

SIMON-DAY LTD.,
WINNIPEG, MANITOBA.

SHEET NO. 101-1,
January 6, 1969,
SUPERSEDES - 12/1/67.

MOTOR DRIVE ATTACHMENTS FOR VIKING

FOR NO. 2 - 32" VIKING (Electric Motor)	\$ 14.25
FOR NO. 3 - 40" VIKING (Electric Motor)	14.25

ABOVE PRICES INCLUDE THE COMPLETE DRIVE LESS
MOTOR (OR GAS ENGINE) CONSISTING OF MOTOR BASE,
SHEAVES FOR BOTH FANNING MILL AND MOTOR (OR GAS)
ENGINE) AND V-BELT AS LISTED ON SHEET NUMBERS
201-4 and 201-5.

ALL PRICES F.O.B. WINNIPEG, MANITOBA

SIMON-DAY LTD.,
WINNIPEG, MANITOBA

SHEET NO. 101-2
July 21, 1975
SUPERSEDES - 3/1/70

VIKING GRAIN CLEANER GANGS, ROLLS & SIEVES

No. 1 VIKING 24" GANG (4 SIEVES)				\$ 45.00
No. 2 VIKING 32" GANG (4 SIEVES)				54.00
No. 3 VIKING 40" GANG (4 SIEVES)				63.00
WIRE ROLLS (STANDARD) #00, 0, 1, 2, 3, 3-1/2, 4				APR. 4 th /83 → 40.45 24.00
STEEL AND SPECIAL FINE WIRE ROLLS - 5/64, 5-1/2/64				28.50
ZINC OR WIRE DUPLEX SEED SIEVE (UNDER HOPPER) (WITH FRAMES INCLUDED)	<u>24"</u>	<u>32"</u>	<u>40"</u>	
	7.95	9.95	11.95	
ZINC OR WIRE DUPLEX SEED SIEVE (UNDER HOPPER) (FRAMES ONLY)		2.10	2.75	
ZINC SIEVES OR WIRE SCREENS FOR GANG (WITH FRAMES INCLUDED)	11.25	13.50	15.75	
ZINC SIEVES OR WIRE SCREENS FOR GANG (FRAMES ONLY)		4.00	5.00	

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

ALL PRICES F.O.B. WINNIPEG, MANITOBA

SIMON-DAY LTD.,
WINNIPEG, MANITOBA.

SHEET NO. 101-3,
March 1, 1970,
SUPERSEDES - 1/6/69.

VIKING GRAIN CLEANER ATTACHMENTS

No. 1	VIKING 24" DUPLEX ATTACHMENT	\$ 24.50
No. 2	VIKING 32" DUPLEX ATTACHMENT	27.50
No. 3	VIKING 40" DUPLEX ATTACHMENT	30.50

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No. 1	VIKING 24" FLAX ATTACHMENT	31.00
No. 2	VIKING 32" FLAX ATTACHMENT	48.00
No. 3	VIKING 40" FLAX ATTACHMENT	66.00

ALL PRICES SHOWN ABOVE INCLUDE
EQUIPMENT AS LISTED ON
SHEET NO. 201-2

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BASE FOR MOTOR (OR ENGINE)	5.25
BRACKET TYPE POWER ATTACHMENT (H.C. 2783 - cpt.) Less Pulley	7.45

PRICES SUBJECT TO CHANGE WITHOUT NOTICE.

ALL PRICES F.O.B. WINNIPEG, MANITOBA.

SIMON-DAY LTD.,
WINNIPEG, MANITOBA.

SHEET NO. 101-4,
March 1, 1969,
SUPERSEDES - 12/1/67.

