch Compatible: Yes
 Cat II Quick Hitch Compatible: Yes
 Approximate Set-up Time: 1 Man Hour

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

2961XF		GS1160 OVERSEEDER SINGLE SEED BOX	5,185.00
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SEED BOX CONFIGURATION

2721		IN BASE SINGLE SEED BOX <i>GS1160 OVERSEEDER SINGLE SEED BOX</i>	In Base Price
2722		BASE PLUS LEGUME SEED BOX <i>GS1160 OVERSEEDER SINGLE & LEGUME SEED BOXES</i>	2,118.00
2723		BASE PLUS LEGUME AND NATIVE SEED BOXES <i>GS1160 OVERSEEDER SINGLE, LEGUME & NATIVE SEED BOXES</i>	4,236.00

FRONT GANG

7401		ANGLING SPIKE ROLLER <i>60" ANGLING SPIKE ROLLER - 5WD103565060</i>	1,650.00
7402		CONCAVE DISC <i>60" ANGLING DISC - 5WD103465660</i>	1,650.00

DESTINATION

0202		UNITED STATES	In Base Price
0184		CANADA	No Added Cost
0205		QUEBEC, CANADA	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		OVERSEEDER ENGLISH OM/DECAL KIT	In Base Price
0413		OVERSEEDER FRENCH OM/DECAL KIT	No Added Cost
0437		OVERSEEDER SPANISH OM/DECAL KIT	No Added Cost

FRONTIER PRODUCTS
 Planting & Seeding

GS1160 OVERSEEDER SINGLE SEED BOX
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
ATTACHMENTS - ORDER AS DESIRED			
907A		CAST IRON CULTIPACKER <i>GS1160 CAST IRON CULTIPACKER - 5WD103465560</i>	1,305.00
907B		NYLON CULTIPACKER <i>GS1160 NYLON CULTIPACKER - 5WD103877760</i>	1,305.00
907C		FRONT SPIKED ROLLER SCRAPER KIT <i>KIT SCRAPER 60 FRONT SPIKE RLR - 5WD103646860</i>	184.00
907D		KIT SCRAPER OVERSEEDER CONCAVE DISC - 5WD1036470	378.00
907E		KIT SCRAPER SPIKE DRIVE RLR <i>KIT SCRAPER 60 SPIKE DRIVE RLR - 5WD103646960</i>	184.00
907F		KIT SCRAPER CULT CAST IRON <i>KIT SCRAPER 60 CULT CAST IRON - 5WD103642060</i>	184.00
907G		KIT SCRAPER CULT NYLON <i>KIT SCRAPER 60 CULT NYLON - 5WD103642160</i>	184.00
907J		LIGHT KIT - 5WD604387	493.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5WD1036395	ACSY, SLOW CHAIN DRIVE SEEDER	406.08
	5WD1036396	ACSY, SLOW CHAIN DRIVE SEEDER	455.76
	5WD103877760	CULTIPKR 60 NYLON SDR ACCESSRY	1,520.64
	5WD103465560	CULTIPKR 60 SEEDER ACCESSORY	1,434.24
	5WD103465660	DISC 60 SEEDER ACCESSORY	1,481.76
	5WD103565060	FRT RLR 60 SEEDER ACCESSORY	2,505.60
	5WD103642060	KIT SCRAPER 60 CULT CAST IRON	313.20
	5WD103642160	KIT SCRAPER 60 CULT NYLON	203.04
	5WD103646860	KIT SCRAPER 60 FRONT SPIKE RLR	315.36
	5WD103646960	KIT SCRAPER 60 SPIKE DRIVE RLR	233.28
	5WD1036470	KIT SCRAPER DISC SEEDER	581.04
	5WD1038658	KIT SEED STOP SEEDER	63.84
	5WD604387	KIT, PSS LIGHTS ACSY	554.04
	5WD103567860	LEGUME 60 SEEDER ACCESSORY	1,761.48

FRONTIER PRODUCTS
Planting & Seeding

GS1160 OVERSEEDER SINGLE SEED BOX
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		ATTACHMENTS FOR FIELD CONVERSION ...Continued...	
	5WD103568060	NATIVE 60 SEEDER ACCESSORY	2,920.32

