

PRICE LIST NO. 03

Applying to the Complete Line of

Northfield

WOODWORKING MACHINERY

SUPERSEDING AND CANCELLING ALL PREVIOUS ISSUES

SUBJECT TO CHANGE WITHOUT NOTICE

Effective September 1, 2014

Visit our Website

www.northfieldwoodworking.com

Northfield **MACHINERY BUILDERS, INC.**

320 Water Street North
P.O. Box 140
Northfield, MN 55057

Phone: (507) 645-5641
Fax: (507) 645-4005
Email: northfield@northfieldwoodworking.com





NOTES, TERMS AND CONDITIONS APPLICABLE TO THIS PRICE LIST

All orders for machinery must be by purchase order sent by mail or FAX and when accepted by us may be cancelled only with our consent and then upon payment of our standard 15% restocking charge.

All prices are F.O.B. our loading dock Northfield, Minnesota, and include packing for domestic shipments.

Terms: Net 30 days from date of shipment, on all sales including government, institutional and public bids. We do not handle Conditional Sales Contracts. A service charge of 1.5% will be applied to all invoices not paid within 30 days.

We will not be held responsible for losses or delays caused by strikes, fires or other contingencies beyond our control.

We reserve the right to quote direct on government or institutional bids; and to quote all customers direct on repairs or special machinery.

On ALL orders specify a single voltage, phase and cycle that the machine should be wired, even though many motors may be listed as dual voltage.

For motors requiring a different horsepower, voltage, phase or cycle than shown – CONTACT FACTORY.

For machines requiring UL, CSA or municipality code compliance such as Los Angeles and Chicago – CONTACT FACTORY.

When ordering repair parts, the serial number of the machine MUST be stated on the order.

There is a \$25.00 minimum charge on all repair part orders.

Parts being returned must be by our consent with a minimum 20% restock charge.

NEMA 12 electrics are basically the same as JIC, having a magnetic starter with overload protection in a dust tight NEMA 12 enclosure with a fused disconnect switch and control transformer for 110 volt at push button – oil tight push button station and all wiring in liquid tight conduit and connectors, where possible.

There is a \$125.00 charge for special paint. Paint to be supplied by customer.

For export crating, a charge of \$7.00/cubic ft. will be charged. This is a NET amount.

For hour meters on all machines \$200.00.

For 380 volt 50hz machinery, choose next larger HP pricing.

All freight claims for damaged goods are the responsibility of the consignee, regardless of whether freight is shipped prepaid or collect.

Service labor is \$110.00 per hour portal to portal plus expenses.

SURFACE FEET PER REVOLUTION

20" Band Saw	5.236 ft.
27" Band Saw	7.068 ft.
32" Band Saw	8.377 ft.
36" Band Saw	9.424 ft.

TO CALCULATE BLADE SPEED IN FPM:

Multiply RPM x 9.424' – 36" wheel
 examples: 900 RPM x 9.424 = 8481 FPM
 300 RPM x 9.424 = 2827 FPM



NORTHFIELD BAND SAWS

20" NORTHFIELD HEAVY DUTY BAND SAW equipped with aluminum alloy disc wheels – heavy duty ball bearing quills – table 25" x 25" tilts 45° R and 10° L – blade tension indicator – removable table insert – two ball bearing guides, totally enclosed heavy steel hinged guards – dust chute – 14" under guide – 10" under guard – blade tracking guide – one 3/8" blade – foot brake – sealed for life ball bearings – hand wheel for tilting table – spring counterbalance.

Base Price for Belt Drive Machines (see page 7 for drive assemblies)\$ 9,740.00

Direct Motor Drive (lower wheel mounted on motor shaft) includes magnetic starter with 110 volt at push button – TEFC motor:

- 2 HP 900 RPM - 4,710 FPM\$ 10,900.00
- 2 HP 1,200 RPM - 6,280 FPM\$ 10,530.00
- 3 HP 900 RPM - 4,710 FPM\$ 11,150.00
- 3 HP 1,200 RPM - 6,280 FPM\$ 10,660.00
- 5 HP 900 RPM - 4,710 FPM\$ 11,560.00
- 5 HP 1,200 RPM - 6,280 FPM\$ 10,940.00

For other DMD prices – Contact Factory
 230/460 Volt, 3 PH, 60 HZ std.
 200-208 & 575 Volt – Contact Factory

Approximate shipping weight – lbs. 1070 (1,200 Exp. 74 cu. ft.)

EXTRAS (For 20" Band Saws) (Additional Extras on Page 6)

- 2-wheel foot operated mechanical brakes\$ 1,050.00
- Upper wheel automatic electric brake, 6 ft. lb., includes tension control for motorized machines only\$ 950.00

Upper and lower wheel automatic electric brake, includes tension control for DMD machines
Add to above DMD prices

- 2 HP 900 RPM\$ 3,300.00
- 3 HP 900 RPM\$ 3,300.00
- 2 HP 1,200 RPM\$ 2,630.00
- 3 HP 1,200 RPM\$ 3,130.00

Upper and lower wheel automatic electric brake includes tension control for constant speed BELT DRIVE machines only with 1,800 RPM motors. ADD TO CONSTANT SPEED BELT DRIVE PRICES ON PAGE 7. For single phase – Contact Factory.

- 2 HP\$ 1,800.00
- 3 HP\$ 2,220.00
- 5 HP\$ 2,510.00

- 18" under guide gives 14" under guard\$ 1,120.00
- 24" under guide gives 20" under guard\$ 1,200.00
- 36" under guide gives 32" under guard\$ 1,360.00
- Left Hand\$ 1,000.00
- Rolling Base\$ 2,960.00
- Rolling and tilting option\$ 6,050.00
- 26" x 33" table in lieu of 25" x 25" table\$ 250.00

See BAND SAW EXTRAS for other accessories

Machine requires approximately 400 CFM air flow for dust collection.
 Dust outlet 3" w x 3 3/4" h. Use 4" pipe.
 Belt Drive Blade length 11'10"
 Approximate height of 20" Bandsaw is 79"

	DMD Motor Amperages 3 Phase	
	230	460
2 HP 900	8.5	4.25
2 HP 1200	6	3
3 HP 900	11.5	5.75
3 HP 1200	9.5	4.75
5 HP 900	17	8.5
5 HP 1200	14	7

NORTHFIELD BAND SAWS

27" NORTHFIELD HEAVY DUTY BAND SAW equipped with aluminum disc wheels – heavy duty ball bearing quills – table 25" x 25" tilts 45° R and 5° L – stationary table 12" x 15" – removable table insert – two ball bearing guides, totally enclosed heavy steel hinged guards – blade tension indicator – dust chute – 15" under guide – 11" under guard – sealed for life ball bearings – foot brake – blade tracking guide – one 3/8" blade – spring counterbalance.

Base Price for Belt Drive Machines (see page 7 for drive assemblies) \$ 11,490.00

Direct Motor Drive (lower wheel mounted on motor shaft) includes magnetic starter with 110 volt at push button – TEFC motor:

3 HP 600 RPM - 4,240 FPM	\$ 14,900.00
3 HP 720 RPM - 5,090 FPM	\$ 14,560.00
3 HP 900 RPM - 6,360 FPM	\$ 13,100.00
3 HP 1,200 RPM - 8,480 FPM	\$ 12,610.00
5 HP 600 RPM - 4,240 FPM	\$ 15,390.00
5 HP 720 RPM - 5,090 FPM	\$ 15,150.00
5 HP 900 RPM - 6,360 FPM	\$ 13,510.00
5 HP 1,200 RPM - 8,480 FPM	\$ 12,890.00
7 1/2 HP 600 RPM - 4,240 FPM	\$ 16,040.00
7 1/2 HP 720 RPM - 5,090 FPM	\$ 15,650.00
7 1/2 HP 900 RPM - 6,360 FPM	\$ 13,890.00
7 1/2 HP 1,200 RPM - 8,480 FPM	\$ 13,130.00
230/460 Volt, 3 PH, 60 HZ std.	
200-208 & 575 Volt – Contact Factory	

Approximate shipping weight – lbs. 1,400 (1,800 Exp. 108 cu. ft.)

EXTRAS (For 27" Band Saws) (Additional Extras on Page 6)

2-wheel foot operated mechanical brakes	\$ 1,110.00
Upper wheel automatic electric brake, 10 ft. lb., includes tension control for motorized machines only	\$ 1,010.00

Upper and lower wheel automatic electric brake, includes tension control for DMD machines
Add to above DMD prices

3 HP 900 RPM	\$ 3,330.00
5 HP 900 RPM	\$ 4,720.00
7 1/2 HP 900 RPM	\$ 4,830.00
3 HP 1,200 RPM	\$ 3,180.00
5 HP 1,200 RPM	\$ 3,430.00
7 1/2 HP 1,200 RPM	\$ 4,290.00

Upper and lower wheel automatic electric brake includes tension control for constant speed BELT DRIVE machines only with 1,800 RPM motors. ADD TO CONSTANT SPEED BELT DRIVE PRICES ON PAGE 7. For single phase – Contact Factory.

3 HP	\$ 2,280.00
5 HP	\$ 2,560.00
7 1/2 HP	\$ 2,980.00

18" under guide gives 14" under guard	\$ 1,140.00
24" under guide gives 20" under guard	\$ 1,250.00
36" under guide gives 32" under guard	\$ 1,450.00
Left Hand	\$ 1,100.00
26" x 33" table in lieu of 25" x 25" table no rear table	\$ 250.00

Machine requires approximately 400 CFM air flow for dust collection.
Dust outlet 3" w x 3 3/4" h. Use 4" pipe.
Belt Drive Blade length 15'

	DMD Motor Amperages 3 Phase	
	230	460
3 HP 900	11.5	5.75
3 HP 1200	9.5	4.75
5 HP 900	17	8.5
5 HP 1200	14	7
7 1/2 HP 900	24	12
7 1/2 HP 1200	22	11

NORTHFIELD BAND SAWS

32" NORTHFIELD HEAVY DUTY BAND SAW equipped with aluminum disc wheels – heavy duty ball bearing quills – table 26" x 33" tilts 45° R and 5° L – stationary table 12" x 18" – totally enclosed steel hinged guards – dust chute – spring counterbalance – foot brake – blade tracking guide – 16" under guide – 10¹/₂" under guard – blade tension indicator – sealed for life ball bearings – one ³/₈" blade.

Base Price for Belt Drive Machines (see page 7 for drive assemblies) \$ 12,640.00

Direct Motor Drive (lower wheel mounted on motor shaft) includes magnetic starter with 110 volt at push button – TEFC motor:

3 HP 600 RPM - 5,020 FPM	\$ 16,040.00
3 HP 720 RPM - 6,030 FPM	\$ 15,740.00
3 HP 900 RPM - 7,530 FPM	\$ 14,290.00
3 HP 1,200 RPM - 10,050 FPM	\$ 13,750.00
5 HP 600 RPM - 5,020 FPM	\$ 16,540.00
5 HP 720 RPM - 6,030 FPM	\$ 16,290.00
5 HP 900 RPM - 7,530 FPM	\$ 14,660.00
5 HP 1,200 RPM - 10,050 FPM	\$ 14,040.00
7 ¹ / ₂ HP 600 RPM - 5,020 FPM	\$ 17,180.00
7 ¹ / ₂ HP 720 RPM - 6,030 FPM	\$ 16,790.00
7 ¹ / ₂ HP 900 RPM - 7,530 FPM	\$ 15,030.00
7 ¹ / ₂ HP 1,200 RPM - 10,050 FPM	\$ 14,270.00
230/460 Volt, 3 PH, 60 HZ std.	
200-208 & 575 Volt – Contact Factory	
<i>Approximate shipping weight – lbs. 1,800 (2,400 Exp. 140 cu. ft.)</i>	

EXTRAS (For 32" Band Saws) (Additional Extras on Page 6)

2-wheel foot operated mechanical brakes	\$ 1,500.00
Upper wheel automatic electric brake, 25 ft. lb., includes tension control for motorized machines only	\$ 1,400.00

Upper and lower wheel automatic electric brake, includes tension control for DMD machines
Add to above DMD prices

3 HP 900 RPM	\$ 3,730.00
5 HP 900 RPM	\$ 5,110.00
7 ¹ / ₂ HP 900 RPM	\$ 5,230.00
3 HP 1,200 RPM	\$ 3,580.00
5 HP 1,200 RPM	\$ 3,820.00
7 ¹ / ₂ HP 1,200 RPM	\$ 4,690.00

Upper and lower wheel automatic electric brake includes tension control for constant speed BELT DRIVE machines only with 1,800 RPM motors. ADD TO CONSTANT SPEED BELT DRIVE PRICES ON PAGE 7. For single phase – Contact Factory.