VIKING GRAIN CLEANER PARTS

<u>PART NO.</u>	<u>DESCRIPTION</u>	
1	Lower Bearing Box for 5/8" Shaft c/w Oilite Bushing	\$ 2.65
1A	Clip and Set of Rollers . . . . .	.95
P7	Pitman Sprocket 5/8" bore	2.15
6	Screen Hooks, per pair . . . . .	.80
12	Shaker Iron Clip . . . . .	.65
V17	Hand Wheel for Feed Adjustment . . . . .	.85
24	Iron Cross Arm for End of Roll (Feed End) (Assy. 1.65)	1.00
26	Shaker Plates . . . . .	.65
36	Set Collar for V3, 3/4" bore	1.10
45	Stud for Fanning Mill	2.50
C45	Feed Shaft Shaker Cast 1/2" bore	1.40
C45	Feed Shaft Shaker Complete	2.75
47	Spider for Fan Shaft for V3	3.25
C51	Lip Shaker Arm Cast	1.25
C51	Lip Shaker Arm Complete	2.50
57	Power Attachment Bearing w/Bushing 5/8" bore	2.95
57	Power Attachment Bearing w/Bushing 3/4" bore	2.95
	5/8" Oilite Bushing for No. 57 Bearing . . . . .	.80
	3/4" Oilite Bushing for No. 57 Bearing . . . . .	.90
V60	Shaft Type Power Attachment complete for 32" Mill (Less Pulley)	11.25
V60	Shaft Type Power Attachment complete for 40" Mill (Less Pulley)	12.25
75	Iron Cross Arm for End of Roll (Discharge End)	1.50
88	Bevel Gear Bracket	2.95
89	Bevel Gear, 26 Tooth and Shaft	3.35
90	15 Tooth Gear Pinion and 18 Tooth Sprocket	2.95
91	Roll Top Journals, 1/2" Bore . . . . .	.70
92	Chain Tightner with Sprocket for Roll Chain	2.75
93	7 Tooth Sprocket 1/2" bore for Chain Tightner	1.50
105	Iron Hanger for Upper Shoe . . . . .	.70
126	Tie Rod, Upper Shoe V1 - 1/4" (Give Length) . . . . .	.65
126	Tie Rod, Upper Shoe V2 - 1/4" (Give Length) . . . . .	.75
126	Tie Rod, Upper Shoe V3 - 1/4" (Give Length) . . . . .	.85
138	Fan Shaft for V1 - 24" Mill 29" Long	3.50
138	Fan Shaft for V2 - 32" Mill 37" Long	3.85
138	Fan Shaft for V3 - 40" Mill 45" Long	6.00
147	Power Attachment Shaft for 32" Mill 5/8" x 42"	2.75

ALL PRICES F.O.B. WINNIPEG, MANITOBA.

SIMON-DAY LTD.,
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SHEET NO. 101-6,
March 1, 1969,
SUPERSEDES - 12/1/67.

VIKING GRAIN CLEANER WOODEN PARTS

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>32"</u>	<u>40"</u>
1	Legs	\$ 2.75	\$ 2.75
2	Legs	2.75	2.75
3	Hopper Sides	3.95	3.95
4	Girts	2.25	2.25
5	Tie-Boards	2.25	2.50
6	Tie-Boards	2.25	2.50
7	Journal Block . . . . .	.70	.70
8	Hopper Front	2.65	2.95
9	Hopper Bottom	7.50	8.00
10	Cross Girt . . . . .	.80	.80
11	Hopper Block . . . . .	.80	.80
14	Handle	2.25	2.25
15	Drum Side	3.00	3.00
15½	Drum Center Section	-	2.65
16	Drum Circle	2.85	2.85
16½	. . . . .	-	2.60
17	Drum Side Board90	1.00
18	Drum Hopper Back90	1.00

ALL PRICES F.O.B. WINNIPEG, MANITOBA.

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SHEET NO. 101-7,
March 1, 1969,
SUPERSEDES - 12/1/67.

VIKING GRAIN CLEANER WOODEN PARTS - cont'd.

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>32"</u>	<u>40"</u>
19	Drum Hopper Bottom	\$ 1.10	\$ 1.20
20	Drum Damper	1.10	1.20
21	Drum Tail Wind Board	1.50	1.65
22	Drum Cleats . . . . .	.25	.25
24	Hopper Blocks . . . . .	.25	.25
25	Spider . . . . .	.90	.60
26	Spider . . . . .	.90	.60
27	Drum Fan Wings . . . . .	.55	.55
28	Pitmans	1.40	1.40
29	Roll Journal Bars	2.00	2.00
30	Flares . . . . .	.90	.90
31	Roll Hopper Back	1.65	1.70
32	Roll Hopper Front	1.75	1.80
33	Roll Hopper End . . . . .	.20	.20
34	Roll Hopper Center . . . . .	.20	.20
35	Shoe Side	2.25	2.25
36	Shoe Side Cleat80	.80
37	Deck Filler70	.70

ALL PRICES F.O.B. WINNIPEG, MANITOBA.

SIMON-DAY LTD.,
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SHEET NO. 101-8,
March 1, 1969,
SUPERSEDES - 12/1/67.

VIKING GRAIN CLEANER WOODEN PARTS - cont'd.

<u>PART NO.</u>	<u>DESCRIPTION</u>	<u>32"</u>	<u>40"</u>
38	Shoe Bottom Cross Piece	\$.65	\$.65
39	Shoe Top End Cross Piece . . . . .	.65	.65
40	Shoe Bottom Cross Piece . . . . .	.95	1.00
41	Roll Sticks . . . . .	.35	.35
42	Crank Handle . . . . .	.60	.60
43	Front Tie Board Filler . . . . .	.90	.90
44	Drum Center Duct Filler	-	.65
45	Drum Center Duct Filler	-	.70
46	Drum Cross Cleat	-	.65
	Hopper Divider.	-	.70
	Sieve Frames K.D. Inc. Duplex	2.25	2.50
	Feed Hopper Assy. for Rolls Less Castings	9.75	11.25
	Feed Hopper Assy. with Castings	13.00	15.00
	Shoe Assy. less Tie Rods and Castings	24.50	27.50

ALL PRICES F.O.B. WINNIPEG, MANITOBA.