FRONTIER PRODUCTS
Planting & Seeding

GS1160 OVERSEEDER SINGLE SEED BOX
Continued

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FRONTIER PRODUCTS
Planting & Seeding

GS1172 OVERSEEDER SINGLE SEED BOX
 Equipment for Base Machine

Machine Weight: 1132 lbs. (Empty)
 Tractor Horsepower: 55 HP Minimum
 3 Point Hitch Type
 Category I and II
 Working Width: 72 In.
 Overall Width: 84 In.
 Standard Single Seed Box (Optional Three Seed Box Configuration)
 Primary Seed Box Capacity:
 6 Bushel
 Legume Seed Box Capacity:
 1.5 Bushel
 Native Seed Box Capacity:
 7.5 Bushel

Front Spike Roller or Concave Notch Disc
 Drive Spike Roller
 Rear Cultipacker Roller:
 Fiber Reinforced Nylon Rings or
 Cast Iron Rings
 iMatch Compatible: Yes
 Cat II Quick Hitch Compatible: Yes
 Approximate Set-up Time: 1 Man Hour

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

2971XF		GS1172 OVERSEEDER SINGLE SEED BOX	5,950.00
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SEED BOX CONFIGURATION

2721		IN BASE SINGLE SEED BOX <i>GS1172 OVERSEEDER SINGLE SEED BOX</i>	In Base Price
2722		BASE PLUS LEGUME SEED BOX <i>GS1172 OVERSEEDER SINGLE & LEGUME SEED BOXES</i>	2,207.00
2723		BASE PLUS LEGUME AND NATIVE SEED BOXES <i>GS1172 OVERSEEDER SINGLE, LEGUME & NATIVE SEED BOXES</i>	4,414.00

FRONT GANG

7401		ANGLING SPIKE ROLLER <i>72" ANGLING SPIKE ROLLER - 5WD103565072</i>	1,917.00
7402		CONCAVE DISC <i>72" ANGLING DISC - 5WD103465672</i>	1,917.00

DESTINATION

0202		UNITED STATES	In Base Price
0184		CANADA	No Added Cost
0205		QUEBEC, CANADA	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		OVERSEEDER ENGLISH OM/DECAL KIT	In Base Price
0413		OVERSEEDER FRENCH OM/DECAL KIT	No Added Cost
0437		OVERSEEDER SPANISH OM/DECAL KIT	No Added Cost

FRONTIER PRODUCTS
 Planting & Seeding

GS1172 OVERSEEDER SINGLE SEED BOX
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
ATTACHMENTS - ORDER AS DESIRED			
907A		CAST IRON CULTIPACKER <i>GS1172 CAST IRON CULTIPACKER - 5WD103465572</i>	1,440.00
907B		NYLON CULTIPACKER <i>GS1172 NYLON CULTIPACKER - 5WD103877772</i>	1,440.00
907C		FRONT SPIKED ROLLER SCRAPER KIT <i>KIT SCRAPER 72 FRONT SPIKE RLR - 5WD103646872</i>	202.00
907D		KIT SCRAPER OVERSEEDER CONCAVE DISC - 5WD1036470	378.00
907E		KIT SCRAPER SPIKE DRIVE RLR <i>KIT SCRAPER 72 SPIKE DRIVE RLR - 5WD103646972</i>	202.00
907F		KIT SCRAPER CULT CAST IRON <i>KIT SCRAPER 72 CULT CAST IRON - 5WD103642072</i>	202.00
907G		KIT SCRAPER CULT NYLON <i>KIT SCRAPER 72 CULT NYLON - 5WD103642172</i>	202.00
907J		LIGHT KIT - 5WD604387	493.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5WD1036395	ACSY, SLOW CHAIN DRIVE SEEDER	406.08
	5WD1036396	ACSY, SLOW CHAIN DRIVE SEEDER	455.76
	5WD103877772	CULTIPKR 72 NYLON SDR ACCESSRY	1,670.76
	5WD103465572	CULTIPKR 72 SEEDER ACCESSORY	1,637.28
	5WD103465672	DISC 72 SEEDER ACCESSORY	1,839.24
	5WD103565072	FRT RLR 72 SEEDER ACCESSORY	2,846.88
	5WD103642072	KIT SCRAPER 72 CULT CAST IRON	334.80
	5WD103642172	KIT SCRAPER 72 CULT NYLON	224.64
	5WD103646872	KIT SCRAPER 72 FRONT SPIKE RLR	322.92
	5WD103646972	KIT SCRAPER 72 SPIKE DRIVE RLR	248.40
	5WD1036470	KIT SCRAPER DISC SEEDER	581.04
	5WD1038658	KIT SEED STOP SEEDER	63.84
	5WD604387	KIT, PSS LIGHTS ACSY	554.04
	5WD103567872	LEGUME 72 SEEDER ACCESSORY	1,878.12