3 HP	\$ 2,670.00
5 HP	\$ 2,960.00
7 ¹ / ₂ HP	\$ 3,370.00

24" under guide gives 18 ¹ / ₂ " under guard	\$ 1,250.00
36" under guide gives 30 ¹ / ₂ " under guard	\$ 1,450.00
Left Hand	\$ 1,100.00

Machine requires approximately 600 CFM air flow for dust collection.
Dust outlet 4¹/₂" w x 5¹/₂" h. Use 5" pipe.
Belt Drive Blade length 16'7"

DMD Motor Amperages 3 Phase		
	230	460
3 HP 900	11.5	5.75
3 HP 1200	9.5	4.75
5 HP 900	17	8.5
5 HP 1200	14	7
7 ¹ / ₂ HP 900	24	12
7 ¹ / ₂ HP 1200	22	11

NORTHFIELD BAND SAWS

36" NORTHFIELD HEAVY DUTY BAND SAW (Standard) equipped 36" x 2" steel disc wheels with demountable steel reinforced rubber tires – heavy duty quills – table 30" x 36" tilts 45° R and 5° L – stationary table 16" x 19" – removable table inserts – two ball bearing guides – totally enclosed heavy steel hinged guards – dust chute – spring counterbalance – foot brake – tracking guide – tension indicator – capacity 1/4" to 2" wide blades, one 3/8" blade – 22" capacity under guide – 17" under guard – sealed for life ball bearings.

Base Price for Belt Drive Machines (see page 7 for drive assemblies)\$ 18,930.00

Direct Motor Drive (lower wheel mounted on motor shaft) includes magnetic starter with 110 volt at push button – TEFC motor:

5 HP 600 RPM - 5,650 FPM	\$ 22,620.00
5 HP 720 RPM - 6,780 FPM	\$ 22,380.00
5 HP 900 RPM - 8,480 FPM	\$ 20,710.00
5 HP 1,200 RPM - 11,300 FPM	\$ 20,320.00
7 1/2 HP 600 RPM - 5,650 FPM	\$ 23,280.00
7 1/2 HP 720 RPM - 6,780 FPM	\$ 22,880.00
7 1/2 HP 900 RPM - 8,480 FPM	\$ 21,090.00
7 1/2 HP 1,200 RPM - 11,300 FPM	\$ 20,320.00
10 HP 600 RPM - 5,650 FPM	\$ 25,310.00
10 HP 720 RPM - 6,780 FPM	\$ 24,080.00
10 HP 900 RPM - 8,480 FPM	\$ 21,740.00
10 HP 1,200 RPM - 11,300 FPM	\$ 20,790.00
15 HP 900 RPM - 8,480 FPM	\$ 22,520.00
15 HP 1,200 RPM - 11,300 FPM	\$ 21,310.00

230/460 Volt, 3 PH, 60 HZ std.

200-208 & 575 Volt – Contact Factory

Approximate shipping weight – lbs. 2,700 (3,400 Exp. 184 cu. ft.) 9.2' x 4' x 5'

Machine requires approximately 600 CFM air flow for dust collection.

Dust outlet 4 1/2" w x 5 1/2" h. Use 5" pipe.

Belt Drive Blade length 19'11"

Approximate height of 36 standard 103"

EXTRAS (For 36" Band Saws) (Additional Extras on Page 6)

Upper wheel automatic electric brake, 50 ft. lb., includes tension control for standard 36" band saws – motorized machines only\$ 1,610.00

Upper and lower wheel automatic electric brake for DMD machines
The automatic lower brake added to the upper automatic brake gives the very finest, safest and simplest automatic braking system used on any band saw. Works automatically in case of blade breakage, blade running off wheel, lack of tension, power failure and application of foot pedal or stop button

Add to above DMD prices

5 HP 900 RPM	\$ 5,290.00	10 HP 900 RPM	\$ 6,330.00
5 HP 1,200 RPM	\$ 4,010.00	10 HP 1,200 RPM	\$ 4,940.00
7 1/2 HP 900 RPM	\$ 5,410.00	15 HP 900 RPM	\$ 6,510.00
7 1/2 HP 1,200 RPM	\$ 4,870.00	15 HP 1,200 RPM	\$ 5,560.00

For RPM's not listed, contact factory

Upper and lower wheel automatic electric brake includes tension control for constant speed BELT DRIVE machines only with 1800 RPM motors. ADD TO CONSTANT SPEED BELT DRIVE PRICES ON PAGE 7. For single phase – Contact Factory.

5 HP	\$ 3,140.00
7 1/2 HP	\$ 3,550.00
10 HP	\$ 4,040.00
15 HP	\$ 4,260.00
20 HP	\$ 4,770.00

NOTE: For upper and lower wheel automatic brakes on variable speed machines – CONTACT FACTORY.

NOTE: 36" DELUXE BANDSAWS requiring a lower wheel automatic brake. To find cost deduct price of upper wheel brake from price of both upper and lower wheel brakes.

NORTHFIELD DELUXE 36" HEAVY DUTY BAND SAW

DELUXE 36" NORTHFIELD HEAVY DUTY BAND SAW equipped with 36" x 2" steel disc wheels with demountable steel reinforced rubber tires – heavy duty quills – table 37" x 37" tilts 45° R and 5° L – stationary table 16" x 19" – removable table inserts – two ball bearing guides – totally enclosed heavy steel hinged guards – dust chute – 30" under guide – 25" under guard – tension indicator – automatic safety tension control – automatic safety brake on upper wheel, operates automatically in case of blade breakage, power failure or blade running off wheel. Also operates by push button and lower wheel brake – blade tracking guide – spring counterbalance – work light – sealed for life ball bearings. Deluxe blade length 21' 3".

Base Price for Belt Drive Machines (see page 7 for drive assemblies) \$ 22,400.00

Direct Motor Drive (lower wheel mounted on motor shaft) includes magnetic starter with 110 volt at push button – TEFC motor:

5 HP 600 RPM - 5,650 FPM	\$ 25,960.00
5 HP 720 RPM - 6,780 FPM	\$ 25,710.00
5 HP 900 RPM - 8,480 FPM	\$ 24,050.00
5 HP 1,200 RPM - 11,300 FPM	\$ 23,650.00
7½ HP 600 RPM - 5,650 FPM	\$ 26,610.00
7½ HP 720 RPM - 6,780 FPM	\$ 26,210.00
7½ HP 900 RPM - 8,480 FPM	\$ 24,430.00
7½ HP 1,200 RPM - 11,300 FPM	\$ 23,650.00
10 HP 600 RPM - 5,650 FPM	\$ 28,640.00
10 HP 720 RPM - 6,780 FPM	\$ 27,420.00
10 HP 900 RPM - 8,480 FPM	\$ 25,080.00
10 HP 1,200 RPM - 11,300 FPM	\$ 24,120.00
15 HP 900 RPM - 8,480 FPM	\$ 25,850.00
15 HP 1,200 RPM - 11,300 FPM	\$ 24,650.00

230/460 Volt, 3 PH, 60 HZ std.

200-208 & 575 Volt – Contact Factory

*Approximate shipping weight – lbs. 3,000 (3,600 Exp. 200 cu. ft.) 9.85' x 4' x 5'
Approximate height of Deluxe 36, 112"*

EXTRAS (For All 36" Band Saws) (Additional Extras on Page 6)

Aluminum disc wheel in lieu of carter wheels	Deduct \$ 400.00
Left hand 36" Band Saw, to any 36" price	\$ 1,500.00
24" under guide (standard 36" band saw only) 20' 3" Blade gives 19" under guard	\$ 1,380.00
30" under guide (standard 36" band saw only) 21' 3" Blade gives 25" under guard	\$ 1,520.00
36" under guide 22' 3" Blade gives 31" under guard	\$ 1,820.00
48" under guide 24' 3" Blade gives 43" under guard	\$ 2,440.00
37" x 37" table (standard 36" band saw only)	\$ 400.00
Rack and pinion adj. guide post	\$ 650.00
Powered guide post with limit switches	\$ 4,620.00
3' x 5' steel table non-tilting for standard band saw	\$ 1,890.00
3' x 5' steel table non-tilting for deluxe band saw	\$ 1,500.00
Heavy duty blade tension spring	\$ 110.00

NOTE: For 36" DELUXE BAND SAWS – Additional height under guide – deduct price for 24" under the guide from height under guide required.

DMD Motor Amperages 3 Phase		
	230	460
5 HP 900	17	8.5
5 HP 1200	14	7
7½ HP 900	24	12
7½ HP 1200	22	11
10 HP 900	31	15.5
10 HP 1200	28	14
15 HP 900	45	22.5
15 HP 1200	40	20



ADDITIONAL BAND SAW EXTRAS FOR ALL BAND SAWS

NEMA 12 enclosure with fused disconnect (up to and including 7½ HP)	\$ 1,160.00
Ditto (10 HP)	\$ 1,400.00
Ditto (15 HP)	\$ 1,600.00
Work light, 110 volt plugs into customer's 110 volt receptacle 60 watt	\$ 100.00
Sunnex work light plugs into customer's 110 volt receptacle series 700	\$ 320.00
Crosscut (mitre) gauge and straight slot	\$ 270.00
Rip fence, single face (for right side of blade – left hand available)	\$ 390.00
Large crosscut gauge with dovetail slot	\$ 450.00
Rip fence, double face, for use on both side of blade	\$ 430.00
Switch for stopping power on application of foot brake (furnished on DELUXE 36")	\$ 160.00
Air nozzle assembly – connects to customer's air line 30" long	\$ 110.00
Hand resaw attachment	\$ 670.00
Hand resaw tension device only (no fence)	\$ 290.00
11 roller resaw fence with spring loaded rollers	\$ 1,130.00
Paddock size #20 guides (new machines only) upper and lower	\$ 330.00
Wright guides (new machines only) size #1 upper and size #0 lower	\$ 330.00
Guidall 400 Guides (new machines only) upper and lower	\$ 480.00
Tannewitz R0418A guide (new machines only) per each guide	\$ 520.00
Large rolling table, 48" cutoff x 50" wide, solid cast iron	
non-tilting 50" steel auxiliary table non rolling (shipping wt. 1,000 lbs.)	\$ 8,520.00
25 x 50 left side rolling section cast iron	\$ 4,270.00
Hydraulic power unit for large rolling table (300 lbs).	\$ 6,980.00
X cap transformer for worklight	\$ 110.00
Tilting and rolling table (right side) – 22" travel aluminum top	\$ 2,200.00
Circle cutting attachment	\$ 550.00
Resaw feeder	see page 32
Lennox lube system 1 nozzle	\$ 2,030.00
Remote upper wheel tilt control – for extended height saws	\$ 470.00
Interlocked guard doors	\$ 600.00
Square to round dust spout transitions	\$ 200.00
Rack & pinion resaw fence	\$ 2,400.00



BAND SAW BELT DRIVEN – DRIVE ASSEMBLIES

Single constant speed belt drive assemblies for cutting wood, metal, plastics, etc. – ADD PRICES TO MACHINES WITH MOTOR BASE AT SIDE.

Constant single speed belt drive assemblies – speed available – minimum 400 RPM maximum 1,275 RPM, includes motor, magnetic starter with 110 volt at push button, “V” belts, sheaves, belt guard, wiring, assembled complete – instruct factory as to constant speed desired. TEFC motor.

2 HP	\$ 2,610.00
3 HP	\$ 2,650.00
5 HP	\$ 2,800.00
7½ HP	\$ 2,930.00
10 HP	\$ 3,360.00
15 HP	\$ 3,940.00
20 HP	\$ 4,490.00
2 HP single phase	\$ 2,920.00
3 HP single phase	\$ 3,080.00
5 HP single phase	\$ 3,470.00
7½ HP single phase	\$ 3,770.00

FOR SPEEDS 200 TO 400 RPM ADD 20% TO ABOVE PRICES

VARIABLE SPEED ASSEMBLIES

3:1 variable speed drive assembly. Highest 1,200 RPM and slowest 200 RPM (EXAMPLE: 200 to 600 RPM, 300 to 900 RPM, 400 to 1,200 RPM) or any 3:1 speed ratio in between; includes motor, pulleys, belts, base, magnetic starter with 110 volt at push button, belt guard, wiring, assembled complete. TEFC motor.

2 HP	\$ 3,990.00
3 HP	\$ 4,720.00
5 HP	\$ 5,270.00
7½ HP	\$ 6,490.00
10 HP	\$ 6,930.00
2 HP single phase	\$ 4,950.00
3 HP single phase 300-900 or 400-1,200 RPM only	\$ 5,160.00
5 HP single phase 400-1,200 RPM only	\$ 5,670.00

6:1 variable speed drive assembly. Highest 1,200 RPM or any 6:1 speed ratio; includes motor, pulleys, belts, magnetic starter with 110 volt at push button, belt guards, wiring, assembled complete. TEFC motor.