SHEET NO. 201-5
JULY 1st, 1956

VIKING FANMILL MILLS DATA-CONTINUED
MOTOR DRIVE ATTACHMENTS CONTINUED

FOR NO. 3 - 40" VIKING WITH ELECTRIC MOTOR

This motor drive attachment is a V-Belt drive and is complete except for motor. The motor and sheaves required are as follows:

1/2 H.P. Motor running at 1735 R.P.M.

Motor Base

2 1/4" V-Sheave on motor

10" V-Sheave on drive shaft at 400 R.P.M. *3/4" dia*

1830 V-Belt "A" section

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FOR NO. 3 - 40" VIKING WITH GAS. ENGINE

This engine drive attachment is a V-Belt drive and is complete except for gas. engine. The engine and sheaves required are as follows:

3 H.P. Gas engine running at 2400 R.P.M.

Motor Stand

2 1/2" V-Sheave on engine

14" V-Sheave on drive shaft at 400 R.P.M.

A-90 V-Belt "A" Section

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ADDITIONAL POWER IS REQUIRED WHEN USING ELEVATORS OR BAGGERS. IF ENGINE RUNS ANY OTHER SPEED THAN ABOVE, GIVE SPEED OF ENGINE, SIZE OF PULLEY, AND DIAMETER OF SHAFT ON SAME.

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SHEET NO. 201-4
JULY 1st, 1956

VIKING FANING MILLS DATA CONTINUED
MOTOR DRIVE ATTACHMENTS CONTINUED

FOR NO. 2 - 32 " VIKING WITH ELECTRIC MOTOR

This motor drive attachment is a V-Belt drive and is complete except for motor. The motor and sheaves required are as follows:

1/3 H.P. motor running 1735 R.P.M.

Motor Base

2 1/2" V-Sheave on motor

10" V-Sheave 5/8" bore on drive shaft at 400 R.P.M.

1830 V-Belt "A" Section

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FOR NO. 2 - 32" VIKING WITH GAS ENGINE

This engine drive attachment is a V-Belt drive and is complete except for gas. engine. The engine and sheaves required are as follows:

2 H.P. gas engine running at 2400 R.P.M.

Motor Stand

2 1/2" V-Sheave on Engine

14" V-Sheave on drive shaft at 400 R.P.M.

A-90 Belt "A" Section

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ADDITIONAL POWER IS REQUIRED WHEN USING ELEVATORS OR BAGGER.
IF ENGINE RUNS ANY OTHER SPEED THAN ABOVE, GIVE SPEED OF ENCL.
SIZE OF PULLEY, AND DIAMETER OF SHAFT ON SAME.

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(SEE SHEET NO. 101-1 FOR PRICES)

VIKING FANNING MILL DATA CONTINUED

MOTOR DRIVE ATTACHMENTS

FOR NO. 1 - 24" VIKING WITH ELECTRIC MOTOR

This motor drive attachment is a V-Belt drive and is complete except for motor. the motor and sheaves required are as follows;

1/3 H.P. MOTOR running 1735 R.P.M.

Shaft type power attachment complete

Motor stand

2 1/2" V-Sheave on motor

10" V-Sheave 5/8" bore on drive shaft running at 400 R.P.M.

1830 V-Belt "A" section

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FOR NO. 1 - 24" VIKING WITH GASOLINE ENGINE

This engine drive attachment is a V-Belt drive and is complete except for engine. The engine and sheaves required are as follows:

2 H.P. Gas. engine running at 2400 R.P.M.

Shaft type power attachment complete

Motor Stand

2 1/2" V-Sheave on engine

14" V-Sheave on drive shaft running at 400 R.P.M.

A-90 V-Belt "A" Section

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ALL 24" MILLS ARE EQUIPPED WITH HAND DRIVE SPROCKET AND CRANK. THIS IS STANDARD EQUIPMENT AND IS NOT RETURNABLE, IF REPLACED WITH OTHER POWER DRIVE EQUIPMENT.