FRONTIER PRODUCTS
Planting & Seeding

GS1172 OVERSEEDER SINGLE SEED BOX
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		ATTACHMENTS FOR FIELD CONVERSION ...Continued...	
	5WD103568072	NATIVE 72 SEEDER ACCESSORY	3,191.40

FRONTIER PRODUCTS
Planting & Seeding

GS1172 OVERSEEDER SINGLE SEED BOX
Continued

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FRONTIER PRODUCTS
Planting & Seeding

GS1184 OVERSEEDER SINGLE SEED BOX
 Equipment for Base Machine

Machine Weight: 1249 lbs. (Empty)
 Tractor Horsepower: 65 HP Minimum
 3 Point Hitch Type
 Category I and II
 Working Width: 84 In.
 Overall Width: 96 In.
 Standard Single Seed Box (Optional Three Seed Box Configuration)
 Primary Seed Box Capacity:
 7 Bushel
 Legume Seed Box Capacity:
 1.75 Bushel
 Native Seed Box Capacity:
 8.75 Bushel

Front Spike Roller or Concave Notch Disc
 Drive Spike Roller
 Rear Cultipacker Roller:
 Fiber Reinforced Nylon Rings or
 Cast Iron Rings
 iMatch Compatible: Yes
 Cat II Quick Hitch Compatible: Yes
 Approximate Set-up Time: 1 Man Hour

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

2981XF		GS1184 OVERSEEDER SINGLE SEED BOX	6,952.00
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SEED BOX CONFIGURATION

2721		IN BASE SINGLE SEED BOX <i>GS1184 OVERSEEDER SINGLE SEED BOX</i>	In Base Price
2722		BASE PLUS LEGUME SEED BOX <i>GS1184 OVERSEEDER SINGLE & LEGUME SEED BOXES</i>	2,322.00
2723		BASE PLUS LEGUME AND NATIVE SEED BOXES <i>GS1184 OVERSEEDER SINGLE, LEGUME & NATIVE SEED BOXES</i>	4,644.00

FRONT GANG

7401		ANGLING SPIKE ROLLER <i>84" ANGLING SPIKE ROLLER - 5WD103565084</i>	2,253.00
7402		CONCAVE DISC <i>84" ANGLING DISC - 5WD103465684</i>	2,253.00

DESTINATION

0202		UNITED STATES	In Base Price
0184		CANADA	No Added Cost
0205		QUEBEC, CANADA	No Added Cost

OPERATOR'S MANUAL AND DECALS

0409		OVERSEEDER ENGLISH OM/DECAL KIT	In Base Price
0413		OVERSEEDER FRENCH OM/DECAL KIT	No Added Cost
0437		OVERSEEDER SPANISH OM/DECAL KIT	No Added Cost