3 HP	\$ 6,530.00
5 HP	\$ 6,740.00
7½ HP	\$ 7,830.00
10 HP	\$ 8,630.00
15 HP	\$ 9,580.00

40:1 variable speed drive assembly. Highest 1,200 RPM or any 40:1 speed ratio; includes motor, pulleys, belts, base, 4-speed gear box, final drive, magnetic starter with 110 volt at push button, guards, wiring, assembled complete. TEFC motor.

3 HP	\$ 10,000.00
5 HP	\$ 10,580.00

AC variable frequency drives available – Contact Factory
DC drives available – Contact Factory

	Belt Drive Motor Amperages 3 Phase	
	230	460
2 HP	6	3
3 HP	8	4
5 HP	13	6.5
7½ HP	20	10
10 HP	26	13
15 HP	40	20
20 HP	53	26.5

3 WHEEL 50" THROAT BAND SAW – BELT DRIVE

27" aluminum disc drive and tracking wheels, 20" aluminum disc idler wheel, heavy duty ball bearing quill, 48 x 96 non-tilting steel table, twin dust spouts, totally enclosed heavy steel hinged guards, spring counterbalance, blade tension, indicator, 15" under guard, one 3/8" blade, motor base at side, no electrics.

.....\$ 27,150.00

Standard height blade length 21'2"

*Shipping weight – lbs. 3,500
Export weight – lbs. 4,000
480 cubic foot 12 x 5 x 8*

Select drive from
Single constant speed drive
3 to 1 variable speed drive
40 to 1 variable speed drive

Select options from Band Saw Extras

MIK6 Aluminum Table in lieu of steel table	\$ 1,400.00
24" under guard	\$ 1,500.00
36" under guard	\$ 2,000.00
Less steel table	Deduct \$ 2,500.00

HORIZONTAL 36" BAND SAW WITH TILTING BLADE

For angle cutting, roofing buildup material used for directing waterflow on flat roofs. 36" x 2" steel disc wheels with demountable steel reinforced tires – heavy duty quills – 10 HP belt drive – 900 RPM – automatic electric brakes both wheels – blade tilts 10° in relation to table – 4' wide single belt feed conveyor powered by 5 HP variable speed drive. 5" maximum stock thickness with fence and hold-down rollers. NEMA 12 electrics, paddock guides, dual dust outlets.

.....\$ 114,000.00

Dual 2' wide conveyors

Contact Factory

NORTHFIELD SINGLE SPINDLE SHAPERS

PRODUCTION SHAPER equipped with 36" x 26" table with under table chip and dust extraction, 4¹/₂" throat hole and throat, precision spindle assembly with heavy duty sealed-for-life ball bearings, 4¹/₂" vertical spindle adjustment, 8,000 RPM spindle speed, 1" x 5" standard spindle size (³/₄", ⁷/₈", 1¹/₈" or 1¹/₄" optional) counterclockwise rotation, belt guard, nylon belt, set spindle collars, guard and hold-down, 36" table height, magnetic starter with 110 volt at push button, TEFC motor, hand brake.

3 HP	\$ 9,340.00
5 HP	\$ 9,490.00
7 ¹ / ₂ HP	\$ 9,630.00
10 HP	\$ 9,920.00
3 HP single phase	\$ 9,720.00
5 HP single phase	\$ 10,070.00
7 ¹ / ₂ HP single phase	\$ 10,420.00

Approximate shipping weight – lbs. 900 (1,150 Exp. 59 cu. ft.)

HEAVY DUTY SHAPER equipped with 42" x 42" table with under table chip and dust extraction, 4" spout, 4¹/₂" throat hole and throat, precision spindle assembly with heavy duty sealed-for-life ball bearings, 4¹/₂" vertical spindle adjustment, 8,000 RPM spindle speed, 1" x 5" standard spindle size (³/₄", ⁷/₈", 1¹/₈" or 1¹/₄" optional) counterclockwise rotation, belt guard, nylon belt, set spindle collars, guard and hold-down, 34¹/₂" table height, magnetic starter with 110 volt at push button, TEFC motor, foot brake.

3 HP	\$ 11,830.00
5 HP	\$ 11,980.00
7 ¹ / ₂ HP	\$ 12,120.00
10 HP	\$ 12,410.00
15 HP	\$ 12,840.00
3 HP single phase	\$ 12,210.00
5 HP single phase	\$ 12,560.00
7 ¹ / ₂ HP single phase	\$ 12,910.00

Approximate shipping weight – lbs. 1,500 (1,750 Exp. 64 cu. ft.)

HD LARGE TOP SHAPER equipped with 44" x 72" table with under table chip and dust extraction, 4" spout, 4¹/₂" throat hole and throat, precision spindle assembly with heavy duty sealed-for-life ball bearings, 4¹/₂" vertical spindle adjustment, 8,000 RPM spindle speed, 1" x 5" standard spindle size (³/₄", ⁷/₈", 1¹/₈" or 1¹/₄" optional) counterclockwise rotation, belt guard, nylon belt, set spindle collars, guard and hold-down, 37" table height, magnetic starter with 110 volt at push button, TEFC motor, foot brake.

3 HP	\$ 17,840.00
5 HP	\$ 17,980.00
7 ¹ / ₂ HP	\$ 18,130.00
10 HP	\$ 18,430.00
15 HP	\$ 18,870.00

Approximate shipping weight – lbs. 2,700 (3,100 Exp. 104 cu. ft.)

Each 4" dust spout requires approximately 400 CFM air flow for dust collection.

SEE PAGE 10 FOR PER SPINDLE OPTIONS

**K-50 Fence when ordered with machine add 50 lbs.
K-50 Fence when ordered as a repair item 70 lbs.**

Approximate Full Load Amps 3 Phase	Motor Amperages	
	230	460
3 HP	8	4
5 HP	13	6.5
7 ¹ / ₂ HP	19	9.5
10 HP	24	12
15 HP	35	17.5

SPINDLE EXTRAS (PER SPINDLE)

$\frac{3}{4}$, $\frac{7}{8}$, $1\frac{1}{8}$, $1\frac{1}{2}$ solid spindles in lieu of 1" .....	..\$	N/C
$1\frac{3}{8}$ & $1\frac{1}{2}$ " solid spindle .....	..\$	330.00
40 mm solid spindle .....	..\$	700.00
$6\frac{1}{2}$ " spindle solid, 1, $1\frac{1}{8}$, $1\frac{1}{4}$, $1\frac{3}{8}$, $1\frac{1}{2}$ .....	..\$	75.00
8" spindle solid, $1\frac{1}{4}$ ", $1\frac{3}{8}$ ", $1\frac{1}{2}$" .....	..\$	200.00
Double taper collet solid spindle (max collet dia. $\frac{3}{4}$ ") comes with one collet, specify size ..	..\$	700.00
Additional double taper collet, $\frac{1}{4}$ ", $\frac{3}{4}$" .....	..\$	50.00
TG-100 collet solid spindle (max collet dia. 1") comes with one collet, specify size .....	..\$	1,770.00
TG-100 collets, $\frac{1}{4}$ - 1" .....	..\$	60.00
Clockwise rotation (single shaper) .....	..\$	60.00
Reversing spindle with reversing switch for 3 HP .....	..\$	410.00
Reversing spindle with reversing switch for 5 HP .....	..\$	500.00
Reversing spindle with reversing switch for $7\frac{1}{2}$ HP .....	..\$	1,430.00
Reversing spindle with reversing switch for 10 HP .....	..\$	1,780.00
Screw on detachable spindle non-reversing (including 1-5" top) .....	..\$	400.00
Screw on detachable tops $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$, $1\frac{1}{4}$ x 5 (including spacer collars and nut) .....	..\$	300.00
Screw on detachable router top $\frac{1}{2}$ " (set screw type) .....	..\$	250.00
Screw on detachable collet top ($\frac{1}{4}$ - $\frac{3}{4}$) .....	..\$	650.00
Taper type detachable spindle for reversing (including 1-5" top) .....	..\$	800.00
Taper type detachable tops, $\frac{3}{4}$, $\frac{7}{8}$, 1, $1\frac{1}{8}$ x 5 .....	..\$	350.00
Taper type detachable router top $\frac{1}{2}$ " (set screw type) .....	..\$	280.00
6,000 RPM ($3\frac{3}{8}$ " pulley) .....	..\$	100.00
10,000 RPM ($5\frac{1}{2}$ " pulley) .....	..Contact Factory	
Spindle crank out side of machine .....	..\$	600.00

THROAT HOLE EXTRAS (PER SPINDLE)

$6\frac{1}{2}$ " throat hole and plate .....	..\$	180.00
8" throat hole and plate .....	..\$	250.00
Nested $6\frac{1}{2}$ and $4\frac{1}{2}$ throat plates .....	..\$	310.00
Nested 8 and $6\frac{1}{2}$ throat plates .....	..\$	430.00
Nested 8, $6\frac{1}{2}$ and $4\frac{1}{2}$ throat plates .....	..\$	560.00

OPTIONS (PER SPINDLE)

Hand brake in lieu of foot brake on HD machines .....	..\$	100.00
Limit switch on brake .....	..\$	260.00
K-50 fence for 8" dia. head with hold-down spring and dust spout $14\frac{1}{2}$ " CTC mountings ..	..\$	1,120.00
Micrometer adjust on K-50 fence .....	..\$	200.00
Miter gauge with dovetail slot (spindle shaper only) .....	..\$	450.00
Table extension (production shaper) 6" x 36" (specify front or rear mounting) .....	..\$	400.00
Digital readout for spindle position .....	..\$	780.00
42 x 42 table on production shaper (add 300 lbs.) .....	..\$	1,500.00
Spindle lock limit switch .....	..\$	450.00
Vee belt drive – Limits vertical spindle travel to $\frac{3}{4}$" .....	..\$	500.00
Power spindle elevation .....	..\$	1,990.00

OPTIONAL ELECTRICS (FOR SINGLE SPINDLE SHAPERS)

NEMA 12 enclosure with fused disconnect 3, 5 and $7\frac{1}{2}$ HP .....	..\$	1,160.00
Ditto 10 HP .....	..\$	1,400.00
Ditto 15 HP .....	..\$	1,600.00
Overload block with plug for feeder .....	..\$	500.00

Single length is from shoulder to top of thread.

NORTHFIELD DOUBLE SPINDLE SHAPERS

NO. 9 NORTHFIELD DOUBLE SPINDLE SHAPER 24" or 30" between spindles – 1" x 5" standard solid spindle – precision spindle assembly with heavy duty precision sealed-for-life ball bearings, 4 1/2" throat hole and throat – vertical adjustment of spindle 5 1/2" – 8,000 RPM spindle speed – right hand spindle counterclockwise – left hand spindle clockwise – table: 24" – 30" x 60", 30" – 30" x 66" – height to tabletop 34 1/2" – includes belt guards, TEFC motors, belts, set spindle spacing collars, magnetic starters with 110 volt at push button, under the table exhaust blow pipe connections, 4" spout, guards and hold-down, foot brakes.

No. 9 – 24" 3 HP	\$ 19,390.00
No. 9 – 30" 3 HP	\$ 19,790.00
No. 9 – 24" 5 HP	\$ 19,680.00
No. 9 – 30" 5 HP	\$ 20,080.00
No. 9 – 24" 7 1/2 HP	\$ 19,960.00
No. 9 – 30" 7 1/2 HP	\$ 20,360.00
No. 9 – 24" 10 HP	\$ 20,550.00
No. 9 – 30" 10 HP	\$ 20,950.00
No. 9 – 24" 15 HP	\$ 21,410.00
No. 9 – 30" 15 HP	\$ 21,810.00

Approximate shipping weight – lbs. 2,000 (2,300 Exp. 96 cu. ft.)

LARGE TOP 42 X 84 DOUBLE SPINDLE SHAPER 42" between spindles – 1" x 5" standard solid spindle – precision spindle assembly with heavy duty precision sealed-for-life ball bearings, 4 1/2" throat hole and throat – vertical adjustment of spindle 5 1/2" – 8,000 RPM spindle speed – right hand spindle counterclockwise – left hand spindle clockwise – table: 42" x 84" – height to tabletop 34 1/2" – includes belt guards, TEFC motors, belts, set spindle spacing collars, magnetic starters with 110 volt at push button, under the table exhaust blow pipe connections, 4" spout, guards and hold-down, foot brakes.

3 HP	\$ 23,140.00
5 HP	\$ 23,430.00
7 1/2 HP	\$ 23,710.00
10 HP	\$ 24,300.00
15 HP	\$ 25,160.00

Approximate shipping weight – lbs. 3,100 (3,500 Exp. 128 cu. ft.)

Each 4" dust spout requires approximately 400 CFM air flow for dust collection.