(SEE SHEET NO. 101-1 FOR PRICES)

VIKING FANNING MILL DATA CONTINUED

NO. 1 VIKING 24" (3 roll) FLAX ATTACHMENT CONSISTS OF:

- 1- 8/64 R.H. Zinc Scalper Sieve
- 1- 4 x 14 Wire Screen Sieve
- Both Sieves in Upper Shoe
- 1- 5 $\frac{1}{2}$ /64 R.H. Zinc Roll
- 2- Diversion Pans

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NO. 2 VIKING 32" (4 roll) FLAX ATTACHMENT CONSISTS OF:

- 1- 8/64 R.H. Zinc Scalper Sieve
- 1- 4 x 14 Wire Screen Sieve
- Both in upper shoe
- 2- 5 $\frac{1}{2}$ /64 R.H. Zinc Rolls
- 2- Diversion Pans

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NO. 3 VIKING 40" (5 roll) FLAX ATTACHMENT CONSISTS OF:

- 1- 8/64 R.H. Zinc Scalper Sieve
- 1- 4 x 14 Wire Screen Sieve
- Both in upper shoe
- 3- 5 $\frac{1}{2}$ /64 R.H. Zinc Rolls
- 2- Diversion Pans

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DUPLIX ATTACHMENT FOR ALL VIKING MILLS CONSISTS OF:

- 1- Duplex Pan
- 1- 6V Zinc Duplex Sieve
- 1- 5 $\frac{1}{2}$ /64 R.H. Zinc Duplex Sieve
- 2- Blocks to attach attachment to Mill
- 11- Wood Screws

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(SEE SHEET NO. 101-2 FOR PRICES)

SHEET NO. 201 - 1
JULY 1st, 1956

VIKING FANNING MILL DATA CONTINUED

	<u>LENGTH</u>	<u>WIDTH</u>	<u>HEEL</u>
NO. 1 VIKING 24" (3 roll)	48"	32"	50"
NO. 2 VIKING 32" (4 roll)	48"	40"	50"
NO. 3 VIKING 40" (5 roll)	48"	48"	50"

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ALL VIKING MILLS RUN AT 400 R.P.M. ON THE FAN SHAFT AND 52 R.P.M. ON THE ROLLS WITH AN HC 2781 - 7 TOOTH SPROCKET $\frac{1}{2}$ " BORE ON END OF THE #89 BEVEL GEAR AND SHAFT. TWO 7P PITMAN SPROCKETS, ONE AT EACH END OF THE FAN SHAFT. 7 TOOTH SPROCKET $\frac{5}{8}$ " BORE ON FAN SHAFT, DRIVING #90 COMB. SPROCKET AND PINION.

TO INCREASE THE SPEED OF THE ROLLS AND MAINTAIN THE SAME SHAFT ON THE UPPER SHOE, CHANGE THE HC 2781 - 7 TOOTH SPROCKET $\frac{1}{2}$ " BORE ON THE END OF THE #89 BEVEL GEAR AND SHAFT TO AN HC 2782 - 8 TOOTH SPROCKET. THIS INCREASES THE ROLL SPEED TO 59-60 R.P.M.

TO DECREASE THE SPEED OF THE ROLLS AND MAINTAIN THE SAME SHAFT ON THE UPPER SHOE CHANGE THE HC 2781 - 7 TOOTH SPROCKET TO AN HC 2780 - 6 TOOTH. THIS SLOWS THE ROLLS DOWN TO 44 - 45 R.P.M.

TO INCREASE THE WIND BLAST ON MODELS UP TO "G" TYPE, CHANGE THE PITMAN SPROCKETS, ONE AT EACH END OF THE FAN SHAFT FROM 8P TO 7P.

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VIKING FANNING MILL DATA

STANDARD EQUIPMENT WITH EACH MILL CONSISTS OF:

- 1- 2 x 6 wire scalper, upper shoe
- 1- 13/64 wheat gang (consisting of 4 sieves)
- 1- 5 1/2/64 R.H. Weed seed sieve
- 1- 6V Weed Seed Sieve
- No. 2 and No. 3 Rolls (unless otherwise specified)

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ALL 32" AND 40" MILLS ARE SHIPPED WITH POWER SHAFT LESS DRIVE PULLEY (NO HAND CRANK)

THE 24" MILLS ARE EQUIPPED WITH HAND DRIVE SPROCKET AND CRANK. THIS IS STANDARD EQUIPMENT AND IS NOT RETURNABLE, IF REPLACED WITH OTHER POWER DRIVE EQUIPMENT.

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GANGS ARE AVAILABLE IN ALL SIZES OF ROUND HOLE PERFORATED ZINC. ALL GANGS CONSIST OF FOUR SIEVES

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THE CAPACITY OF THE VIKING MILLS ARE APPROXIMATELY AS FOLLOWS.

- No. 1-24" Viking (3 rolls) 20 - 25 bushels per hour (Wheat)
- No. 2-32" Viking (4 rolls) 30 - 35 bushels per hour (Wheat)
- No. 3-40" Viking (5 rolls) 38 - 42 bushels per hour (Wheat)

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