FRONTIER PRODUCTS
 Planting & Seeding

GS1184 OVERSEEDER SINGLE SEED BOX
 Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
OPERATOR'S MANUAL AND DECALS ...Continued...			
ATTACHMENTS - ORDER AS DESIRED			
907A		CAST IRON CULTIPACKER <i>GS1184 CAST IRON CULTIPACKER - 5WD103465584</i>	1,570.00
907B		NYLON CULTIPACKER <i>GS1184 NYLON CULTIPACKER - 5WD103877784</i>	1,570.00
907C		FRONT SPIKED ROLLER SCRAPER KIT <i>KIT SCRAPER 84 FRONT SPIKE RLR - 5WD103646884</i>	219.00
907D		KIT SCRAPER OVERSEEDER CONCAVE DISC - 5WD1036470	378.00
907E		KIT SCRAPER SPIKE DRIVE RLR <i>KIT SCRAPER 84 SPIKE DRIVE RLR - 5WD103646984</i>	219.00
907F		KIT SCRAPER CULT CAST IRON <i>KIT SCRAPER 84 CULT CAST IRON - 5WD103642084</i>	219.00
907G		KIT SCRAPER CULT NYLON <i>KIT SCRAPER 84 CULT NYLON - 5WD103642184</i>	219.00
907J		LIGHT KIT - 5WD604387	493.00
ATTACHMENTS FOR FIELD CONVERSION			
		Miscellaneous	
	5WD1036395	ACSY, SLOW CHAIN DRIVE SEEDER	406.08
	5WD1036396	ACSY, SLOW CHAIN DRIVE SEEDER	455.76
	5WD103877784	CULTIPKR 84 NYLON SDR ACCESSRY	1,888.92
	5WD103465584	CULTIPKR 84 SEEDER ACCESSORY	1,896.48
	5WD103465684	DISC 84 SEEDER ACCESSORY	2,028.24
	5WD103565084	FRT RLR 84 SEEDER ACCESSORY	3,188.16
	5WD103642084	KIT SCRAPER 84 CULT CAST IRON	340.20
	5WD103642184	KIT SCRAPER 84 CULT NYLON	232.20
	5WD103646884	KIT SCRAPER 84 FRONT SPIKE RLR	339.12
	5WD103646984	KIT SCRAPER 84 SPIKE DRIVE RLR	265.68
	5WD1036470	KIT SCRAPER DISC SEEDER	581.04
	5WD1038658	KIT SEED STOP SEEDER	63.84
	5WD604387	KIT, PSS LIGHTS ACSY	554.04
	5WD103567884	LEGUME 84 SEEDER ACCESSORY	2,021.76

FRONTIER PRODUCTS
Planting & Seeding

GS1184 OVERSEEDER SINGLE SEED BOX
Continued

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
		ATTACHMENTS FOR FIELD CONVERSION ...Continued...	
	5WD103568084	NATIVE 84 SEEDER ACCESSORY	3,498.12

FRONTIER PRODUCTS
Planting & Seeding

GS1184 OVERSEEDER SINGLE SEED BOX
Continued

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FRONTIER PRODUCTS
Planting & Seeding

TR2058 - 58 In. PTO Driven Overseeder
 Equipment for Base Machine

Working Width: 58 In.
 Shipping Weight: 1188 lbs.
 Rotor RPM: 231 RPM
 PTO RPM: 540 RPM
 PTO HP: 25 to 50 HP
 Operational Weight: 998 lbs.
 Number Of Flanges: 18
 Number Of Blades: 52
 Hopper Capacity: 5.3 Cubic Ft.
 Category I 3-Point Hitch
 Assembly/Set-Up Time:
 30 Minutes (Approximate)
 Overall Width: 66 In.

Tilling Rotor Complete with C-Blades:
 Optional (7 In. depth)
 Rear Roller Scraper: Optional
 Gauge Wheels: Optional
 Front Roller: Optional
 Note: Gauge Wheels and Front Roller
 Can Not be Used Together

Code	Attachment Identifier	Description	List Price Suggested USD (\$)
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Select One Code From Each Required Category

BASE MACHINE

3041XF		TR2058 - 58 In. PTO Driven Overseeder	9,623.00
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FRONT ROLLER

9000		Front Roller <i>Can not be used in conjunction with Gauge Wheels.</i>	661.00
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REAR ROLLER

9020		Rear Roller Scraper	245.00
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TILLING ROLLER

9030		Tilling Roller <i>Includes C-Blades.</i>	554.00
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GAUGE WHEELS

9010		Gauge Wheels <i>Can not be used in conjunction with Front Roller.</i>	393.00
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ATTACHMENTS FOR FIELD CONVERSION

Miscellaneous			
5BP0099516	Front Roller		590.45
5BP0099875	Gauge Wheels		429.75
5BP0099539	Rear Roller Scraper		1,085.61
5BP0099517	Tilling Rotor <i>Includes C-Blades</i>		112.39

FRONTIER PRODUCTS
Planting & Seeding

TR2058 - 58 In. PTO Driven Overseeder
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