DOUBLE SPINDLE EXTRAS

Table extension No. 9 double 6 x 60 or 6 x 66 (specify front or rear mounting)	\$ 780.00
LH movable spindle on big base with steel table (add 350 lbs)	\$ 3,630.00

OPTIONAL ELECTRICS (FOR DOUBLE SPINDLE SHAPERS)

NEMA 12 enclosure with fused disconnect 3, 5 & 7 1/2 HP	\$ 1,560.00
Ditto 10 & 15 HP	\$ 1,840.00

SEE PAGE 10 FOR PER SPINDLE OPTIONS

K-50 Fence when ordered with machine add 50 lbs per fence.

Approximate Full Load Amps 3 Phase	Motor Amperages	
	230	460
3 HP	16	8
5 HP	26	13
7 1/2 HP	38	19
10 HP	48	24
15 HP	70	35



NORTHFIELD TILTING ARBOR VARIETY SAWS

NO. 4 NORTHFIELD TILTING ARBOR VARIETY SAW (standard) equipped with 5 HP heavy duty 3,600 RPM TEFC arbor motor – magnetic starter with 110 volt at push button; plain table 35" x 44" – 19½" rip gauge extension – 32" rip capacity rack and pinion fence (32" capacity with double face box type fence) two dovetailed 60°-0°-60° mitre gauges – filler strips – 1⅛" arbor standard (1" or 1¼" optional – advise) (16" saw projects 4"; 18" saw 5") metal throat plate. 16" Lexan guard, Warner electric brake.

.....\$ 15,260.00

Approximate shipping weight – lbs. 1,800 (2,000 Exp. 92 cu. ft.)

12" extended table gives 44" rip capacity (add 120 lbs)	\$ 930.00
24" extended table with legs – gives 56" rip capacity (add 250 lbs)	\$ 1,430.00
36" extended table with legs – gives 68" rip capacity (add 370 lbs)	\$ 2,300.00
48" extended table with legs – gives 80" rip capacity (add 500 lbs)	\$ 2,850.00
12" extended table – left – gives 21" rip capacity left (add 120 lbs)	\$ 880.00
24" extended table – left – with legs – gives 33" rip capacity left (add 250 lbs)	\$ 1,430.00

NO. 4 NORTHFIELD TILTING ARBOR VARIETY SAW WITH REGULAR ROLLING TABLE – equipped with 5 HP heavy duty 3,600 RPM TEFC arbor motor – magnetic starter with 110 volt at push button – rolling table 17½" x 45½"; stationary table 22½" x 45½" – adjustable table dado capacity to 4" opening – rip gauge extension 19½" – rolling table crosscut capacity 31" – two dovetailed mitre gauges 60°-0°-60° – one stationary mitre gauge on rolling table with right and left degree quadrants and positive locators – rack and pinion type fence – filter strips – four stock stops – 1⅛" arbor (1" or 1¼" optional – advise). Rip capacity 36". 16" Lexan guard, Warner electric brake.

.....\$ 19,330.00

Approximate shipping weight – lbs. 2,000 (2,200 Exp. 92 cu. ft.)

NO. 4 NORTHFIELD TILTING ARBOR VARIETY SAW WITH 50" X 54" SOLID ROLLING TABLE – equipped with 5 HP heavy duty 3,600 RPM TEFC arbor motor – magnetic starter with 110 volt at push button – rolling table 50" x 54" – solid with 3½" dado throat – 49" with crosscut capacity – two mitre gauges – rack and pinion type rip fence – 19½" rip gauge extension – rip capacity 36" – filler strips – stock guide – 1⅛" arbor (optional 1" 1¼" – advise). 16" Lexan guard, Warner electric brake.

.....\$ 34,860.00

Approximate shipping weight – lbs. 3,200 (3,500 Exp. 282 cu. ft.) 2 Crates: 85x87x48 saw, 62x87x24 table

NO. 4 NORTHFIELD TILTING ARBOR VARIETY SAW WITH 36" X 52" SLOTTED ROLLING TABLE – equipped with 5 HP heavy duty 3,600 RPM TEFC arbor motor – magnetic starter with 110 volt at push button – rolling table 36" x 52" – two "T" and/or dovetail slot parallel blade – two "T" slots perpendicular blade for holding fixtures and/or stock guide – 3½" dado throat – 49" crosscut capacity – two mitre gauges – rack and pinion type rip fence – 19½" rip gauge extension – rip capacity 36" – filler strips – 1⅛" arbor (optional 1" 1¼" – advise). 16" Lexan guard, Warner electric brake.

.....\$ 36,720.00

Approximate shipping weight – lbs. 3,200 (3,400 Exp. 232 cu. ft.) 2 Crates: 72x87x48 saw, 48x87x24 table

EXTRA TABLES – ALL ROLLING TABLE MACHINES

12" extended table – gives 48" rip capacity (add 120 lbs)	\$ 930.00
24" extended table with legs – gives 60" rip capacity (add 250 lbs)	\$ 1,460.00
36" extended table with legs – gives 72" rip capacity (add 370 lbs)	\$ 2,390.00
48" extended table with legs – gives 84" rip capacity (add 500 lbs)	\$ 2,920.00

VOLTAGES AVAILABLE 208, 230/460, 575

OTHER VOLTAGES AVAILABLE – SPECIAL ORDER

Travel of Rack & Pinion fence is 11". All No. 4 saws have 6" dust outlets. Machine requires approximately 1,100 CFM air flow for dust collection. Distance from front edge of table to fully elevated 16" blade is 15". Maximum depth of cut with blade tilted at 45°

16" Blade	2 ¹³ / ₁₆ "
18" Blade	3 ¹ / ₂ "
20" Blade	4 ³ / ₁₆ "

EXTRAS FOR ALL NORTHFIELD VARIETY SAWS

Dado extension for 1" and 1 1/8" arbors – 1 3/8" x 4" with spacers, collars, nuts	\$ 370.00
Dado extension for 1 1/4" arbors – 1 1/2" x 4" with spacers, collars, nuts	\$ 420.00
Micrometer adjustment on rack and pinion rip fence	\$ 330.00
Set of stock stops for mitre gauges (furnished on regular rolling tables only)	\$ 70.00
7 1/2 HP TEFC arbor motor (3 phase)	\$ 650.00
10 HP TEFC arbor motor (3 phase)	\$ 1,570.00
5 HP TEFC arbor motor (single phase, 220 volt)	\$ 500.00
AC variable frequency drives available	Contact Factory
Dado throat plate (not required on rolling tables)	\$ 200.00
NEMA 12 enclosure with fused disconnect, 5 & 7 1/2 HP	\$ 1,160.00
Ditto 10 HP	\$ 1,400.00
Overload block with plug for feeder	\$ 500.00
Tilt fence, new machines only – not for repair	\$ 700.00
Thin arbor collar for 1 3/16" dado capacity	\$ 50.00
VSC T-Square fence in lieu of rack and pinion fence (specify 38, 50, 62 or 72" rip capacity)	Contact Factory
Customer must supply their own filler tables – or order cast iron tables from chart below	
2" Dust spout on Z-380 Guard	\$ 100.00
To have solid cast iron tables to right of blade with VSC T-Square fences use the following chart	
24" extended table gives 38" rip capacity 24" woodfiller table	\$ 500.00
36" extended table gives 50" rip capacity 36" woodfiller table	\$ 650.00
48" extended table gives 62" rip capacity 48" woodfiller table	\$ 810.00
Note: No U extension provided when VSC T-Square fence ordered.	
16" carbide tipped combo blade – 80 tth – specify bore size	\$ 290.00
18" carbide tipped combo blade – 80 tth – specify bore size	\$ 350.00
16" carbide tipped rip blade – 36 tth – specify bore size	\$ 290.00
18" carbide tipped rip blade – 40 tth – specify bore size	\$ 330.00
12" x 13/16 Dado set – specify bore size	\$ 760.00
Brett guard for Dado work – standard saw	\$ 620.00
Brett guard for Dado work – roller top	\$ 1,030.00
550 volt and 50 cycle motors available.	
Low profile roller base (add 200 lbs)	\$ 2,520.00

NORTHFIELD HEAVY DUTY ARBOR MOTORS

Totally enclosed fan cooled-stress proof arbors – left hand threads and nut standard – sealed-for-life ball bearings – distance top of motor to centerline of arbor 3 3/8". Motor mounting pads – adaptable to foot mounting and/or wing mounting. 3,600 RPM 200-208, 230/460, 575, 60 cycle, 3 phase. Brakes and other options also available.

NO. 4 TABLE SAW MOTORS

5 HP (3 phase)	\$ 2,240.00
7 1/2 HP (3 phase)	\$ 2,420.00
10 HP (3 phase)	\$ 2,930.00
5 HP (1 phase 220 volt)	\$ 2,900.00
3 5/8" diameter saw collars	
1", 1 1/8", 1 1/4" arbor diameters	
Dado capacity with standard collars 1/4"	
6" diameter tight and loose saw collars	\$ 270.00
Detachable arbor motor with one end	\$ 690.00
Std detachable ends only with nut & loose collar	\$ 510.00
Long detachable ends, with nut, loose collar and spacing collars	\$ 640.00
Hand Brake #4 Saw	\$ 320.00

UNI-POINT RADIAL ARM SAW MOTOR

5 HP (3 phase)	\$ 2,330.00
7 1/2 HP (3 phase)	\$ 2,510.00
10 HP (3 phase)	\$ 3,020.00
5 HP (1 phase 220 volt)	\$ 2,980.00
5" diameter saw collars	
1" arbor diameter	
Dado capacity 1 9/16"	\$ 420.00
Hand brake Uni-Point	\$ 160.00
Switch for brake	\$ 1,490.00
Warner auto electric brake compete	\$ 860.00
Warner magnet & disc assy mounted on #4 motor	\$ 1,020.00
Warner magnet, disc, junction box & guard mounted on Uni-Point motor	\$ 100.00
NEMA 12 junction box on Uni-Point motor	\$ 100.00

Arbor Motor Amperages

		230	460
5 HP	3 ph	15	7.5
7 1/2 HP	3 ph	20	10
10 HP	3 ph	26	13
5 HP	1 ph	22	—

Arbor motor shipping weight approximately 140 lbs.

NORTHFIELD NO. 2 SURFACER (18" x 8" CAPACITY)

NORTHFIELD NO. 2 SURFACER 18" x 8" sealed-for-life ball bearings on cutterhead and rolls. Separate 1/2 HP TEFC motor on variable feed, 20-50 SFPM-double magnetic starter with 110 volt at single push button – set high speed steel knives – 4-knife head – corrugated infeed roll – shavings hood for dust exhaust system – TEFC motor.

*Approximate shipping weight – lbs. 1,600 (1,800 Exp. 108 cu. ft.)
NOTE: Add 170 lbs. if knife grinder ordered.*

5 HP direct motor drive 3,600 RPM	\$ 19,720.00
7 1/2 HP direct motor drive 3,600 RPM	\$ 20,000.00
5 HP "V" belt drive 3,600 RPM	\$ 19,650.00
7 1/2 HP "V" belt drive 3,600 RPM	\$ 19,800.00
10 HP "V" belt drive, 3,600 RPM	\$ 20,090.00
Single Phase 5 HP "V" belt drive 24-50 SFPM	\$ 20,300.00
Single Phase 7 1/2 HP "V" belt drive 24-50 SFPM	\$ 20,660.00
Single Phase 10 HP "V" belt drive 24-50 SFPM	\$ 21,060.00

EXTRAS

Rubber sectional infeed roll in lieu of steel corrugated	\$ 350.00
Knife grinder and jointing attachment 115 volt	\$ 2,670.00
NEMA 12 enclosure with fused disconnect, up to and including 10 HP	\$ 2,130.00
Dial type knife and roll setting gauge	\$ 240.00
Reversing switch for feed motor	\$ 250.00
Digital readout	\$ 780.00
BYRD "SHELIX" Insert cutterhead	\$ 1,400.00

NOTE: 900 RPM feed motor (standard) 20-40 SFPM
1,200 RPM feed motor (optional) 24-50 SFPM
When single phase is specified, 1,200 RPM feed motor will be used.

**Machine uses 6" dust outlet.
Machine requires approximately 1,100 CFM air flow for dust collection.**

Approximate Full Load Amps 3 Phase	Motor Amperages	
	230	460
5 HP	17	8.5
7 1/2 HP	25	12.5
10 HP	30	15

NORTHFIELD ST12 STATIONARY TABLE PLANER-SURFACER

(Table Height 34") 12" x 8" Capacity (Infeed to Outfeed Width 24")

A HEAVY DUTY STATIONARY TABLE SINGLE HEAD PLANER SUITABLE FOR PROCESS LINES AND CONVEYORS WHERE WORKPIECE SIZING IS REQUIRED WITHOUT THE ALIGNMENT PROBLEMS ASSOCIATED WITH A RISING AND FALLING TABLE.

12" x 8" ST12 PLANER-SURFACER Sealed-for-life ball bearings on cutterhead and four power driven 4" feed rollers – safety four-knife cutterhead – 5" cutting circle – sectional infeed roll with 2" ductile iron sections – .001 to .075" adjustable lower power driven feed rollers – Power Table – set high speed steel knives 4 ea. 1/8" x 1 1/4" x 12" – manual feed speed indicator – 1 1/2 HP TEFC motor drive feed mechanism from 20 to 100 feet per minute – double magnetic starter with overload and low voltage protection with 110 volt at push button – TEFC cutterhead motor – shavings hood 6" stack.

5 HP direct motor drive 3,600 RPM	\$ 36,510.00
7 1/2 HP direct motor drive 3,600 RPM	\$ 36,800.00
10 HP direct motor drive 3,600 RPM	\$ 37,870.00

Approximate shipping weight – lbs. 2,600 (2,900 Exp. 81 cu. ft.) L51" W42" H65"
NOTE: Add 125 lbs. if knife grinder ordered.

EXTRAS

Additional powered solid corrugated upper infeed roll (extends over infeed conveyor, assists in feeding short stock)	\$ 4,000.00
Knife grinder and jointing attachment for straight head – 115 volt	\$ 2,580.00
Corrugated upper infeed roll in lieu of sectional	Deduct \$
240.00	
Dial type knife and roll setting gauge (straight knife head)	\$ 240.00
Dial type roll setting gauge (for helical head machines)	\$ 160.00
NEMA 12 enclosure with fused disconnect for 5, 7 1/2 & 10 HP	\$ 2,130.00
NORTHFIELD helical carbide cutterhead 23° bits standard, 5" cutting circle	\$ 2,800.00
7° cutterbits (for hardwood) in lieu of 23°	\$ N/C
Knife grinder for helical carbide head 5" cutting circle	\$ 2,930.00
Hard chrome plated edge on hold-down bar	\$ 180.00
2 HP feed motor (3 phase only)	\$ 100.00
Digital Readout	\$ 780.00
Neoprene covered upper outfeed roll 70 durometer (for plastic)	\$ 380.00
Solid chipbreaker with anti-kickup stops (for plastic)	\$ 450.00
NORTHFIELD reverse rotation helical carbide head, 5" cutting circle (for plastics cutting) ..	\$ 3,500.00
Terminus 4-knife quick change head with HSS knives	\$ 2,900.00
Sunnex worklight with mag base for grinding – sits on grinder motor	\$ 320.00
BYRD "SHELIX" Insert cutterhead	\$ 950.00

Machine requires approximately 800 CFM air flow for dust collection.

	Motor Amperages	
	230	460
Approximate Full Load Amps 3 Phase	5 HP	8.5
230/460 Volt, 3 PH, 60 HZ Std	7 1/2 HP	12.5
200-208 & 575 Volt – Contact Factory	10 HP	15

NORTHFIELD NO. 7 PLANER-SURFACER

(Helical Head 24" x 8⁵/₈")

(Straight Knife 25" x 8³/₄" Capacity)

25" x 8¹/₂" NO. 7 PLANER-SURFACER Sealed-for-life ball bearings on cutterhead and four power driven 4" feed rollers – safety four-knife cutterhead – 5" cutting circle – sectional infeed roll with 2" ductile iron sections – .001 to .075" adjustable lower power driven feed rollers – cutterhead brake – set high speed steel knives 4 ea. ⁵/₃₂" x 1¹/₄" x 25" – manual feed speed indicator – 1¹/₂ HP TEFC motor drive feed mechanism from 20 to 100 feet per minute – reversing safety switch on feed mechanism – double magnetic starter with overload and low voltage protection with 110 volt at push button – TEFC cutterhead motor.

5 HP direct motor drive 3,600 RPM	\$ 28,930.00
7 ¹ / ₂ HP direct motor drive 3,600 RPM	\$ 29,210.00
10 HP direct motor drive 3,600 RPM	\$ 30,300.00
15 HP direct motor drive 3,600 RPM	\$ 31,090.00
20 HP direct motor drive 3,600 RPM	\$ 31,930.00
5 HP "V" belt drive 3,600 RPM	\$ 28,850.00
7 ¹ / ₂ HP "V" belt drive 3,600 RPM	\$ 29,000.00
10 HP "V" belt drive 3,600 RPM	\$ 29,260.00
15 HP "V" belt drive 3,600 RPM	\$ 29,940.00
20 HP "V" belt drive 3,600 RPM	\$ 30,380.00
25 HP "V" belt drive 3,600 RPM	\$ 30,730.00
Single Phase 5 HP "V" belt drive 3,600 RPM	\$ 29,470.00
Single Phase 7 ¹ / ₂ HP "V" belt drive 3,600 RPM	\$ 29,960.00
Single Phase 10 HP "V" belt drive 3,600 RPM	\$ 30,390.00

Approximate shipping weight – lbs. 3,200 (3,500 Exp. 150 cu. ft.) L54" W73" H66"

NOTE: Add 170 lbs. if knife grinder ordered. Add 80 lbs. if power lift table is ordered.

EXTRAS

Shavings hood for blower system – 8" diameter	\$ 400.00
Knife grinder and jointing attachment for straight head – 115 volt	\$ 2,670.00
Idler rollers for edge of table only	\$ 270.00
Dial type knife and roll setting gauge (straight knife head)	\$ 240.00
Dial type roll setting gauge (for helical head machines)	\$ 160.00
Limit switch for hand brake (cuts power on both cutterhead and feed motor)	\$ 160.00
NEMA 12 enclosure with fused disconnect for 5, 7 ¹ / ₂ & 10 HP	\$ 2,130.00
Ditto 15, 20 and 25 HP	\$ 2,620.00
Power lift table with handwheel for fine adjustment with limit switch	\$ 2,810.00
NORTHFIELD helical carbide cutterhead 23° bits standard, 5" cutting circle	\$ 3,390.00
NORTHFIELD large dia. helical carbide cutterhead, 23° bits, 6 ¹ / ₂ " cutting circle	\$ 5,000.00
Helical heads must be ordered with Knife Grinder	
7° cutterbits (for hardwood) in lieu of 23°	\$ N/C
Knife grinder for helical carbide head 5" cutting circle	\$ 2,990.00
Knife grinder for large dia. helical carbide cutterhead 6 ¹ / ₂ " cutting circle	\$ 3,190.00
Hard chrome plated edge on hold-down bar	\$ 180.00
2 HP feed motor (3 phase only)	\$ 100.00
Digital Readout	\$ 780.00
Neoprene covered upper outfeed roll 70 durometer (for plastic)	\$ 430.00
Solid chipbreaker with anti-kickup stops (for plastic)	\$ 500.00
NORTHFIELD reverse rotation helical carbide head, 5" cutting circle (for plastics cutting) ..	\$ 4,000.00
Steel lips for table rollers (for cutting flexible plastic)	\$ 800.00
Terminus 4-knife quick change head with HSS knives	\$ 4,000.00
Replaceable brass elevating nuts	\$ 350.00
Sunnex worklight with mag base for grinding – sits on grinder motor	\$ 320.00
BYRD "SHELIX" Insert cutterhead	\$ 2,800.00

Machine requires approximately 1,400 CFM air flow for dust collection.
Height of table with 5" head at 1" thickness approx 37¹/₄"

	Motor Amperages		
	230	460	
Approximate Full Load Amps 3 Phase	5 HP	17	8.5
230/460 Volt, 3 PH, 60 HZ Std	7 ¹ / ₂ HP	25	12.5
200-208 & 575 Volt – Contact Factory	10 HP	30	15
	15 HP	41	20.5
	20 HP	55	27.5
	25 HP	65	32.5



NORTHFIELD NO. 8 PLANER-SURFACER

(Helical Head 30" x 8⁵/₈")

(Straight Knife 31" x 8³/₄" Capacity)

31" x 8¹/₂" NO. 8 PLANER-SURFACER Sealed-for-life ball bearings on cutterhead and four power driven 4" feed rollers – safety four-knife cutterhead – 5" cutting circle – sectional infeed roll with 2" ductile iron sections – .001 to .075" adjustable lower power driven feed rollers – cutterhead brake – set high speed steel knives 4 ea. ⁵/₃₂" x 1¹/₄" x 31" – manual feed speed indicator – 2 HP TEFC motor drive feed mechanism from 20 to 100 feet per minute – reversing safety switch on feed mechanism – double magnetic starter with overload and low voltage protection with 110 volt at push button – TEFC cutterhead motor.

7 ¹ / ₂ HP direct motor drive 3,600 RPM	\$ 30,760.00
10 HP direct motor drive 3,600 RPM	\$ 31,870.00
15 HP direct motor drive 3,600 RPM	\$ 32,680.00
20 HP direct motor drive 3,600 RPM	\$ 33,540.00
7 ¹ / ₂ HP "V" belt drive 3,600 RPM	\$ 30,550.00
10 HP "V" belt drive 3,600 RPM	\$ 30,810.00
15 HP "V" belt drive 3,600 RPM	\$ 31,510.00
20 HP "V" belt drive 3,600 RPM	\$ 31,950.00
25 HP "V" belt drive 3,600 RPM	\$ 32,310.00
30 HP "V" belt drive 3,600 RPM	\$ 32,470.00

Approximate shipping weight – lbs. 3,500 (3,800 Exp. 170 cu. ft.)
NOTE: Add 200 lbs. if knife grinder ordered. Add 80 lbs. if power lift table is ordered.

EXTRAS

Shavings hood for blower system – 8" diameter	\$ 430.00
Knife grinder and jointing attachment for straight head – 115 volt	\$ 2,800.00
Idler rollers for edge of table only	\$ 280.00
Dial type knife and roll setting gauge (straight knife head)	\$ 240.00
Dial type roll setting gauge (for helical head machines)	\$ 160.00
Limit switch for hand brake (cuts power on both cutterhead and feed motor)	\$ 160.00
NEMA 12 enclosure with fused disconnect for 7 ¹ / ₂ & 10 HP	\$ 2,130.00
Ditto 15, 20 and 25 HP	\$ 2,620.00
Ditto 30 HP	\$ 3,260.00
Power lift table with handwheel for fine adjustment with limit switch	\$ 2,810.00
NORTHFIELD helical carbide cutterhead 23° bits standard, 5" cutting circle	\$ 3,950.00
NORTHFIELD large dia. helical carbide cutterhead, 23° bits, 6 ¹ / ₂ " cutting circle	\$ 5,500.00
Helical heads must be ordered with Knife Grinder	
7° cutterbits (for hardwood) in lieu of 23°	\$ N/C
Knife grinder for helical carbide head 5" cutting circle	\$ 3,150.00
Knife grinder for large dia. helical carbide cutterhead 6 ¹ / ₂ " cutting circle	\$ 3,350.00
Hard chrome plated edge on hold-down bar	\$ 190.00
Digital Readout	\$ 780.00
Neoprene covered upper outfeed roll 70 durometer (for plastic)	\$ 450.00
Solid chipbreaker with anti-kickup stops (for plastic)	\$ 500.00
NORTHFIELD reverse rotation helical carbide cutter head, 5" cc (for plastics cutting)	\$ 4,560.00
Steel lips for table rollers (for cutting flexible plastic)	\$ 900.00
Sunnex worklight with mag base for grinding – sits on grinder motor	\$ 320.00
BYRD "SHELIX" Insert cutterhead	\$ 3,350.00

Machine requires approximately 1,500 CFM air flow for dust collection.
Height of table with 5" head at 1" thickness approx. 37¹/₄"

Approximate Full Load Amps 230/460 Volt, 3 PH, 60 HZ Std 200-208 & 575 Volt – Contact Factory	Motor Amperages	
	230	460
7 ¹ / ₂ HP	26	13
10 HP	32	16
15 HP	43	21.5
20 HP	56	28
25 HP	67	33.5
30 HP	80	40

NORTHFIELD NO. 737 PLANER-SURFACER

(Helical Head 36" x 8⁵/₈")

(Straight Knife 37" x 8³/₄" Capacity)

37" x 8³/₄" NO. 737 PLANER-SURFACER Sealed-for-life ball bearings on cutterhead and four power driven 4" feed rollers – safety four-knife cutterhead – 5" cutting circle – sectional infeed roll with 2" ductile iron sections – .001 to .075" adjustable lower power driven feed rollers – cutterhead brake – set high speed steel knives 4 ea. ⁵/₃₂" x 1¹/₄" x 37" – manual feed speed indicator – 2 HP TEFC motor drive feed mechanism from 20 to 100 feet per minute – reversing safety switch on feed mechanism – double magnetic starter with overload and low voltage protection with 110 volt at push button – TEFC cutterhead motor.

10 HP "V" belt drive 3,600 RPM	\$ 34,220.00
15 HP "V" belt drive 3,600 RPM	\$ 33,760.00
20 HP "V" belt drive 3,600 RPM	\$ 34,220.00
25 HP "V" belt drive 3,600 RPM	\$ 34,580.00
30 HP "V" belt drive 3,600 RPM	\$ 34,740.00

*Approximate shipping weight – lbs. 3,900 (4,200 Exp. 190 cu. ft.)
NOTE: Add 225 lbs. if knife grinder ordered. Add 80 lbs. if power lift table is ordered.*

EXTRAS

Shavings hood for blower system – 8" diameter	\$ 570.00
Knife grinder and jointing attachment for straight head – 115 volt	\$ 2,930.00
Idler rollers for edge of table only	\$ 290.00
Dial type knife and roll setting gauge (straight knife head)	\$ 240.00
Dial type roll setting gauge (for helical head machines)	\$ 160.00
Limit switch for hand brake (cuts power on both cutterhead and feed motor)	\$ 160.00
NEMA 12 enclosure with fused disconnect for 10 HP	\$ 2,130.00
Ditto 15, 20 and 25 HP	\$ 2,620.00
Ditto 30 HP	\$ 3,260.00
Power lift table with handwheel for fine adjustment with limit switch	\$ 2,810.00
NORTHFIELD helical carbide cutterhead 23° bits standard, 5" cutting circle	\$ 4,500.00
NORTHFIELD large dia. helical carbide cutterhead, 23° bits, 6 ¹ / ₂ " cutting circle	\$ 6,000.00
Helical heads must be ordered with Knife Grinder	
7° cutterbits (for hardwood) in lieu of 23°	\$ N/C
Knife grinder for helical carbide head 5" cutting circle	\$ 3,280.00
Knife grinder for large dia. helical carbide cutterhead 6 ¹ / ₂ " cutting circle	\$ 3,480.00
Hard chrome plated edge on hold-down bar	\$ 200.00
Digital Readout	\$ 780.00
Neoprene covered upper outfeed roll 70 durometer (for plastic)	\$ 480.00
Solid chipbreaker with anti-kickup stops (for plastic)	\$ 500.00
Sunnex worklight with mag base for grinding – sits on grinder motor	\$ 320.00
BYRD "SHELIX" Insert cutterhead	\$ 3,700.00

Machine requires approximately 1,500 CFM air flow for dust collection.

Approximate Full Load Amps 230/460 Volt, 3 PH, 60 HZ Std 200-208 & 575 Volt – Contact Factory	Motor Amperages	
	230	460
10 HP	32	16
15 HP	43	21.5
20 HP	56	28
25 HP	67	33.5
30 HP	80	40

NORTHFIELD MEDIUM DUTY JOINTERS

8" NORTHFIELD MEDIUM DUTY JOINTER equipped with heavy duty sealed-for-life ball bearing yoke – 4-knife cutterhead – overall length of tables 74" – table width 10" – quickly adjustable 45" x 5 1/4" bevel fence, tilts to 45° – 9/16" rabbet groove – rabbet arm – cut depth gauge – set high speed steel knives – magnetic starter with 110 volt at push button – front and rear guards – 6" dust chute – hand brake – TEFC motor.

3 HP direct motor drive, 3,600 RPM	\$ 13,440.00
5 HP direct motor drive, 3,600 RPM	\$ 13,650.00
3 HP "V" belt drive, 3,600 RPM	\$ 13,290.00
5 HP "V" belt drive, 3,600 RPM	\$ 13,430.00
3 HP single phase "V" belt drive, 3,600 RPM	\$ 13,640.00
5 HP single phase, "V" belt drive, 3,600 RPM	\$ 13,990.00

Approximate shipping weight – lbs. 1,150 (1,350 Exp. 84 cu. ft.)

12" NORTHFIELD MEDIUM DUTY JOINTER equipped with heavy duty sealed-for-life ball bearing yoke – 4-knife cutterhead – overall length of tables 74" – table width 13 1/2" – quickly adjustable 45" x 5 1/4" bevel fence, tilts to 45° – 9/16" rabbet groove – rabbet arm – cut depth gauge – set high speed steel knives – magnetic starter with 110 volt at push button – front and rear guards – 6" dust chute – hand brake – TEFC motor.

3 HP direct motor drive, 3,600 RPM	\$ 14,140.00
5 HP direct motor drive, 3,600 RPM	\$ 14,350.00
7 1/2 HP direct motor drive, 3,600 RPM	\$ 14,530.00
3 HP "V" belt drive, 3,600 RPM	\$ 13,990.00
5 HP "V" belt drive, 3,600 RPM	\$ 14,130.00
7 1/2 HP "V" belt drive, 3,600 RPM	\$ 14,270.00
3 HP single phase "V" belt drive, 3,600 RPM	\$ 14,400.00
5 HP single phase, "V" belt drive, 3,600 RPM	\$ 14,770.00
7 1/2 HP single phase, "V" belt drive, 3,600 RPM	\$ 15,120.00

Approximate shipping weight – lbs. 1,300 (1,500 Exp. 84 cu. ft.)

MEDIUM DUTY JOINTER EXTRAS

NEMA 12 with fused disconnect	\$ 1,160.00
Steel lips	\$ 540.00
Knife grinder and jointing attachment – 115 volt	\$ 2,580.00
Switch for stopping power on application of hand brake	\$ 300.00
8" Three-knife head – belt drive	Deduct \$ 60.00
Dial type knife setting gauge	\$ 190.00
Warner electric automatic brake	\$ 1,590.00
Carbide-tipped knives available	Contact Factory
Terminus 4-knife quick change head, with HSS knives 8"	\$ 2,200.00
Terminus 4-knife quick change head, with HSS knives 12"	\$ 2,900.00
BYRD "SHELIX" Insert cutterhead 8"	\$ 800.00
BYRD "SHELIX" Insert cutterhead 12"	\$ 950.00

The above prices for Terminus and BYRD heads are for new machines only.

Machines require approximately 800 CFM for dust collection.

Add 170 lbs. if knife grinder is ordered.

MD JOINTER TABLE LENGTH

The overall length of the infeed and outfeed table is 74"
 The infeed table extends 38 1/2" from the cutterhead centerline
 The outfeed table extends 35 1/2" from the cutterhead centerline

Approximate Full Load Amps 3 Phase	Motor Amperages	
	230	460
3 HP	9	4.5
5 HP	15	7.5
7 1/2 HP	20	10



NORTHFIELD HEAVY DUTY JOINTERS AND PATTERNMAKERS

12" NORTHFIELD HEAVY DUTY JOINTER equipped with heavy duty sealed-for-life ball bearing yoke – 4-knife cutterhead – overall length of double wall cored tables 96" – table width 17" – quickly adjustable 52" x 5 1/2" bevel fence, tilts to 45° – 5/8" rabbet groove – rabbet arm – 6" diameter dust chute – steel lips – cut depth gauge – set high speed steel knives – magnetic starter with 110 volt at push button – front and rear guards – hand brake – TEFC motor.

3 HP direct motor drive, 3,600 RPM	\$ 18,090.00
5 HP direct motor drive, 3,600 RPM	\$ 18,300.00
7 1/2 HP direct motor drive, 3,600 RPM	\$ 18,470.00
3 HP "V" belt drive, 3,600 RPM	\$ 17,810.00
5 HP "V" belt drive, 3,600 RPM	\$ 17,950.00
7 1/2 HP "V" belt drive, 3,600 RPM	\$ 18,090.00
3 HP single phase "V" belt drive, 3,600 RPM	\$ 18,170.00
5 HP single phase, "V" belt drive, 3,600 RPM	\$ 18,530.00
7 1/2 HP single phase, "V" belt drive, 3,600 RPM	\$ 18,870.00

Approximate shipping weight – lbs. 1,800 (2,300 Exp. 121 cu. ft.)

16" NORTHFIELD HEAVY DUTY JOINTER equipped with heavy duty sealed-for-life ball bearing yoke – 4-knife cutterhead – overall length of double wall cored tables 96" – table width 21" – quickly adjustable 52" x 5 1/2" bevel fence, tilts to 45° – 5/8" rabbet groove – rabbet arm – 6" diameter dust chute – steel lips – cut depth gauge – set high speed steel knives – magnetic starter with 110 volt at push button – front and rear guards – hand brake – TEFC motor.

3 HP direct motor drive, 3,600 RPM	\$ 18,740.00
5 HP direct motor drive, 3,600 RPM	\$ 18,950.00
7 1/2 HP direct motor drive, 3,600 RPM	\$ 19,110.00
10 HP direct motor drive, 3,600 RPM	\$ 20,240.00
3 HP "V" belt drive, 3,600 RPM	\$ 18,450.00
5 HP "V" belt drive, 3,600 RPM	\$ 18,600.00
7 1/2 HP "V" belt drive, 3,600 RPM	\$ 18,740.00
10 HP "V" belt drive, 3,600 RPM	\$ 19,040.00
3 HP single phase "V" belt drive, 3,600 RPM	\$ 18,810.00
5 HP single phase, "V" belt drive, 3,600 RPM	\$ 19,170.00
7 1/2 HP single phase, "V" belt drive, 3,600 RPM	\$ 19,510.00

Approximate shipping weight – lbs. 2,200 (2,700 Exp. 144 cu. ft.)

24" NORTHFIELD HEAVY DUTY JOINTER equipped with heavy duty sealed-for-life ball bearing yoke – 4-knife cutterhead – overall length of double wall cored tables 96" – table width 29" – quickly adjustable 52" x 5 1/2" bevel fence, tilts to 45° – 3/4" rabbet groove – rabbet arm – 6" diameter dust chute – steel lips – cut depth gauge – set high speed steel knives – magnetic starter with 110 volt at push button – front and rear guards – hand brake – TEFC motor.

5 HP direct motor drive, 3,600 RPM	\$ 21,440.00
7 1/2 HP direct motor drive, 3,600 RPM	\$ 21,730.00
10 HP direct motor drive, 3,600 RPM	\$ 22,850.00
5 HP "V" belt drive, 3,600 RPM	\$ 21,210.00
7 1/2 HP "V" belt drive, 3,600 RPM	\$ 21,350.00
10 HP "V" belt drive, 3,600 RPM	\$ 21,650.00
5 HP single phase, "V" belt drive, 3,600 RPM	\$ 21,790.00
7 1/2 HP single phase, "V" belt drive, 3,600 RPM	\$ 22,130.00

Approximate shipping weight – lbs. 2,400 (2,900 Exp. 152 cu. ft.)

NORTHFIELD HEAVY DUTY PATTERNMAKER'S JOINTER infeed table tilts 0° to 5° – table raises and lowers through large single incline wedges – cored tables 96" long – tables 32 1/2" above floor – 52" x 5 1/2" bevel fence, tilts to 45° – guards – handbrake with switch to cut off power – 6" diameter dust chute – rabbeting arm – steel lips – cut depth gauge – set 4-high speed steel knives.

12" Machine, add to above 12" Heavy Duty prices	\$ 2,280.00
<i>Approximate shipping weight – lbs. 1,900 (2,400 Exp. 116 cu. ft.)</i>	
16" Machine, add to above 16" Heavy Duty prices	\$ 2,720.00
<i>Approximate shipping weight – lbs. 2,300 (2,800 Exp. 144 cu. ft.)</i>	
24" Machine, add to above 24" Heavy Duty prices	\$ 2,800.00
<i>Approximate shipping weight – lbs. 2,600 (3,100 Exp. 152 cu. ft.)</i>	

Machines require approximately 800 CFM for dust collection.

Add 190 lbs. if knife grinder is ordered.

HEAVY DUTY JOINTER AND PATTERNMAKERS EXTRAS

Knife grinder and jointing attachment	\$ 2,670.00
Two-way tilting fence	\$ 700.00
16" three knife head – belt drive	Deduct \$ 100.00
Dial type knife setting gauge	\$ 190.00
Warner electric automatic brake	\$ 1,590.00
Switch for stopping power on application of hand brake	\$ 300.00
NEMA 12 with fused disconnect up to and including 7½ HP	\$ 1,160.00
Ditto 10 HP	\$ 1,400.00
Carbide-tipped knives available	Contact Factory
Terminus 4-knife quick change head, with HSS knives 12"	\$ 2,900.00
Terminus 4-knife quick change head, with HSS knives 16"	\$ 3,700.00
Terminus 4-knife quick change head, with HSS knives 24"	\$ 4,000.00
BYRD "SHELIX" Insert cutterhead 12"	\$ 950.00
BYRD "SHELIX" Insert cutterhead 16"	\$ 1,100.00
BYRD "SHELIX" Insert cutterhead 24"	\$ 2,800.00

The above prices for Terminus and BYRD heads are for new machines only.

HD JOINTER TABLE LENGTH

The overall length of the infeed and outfeed table is 96"
 The infeed table extends 52¼" from the cutterhead centerline
 The outfeed table extends 43¾" from the cutterhead centerline

	Motor Amperages	
	230	460
Approximate Full Load Amps 3 Phase	9	4.5
3 HP	15	7.5
5 HP	20	10
7½ HP	27	13.5
10 HP		

NORTHFIELD UNI-POINT RADIAL ARM SAW MODEL X36AF

UNI-POINT RADIAL SAW. Complete machine with steel enclosed base – 27" x 48" hardwood laminated table top 2" thick – heat treated telescope ram – 32 wide steel roller bearings – hardened steel bearing ways – crosscut capacity with guide fence in regular position – 17½"-25" capacity with guide fence in rear position – 23½" ripping capacity between saw and regular guide fence – 31" ripping capacity with guide fence in rear position – 4½" depth of cut with 16" blade – motor raises 10¼" from center of arbor to table top – saw tilts 45° left, pivots 70° right, 45° left – 48" x 60" floor space – 16" saw guard with undercarriage (less blade) – 5, 7½, 10 horsepower, 3,400 RPM 230/460 volt 3 phase – AC totally enclosed, fan cooled motor with 1" stress proof steel shaft – accommodates up to 19/16" wide cutting equipment – spacers, loose collar and nut – magnetic starter with 110 volt at push button – automatic ram return – Warner automatic electric brake, arbor wrench, maintenance tools.

Approximate shipping weight-lbs. 1,150 (1,350 lbs. export, 156 cu. ft.)
Crate size 65" x 56" x 74" high

HORSEPOWER	PHASE	VOLTAGE	PRICE
5	3	200-208, 230/460, 575	\$ 15,660.00
7½	3	200-208, 230/460, 575	\$ 16,310.00
10	3	200-208, 230/460, 575	\$ 17,230.00
5	1	230	Contact Factory

60 cycle, 3 phase, totally enclosed, fan cooled motors are standard, 50 cycle motors available. CONTACT FACTORY FOR OTHER MODIFICATIONS, VOLTAGE CHARACTERISTICS OR SPECIAL WIRING.

UNI-POINT ACCESSORIES

NEMA 12 enclosure with fused disconnect 5 & 7½ HP	\$ 1,160.00
Ditto 10 HP	\$ 1,400.00
Hydraulic crossfeed power unit	\$ 5,340.00
Front travel limit switch	\$ 1,100.00
Infeed & outfeed roller tables, 10' sections, 1.9" x 12" ball bearing rollers, 12" roller spacing, 10 rollers per section, section may be ganged, 2 legs provided each section	\$ 1,210.00
Additional 1.9" rollers (can be inserted in table 3" centers)	\$ 15.00
Graduated gauge and six stops left side, plain fence right side – 10' each side of saw blade (if graduated gauge should be right side and plain fence left side, specify accordingly)	\$ 940.00
Graduated section right or left side only, with six stops, no plain fence	\$ 870.00
Graduated gauges both sides with 12 stops	\$ 1,740.00
Additional stops, each	\$ 60.00
Dado arbor extension 1¾" diameter x 3" wide head capacity	\$ 400.00
NEMA 12 electrics for machine equipped with hydraulic crossfeed (up to and including 7½ HP)	\$ 2,130.00
Ditto 10 HP	\$ 2,310.00
AC variable frequency drives	Contact Factory
Deep Dado cover for 16" guard (up to 1½" wide)	\$ 210.00
Large Dado guard (4" wide head – 14" diameter)	\$ 360.00
Aluminum table	\$ 1,500.00
Less wood table	Deduct \$ 990.00
Less base and table	Deduct \$ 1,460.00
18" blade capacity	\$ 220.00
20" blade capacity	\$ 480.00
16" carbide tipped saw blade – 1" bore, 60 tth, ATB	\$ 280.00
18" carbide tipped saw blade – 1" bore, 60 tth, ATB	\$ 320.00
20" carbide tipped saw blade – 1" bore, 80 tth, ATB	\$ 400.00
Lennox lube system for blade, pump type, two nozzles	\$ 2,130.00

Rolling table shipping weight – 350 lbs.
Hydraulic cross-feed – 300 lbs.
Fences & Graduated Gauges – 117 lbs.
Hydraulic feed rate 40 FPM maximum

	Arbor Motor Amperages	
	230	460
Approximate Full Load Amps 230/460 volt, 3 ph, 60Hz Std 200-208 & 575 volt-contact factory	5 HP 3 ph 15	7.5
	7½ HP 3 ph 20	10
	10 HP 3 ph 26	13
	Hydraulic Unit 3 ph 3	1.5
	5 HP 1 ph 22	—

NORTHFIELD 90° CUT OFF SAW MODEL X36C

NORTHFIELD 90° CUT OFF SAW, X36C. Complete machine with steel enclosed base – 30" x 48" wood table top 2" thick – heat treated telescope ram – 32 wide steel roller bearings – hardened steel bearing ways – crosscut capacity with standard table 21" (25" capacity actual ram travel) – 4 1/2" depth of cut with 16" blade – motor raises 10" from center arbor to table top – 48" x 60" floor space – 16" saw guard with lower side guard protection (less blade) – 5, 7 1/2, 10 HP, 3,450 RPM, 200, 208/230/460/575 volt, 3 phase AC – totally enclosed fan cooled motor with 1" stressproof steel shaft – accommodates up to 1 9/16" wide cutting equipment, spacers, loose collar and nut – magnetic starter with 110 volt at push button – automatic ram return – Warner automatic electric brake, arbor wrench, maintenance tools.

Approximate shipping weight-lbs. 820 (1,020 lbs. export, 156 cu. ft.)
Crate size 65" x 56" x 74" high

HORSEPOWER	PHASE	VOLTAGE	PRICE
5	3	200-208, 230/460, 575	\$ 13,790.00
7 1/2	3	200-208, 230/460, 575	\$ 14,440.00
10	3	200-208, 230/460, 575	\$ 15,360.00
5	1	230	Contact Factory

CUT OFF SAW ACCESSORIES

NEMA 12 enclosure with fused disconnect 5 & 7 1/2 HP	\$ 1,160.00
Ditto 10 HP	\$ 1,400.00
Hydraulic crossfeed power unit	\$ 5,340.00
Front travel limit switch	\$ 1,100.00
Infeed & outfeed roller tables, 10' sections, 1.9" x 12" ball bearing rollers, 12" roller spacing, 10 rollers per section, section may be ganged, 2 legs provided each section	\$ 1,210.00
Additional 1.9" rollers (can be inserted in table 3" centers)	\$ 15.00
Graduated gauge and six stops left side, plain fence right side – 10' each side of saw blade (if graduated gauge should be right side and plain fence left side, specify accordingly)	\$ 940.00
Graduated section right or left side only, with six stops, no plain fence	\$ 870.00
Graduated gauges both sides with 12 stops	\$ 1,740.00
Additional stops, each	\$ 60.00
Dado arbor extension 1 3/8" diameter x 3" wide head capacity	\$ 400.00
NEMA 12 electrics for machine equipped with hydraulic crossfeed	
(up to and including 7 1/2 HP)	\$ 2,130.00
Ditto 10 HP	\$ 2,310.00
Deep Dado cover for 16" guard (up to 1 1/2" wide)	\$ 210.00
Large Dado guard (4" wide head – 14" diameter)	\$ 360.00
AC variable frequency drives available, 5 and 7 1/2	Contact Factory
18" blade capacity	\$ 220.00
20" blade capacity	\$ 480.00
Aluminum table	\$ 1,500.00
Less wood table	Deduct \$ 750.00
Less base and table	Deduct \$ 1,430.00
16" carbide tipped saw blade – 1" bore, 60 tth, ATB	\$ 280.00
18" carbide tipped saw blade – 1" bore, 60 tth, ATB	\$ 320.00
20" carbide tipped saw blade – 1" bore, 80 tth, ATB	\$ 400.00
Lennox lube system for blade, pump type, two nozzles	\$ 2,130.00
Power clamp under motor – both sides of blade must be ordered with hydraulic package	\$ 1,600.00

Rolling table shipping weight – 350 lbs.
Hydraulic cross-feed – 300 lbs.
Hydraulic feed rate 40 FPM maximum

	Arbor Motor Amperages			
			230	460
Approximate Full Load Amps	5 HP	3 ph	15	7.5
230/460 volt, 3 ph, 60Hz Std	7 1/2 HP	3 ph	20	10
200-208 & 575 volt-contact factory	10 HP	3 ph	26	13
	Hydraulic Unit	3 ph	3	1.5
	5 HP	1 ph	22	—

NORTHFIELD UNDER TABLE CUT OFF SAWS MODELS 208, 212, 410 & 410S

2" X 8" CAPACITY — 14" BLADE (not included)

NORTHFIELD MODEL 208. Under table cut off saw with enclosed steel base – 3" sawdust outlet – cast iron table – 5 HP TEFC motor – magnetic starter with 110 volt at push button – filter, regulator, oiler, single palm switch – Timken Bearings on stress proof steel arbor – 3,600 RPM vee belt drive – 20-100 CPM operating speed – 1" arbor 208 230/460 60/3.

- 5 hp 3 ph – Specify right or left hand\$ **10,600.00**
- 5 hp 1 ph – Specify right or left hand\$ **11,170.00**

Approximate shipping weight-lbs. 900 (1,100 lbs. export, 62 cu. ft.)

2" X 12" CAPACITY — 16" BLADE (not included)

NORTHFIELD MODEL 212. Under table cut off saw with enclosed steel base – 3" sawdust outlet – cast iron table – 7½ HP TEFC motor – magnetic starter with 110 volt at push button – filter, regulator, oiler, single palm switch – Timken Bearings on stress proof steel arbor – 3,600 RPM vee belt drive – 20-100 CPM operating speed – 1" arbor 208 230/460 60/3.

- 7½ hp 3 ph – Specify right or left hand\$ **11,230.00**
- 7½ hp 1 ph – Specify right or left hand\$ **11,520.00**

Approximate shipping weight-lbs. 940 (1,140 lbs. export, 62 cu. ft.)

4" X 10" CAPACITY — 18" BLADE (not included)

NORTHFIELD MODEL 410. Under table cut off saw with enclosed steel base – 3" sawdust outlet – cast iron table – magnetic starter with 110 volt at push button – filter, regulator, oiler, single palm switch – Timken Bearings on stress proof steel arbor – 2,900 RPM vee belt drive – 20-60 CPM operating speed – 1" arbor 208 230/460 60/3.

- 10 hp 3 ph – Specify right or left hand\$ **11,680.00**
- 7½ hp 1 ph – Specify right or left hand\$ **11,550.00**

Approximate shipping weight-lbs. 980 (1,180 lbs. export, 64 cu. ft.) 45" x 45" x 55" high

4" X 10" CAPACITY — 18" BLADE (not included)

NORTHFIELD MODEL 410S. Under table cut off saw with stabilized air actuated upper guard with pressure switch and enclosed steel base – 4" sawdust outlet – cast iron table – Timken Bearings on stress proof steel arbor – 2,900 RPM vee belt drive – 24-40 CPM operating speed – 1" arbor 208 230/460 60/3.

- 10 hp 3 ph – Specify right or left hand\$ **13,070.00**
- 7½ hp 1 ph – Specify right or left hand\$ **12,950.00**

Approximate shipping weight-lbs. 980 (1,180 lbs. export, 53 cu. ft.)

The machines require approximately 400 CFM airflow for dust collection.

- Rolling table shipping weight 200 lbs. each section.
- Additional 1.9" rollers 2 lbs. each.
- Drop-off table shipping weight 200 lbs.
- StopBar with stop for roll table shipping weight 100 lbs.
- 2" high plain fence 10' section – shipping weight 25 lbs.
- 10° tilt feet - shipping weight 30 lbs.

	Arbor Motor Amperages		
	230	460	
Approximate Full Load Amps	208 5 HP	13	6.5
230/460 volt, 3 ph, 60Hz Std	212 7½ HP	19	9.5
200-208 & 575 volt-contact factory	410 10 HP	24	12

OPTIONS FOR 208, 212, 410 & 410S

Magnetic blade lifters (per pair)	\$ 70.00
Two palm control anti tie down	\$ 470.00
NEMA 12 electrics with fused disconnect for 208 & 212	\$ 1,160.00
NEMA 12 electrics with fused disconnect for 410	\$ 1,400.00
Infeed or outfeed roller tables, 10' sections, 1.9" x 12" ball bearings rollers, 12" roller spacing, 10 rollers per section, sections may be ganged, 1 leg provided each section ..	\$ 630.00
Additional 1.9" rollers (can be inserted in table 3" centers)	\$ 15.00
2" high plain fence for infeed table 10' long	\$ 170.00
2" high plain fence for infeed table, extends across saw table to guard	\$ 190.00
4" high plain fence for infeed table 10' long	\$ 220.00
4" high plain fence for infeed table, extends across saw table to guard	\$ 260.00
1" graduated stop bar with 4 stops for mounting to outfeed roller table - 10' long	\$ 890.00
Outfeed dropoff table with 1" graduated stop bar and 4 stops - 10' long	\$ 1,210.00
Additional stops	\$ 55.00
Air over oil feed for non ferrous cutting	\$ 800.00
Lennox lube coolant system for blade, pump type, two nozzles	\$ 2,130.00
14" Blade 60 tth ATB 1" Bore	\$ 230.00
16" Blade 60 tth ATB 1" Bore	\$ 280.00
18" Blade 60 tth ATB 1" Bore	\$ 320.00
18" Blade 80 tth ATB 1" Bore negative hook for non ferrous cutting	\$ 400.00
TIGERSTOP™ automatic cutoff stop	Contact Factory
Foot pedal in lieu of palm button	\$ 300.00
Additional 4" dust outlet on side of blade box	\$ 150.00

OPTIONS FOR 410S

Front loading guard	\$ 400.00
---------------------------	-----------

PACK SAW OPTIONS

Filled in table center	\$ 100.00
10° tilt base for upcut saw (raises front of 1012 saw 8 1/2")	\$ 350.00
10° tilt brackets for tables (1 required for each 10' table)	\$ 40.00
Steel deck on tables (no rollers) per each 10' table (provides mount for TIGERSTOP™)	\$ 320.00
4" wide mount ledge for TIGERSTOP™ on roller tables (per 10' section)	\$ 220.00
Proximity switch bracket for TIGERSTOP™ advanced interlock	\$ 120.00
2" high fence on outfeed table, extends across saw table to guard with throat shoe	\$ 290.00
4" high fence on outfeed table, extends across saw table to guard with throat shoe	\$ 360.00

STOP BAR COMPONENTS

Cast iron finger stops for 1" square bars	\$ 55.00
Clamp on steel finger stops for 1" square bars	\$ 45.00
Drop on steel finger stops for 3/16" x 1 1/2" angle iron stop bar	\$ 35.00
1" square stop bars with grad tape 10' long	\$ 220.00
1" stop bars available any length	per foot \$ 22.00
Stands for 1" square stop bars with bolts 3" center height	each \$ 75.00
1 1/2" x 1 1/2" x 3/16" angle iron stop bar with grad tape 10' long	\$ 190.00

NORTHFIELD UNDER TABLE CUT OFF SAWS MODELS 612 & 1012

6" X 12" CAPACITY — 24" BLADE (not included)

NORTHFIELD MODEL 612. Under table cut off saw with enclosed steel base – 4" sawdust outlet – steel table with two rollers – 15 HP TEFC motor – magnetic starter with 110 volt at push button – filter, regulator, oiler, single palm switch – Timken Bearings on stress proof steel arbor – 1,800 RPM vee belt drive – 5-15 CPM operating speed – Pressure switch on upper guard cylinder – 1 1/4" arbor 208 230/460 60/3.

Specify right or left hand\$ 15,630.00

Approximate shipping weight-lbs. 1,600 (1,850 lbs. export, 105 cu. ft. 44" x 55" x 74")

NOTE: By moving the fence back, a 2" x 20" cut may be obtained.

10" X 12" CAPACITY — 32" BLADE (not included)

NORTHFIELD MODEL 1012. Under table cut off saw with enclosed steel base – 4" sawdust outlet – steel table with two rollers – 15 HP TEFC motor – magnetic starter with 110 volt at push button – filter, regulator, oiler, single palm switch – Timken Bearings on stress proof steel arbor – 1,350 RPM vee belt drive – 5-10 CPM operating speed – Pressure switch on upper guard cylinder – 1 1/4" arbor 208 230/460 60/3.

Specify right or left hand\$ 16,130.00

Approximate shipping weight-lbs. 1,700 (1,950 lbs. export, 115 cu. ft. 44" x 55" x 80")

**NOTE: By moving the fence back, a 3" x 24" cut may be obtained.
The 4" outlets require approximately 400 CFM airflow for dust collection.**

OPTIONS FOR 612 & 1012

Solid table top - no rollers	N/C
Two palm control anti tie down	\$ 470.00
NEMA 12 electrics with fused disconnect	\$ 1,600.00
Infeed or outfeed roller tables, 10' sections, 1.9" x 12" ball bearings rollers, 12" roller spacing, 10 rollers per section, sections may be ganged, 1 leg provided each section ..	\$ 630.00
Additional 1.9" rollers (can be inserted in table 3" centers)	\$ 15.00
Infeed or outfeed roller tables, 10' sections, 1.9" x 17" ball bearings rollers, 12" roller spacing, 10 rollers per section, sections may be ganged, 1 leg provided each section ..	\$ 940.00
Additional 1.9" rollers (can be inserted in table 3" centers)	\$ 20.00
2" high plain fence for infeed table 10' long	\$ 170.00
2" high plain fence for infeed table, extends across saw table to guard	\$ 190.00
4" high plain fence for infeed table 10' long	\$ 220.00
4" high plain fence for infeed table, extends across saw table to guard	\$ 260.00
1" graduated stop bar with 4 stops for mounting to outfeed roller table – 10' long	\$ 890.00
Outfeed dropoff table with 1" graduated stop bar and 4 stops – 10' long	\$ 1,210.00
Additional stops	\$ 55.00
Air over oil feed for non ferrous cutting	\$ 800.00
Lennox lube coolant system for blade, pump type, two nozzles	\$ 2,130.00
24" Blade 80 tth 10° hook ATB 1 1/4" Bore	\$ 900.00
32" Blade 60 tth 15° hook ATB 1 1/4" Bore	\$ 1,070.00
32" Blade 80 tth ATB 1 1/4" Bore	\$ 1,120.00
24" Blade 60 tth negative hook for non ferrous cutting	\$ 980.00
Magnetic blade lifters per pair	\$ 70.00
TIGERSTOP™ automatic cutoff stop	Contact Factory
24" wide roller conveyor	Contact Factory
Foot pedal in lieu of palm button	\$ 300.00
Front loading guard	\$ 500.00
Additional 4" dust outlet on side of blade box	\$ 150.00

Rolling table shipping weight 200 lbs. each section.
Drop-off table shipping weight 200 lbs.
StopBar with stop for roll table shipping weight 100 lbs.
2" high plain fence 10' section – shipping weight 25 lbs.
Additional 1.9" rollers 2 lbs. each.

Approximate Full Load Amps	Arbor Motor Amperages		
230/460 volt, 3 ph, 60Hz Std	230	460	
200-208 & 575 volt-contact factory	15 HP	40	20



STOP BAR COMPONENTS

Cast iron finger stops for 1" square bars .....	.\$	55.00
Clamp on steel finger stops for 1" square bars .....	.\$	45.00
Drop on steel finger stops for 3/16" x 1 1/2" angle iron stop bar .....	.\$	35.00
1" square stop bars with grad tape 10' long .....	.\$	220.00
1" stop bars available any length .....	.per foot \$	22.00
Stands for 1" square stop bars with bolts 3" center height	each \$	75.00
1 1/2" x 1 1/2" x 3/16" angle iron stop bar with grad tape 10' long .....	.\$	190.00



MORTISE CHAIN GRINDER

Mortise Chain Sharpener (grinder) with 1/2 HP motor, 170 lbs.	Add \$ 2,300.00
Sprockets for chain sharpener, each	Add \$ 80.00
Emery wheels for chain sharpener, each	Add \$ 80.00
Mortise chain, bar & sprocket sets	Contact Factory

NORTHFIELD EDGE DELETE TABLE

NORTHFIELD EDGE DELETE TABLE 3/4 HP, 1,725 RPM TEFC motor – 4000 RPM belt driven spindle spring tensioned – steel tubing frame – R&L drop tables – front drop table – soft coat detection system – table height 36", 3" x 1/2" arbor size – dust collection system with HEPA filter – 115 volt, 1 phase, 60 cycle.

.....	..\$ 12,920.00
Square tube caster deck-allows broken glass to fall through to floor	Add \$ 2,400.00

Approximate shipping weight-lbs. 1,700 (1,950 lbs. export, 120 cu. ft.)

Custom sized edge delete tables availableContact Factory

UPPER AND LOWER HEAD EDGE DELETE TABLE Allows edge deletion on both sides of glass in one pass – Same as above but with upper and lower 3/4 hp deletion heads.

.....	..\$ 15,440.00
-------	----------------

Approximate shipping weight-lbs. 1,800 (2,050 lbs. export, 120 cu. ft.)

66" x 168" EDGE DELETE TABLE Square tube caster deck allows broken glass to fall through to floor – same wheel head and detection system as above – 36" work height – 30" x 30" front drop table – no side drop tables – 8 legs with 2" height adjustment.

.....	..\$ 21,700.00
-------	----------------

Approximate shipping weight-lbs. 4,000

EDGE DELETE HEAD ONLY with start switch, cord & plug	\$ 4,200.00
--	-------------

ROLLER FEEDERS

3 roll, 8 speed, 1 HP, 6.5/13/18/22/36/43/55/108, FPM feed rate (4.75" 120 mm) x (60 mm 2.36"), rollers, universal stand, 3/4" roller travel.

230/460/60/3 specify single voltage\$ 1,100.00
 220/60/1 phase\$ 1,200.00

*Feeder & stand shipping weight 155 lbs.
 Feeder only no stand shipping weight 70 lbs.*

	Motor Amperages	
	220	440
1 HP	3.5	1.8

Mount Feeder\$ 250.00
 Wire Feeder with overload block & plug\$ 500.00

UNIVERSAL STANDS (to mount feeder head to other machines) mount base has a 90 mm x 108 mm belt pattern use 1/2" diameter bolts

.....\$ 300.00

Shipping weight 85 lbs.

BAND SAW RESAW FEEDERS

Single roll resaw feeder, rubber covered feed drum 8 1/2" diameter x 9 1/4" high, 1/2 HP feed motor, 6-90 FPM 10 steps, roller fence. 80:1 Ratio in main reduction.

230/460/60/3 specify single voltage\$ 2,800.00
 Toothed roller in lieu of rubber roller\$ 150.00

Shipping weight 300 lbs.

Mount Feeder\$ 250.00
 Wire Feeder with overload block & plug\$ 500.00

NORTHFIELD CHEESE PUNCH FOR PIERCING WHEELS OF BLEU CHEESE TO PROMOTE AGING

Stainless steel construction, handles 8" diameter and up to 6" thick cheese wheels. Has 54 1/8" diameter pins - pneumatically operated - double palm anti tie down controls. 31 1/2" table height.

.....\$ 4,780.00

Approximate shipping weight 225 lbs. - 300 lbs. Export 3' x 2.5' x 4' 30 cu. ft.

HYDRAULIC PUP LIFT LIFTS APPROXIMATELY 28,000 LBS.

For moving Cardinal® Style A frame sheet glass transportation racks. Connects to fork lift mast. 4 low profile hydraulic cylinders raise A frame racks. Separate 12 VDC Hydraulic power unit in line with lift bed. 8 wheels on 4 axle assemblies (2 stationary, 2 steering).

.....\$ 15,500.00

Approximate shipping weight 2,000 lbs.

SELF DUMPING HOPPERS FOR THE SHEET GLASS INDUSTRY

1 3/4 Yards. 2' x 6' x 6' Opening. 1/4" Steel plate construction, reinforced opening perimeter, fork tubes in tilt base.

.....\$ 4,950.00

Approximate shipping weight 1,960 lbs.

NORTHFIELD PROMOTIONAL ITEMS

- | | | |
|---|----|-------|
| NORTHFIELD CLOCKS | \$ | 50.00 |
| 12" diameter, battery powered, logo in center | | |
| NORTHFIELD HATS | \$ | 18.00 |
| Tan with forest green bill | | |

NORTHFIELD WARRANTY

All machines or parts of our manufacture are under warranty against defective material or workmanship for a period of one year from the date of sale. We will replace or repair any part or parts that, upon examination by us, appear to be defective, provided the parts claimed defective are sent to us at Northfield, MN, transportation prepaid. This warranty does not obligate us to bear the cost of labor in replacing such parts. Defects in electrical equipment, ball or roller bearings, or other trade accessories will be in accordance with the standard warranty of the manufacturer thereof. The company makes no warranty as to fitness of its products for specific applications by the buyer.

NORTHFIELD MACHINERY BUILDERS, INC.
