

Duplex Mill & Mfg. Co.

Price List - Machinery

Prices subject to change without notice.

Corn Cutter and Graders

Price list number: DN1004-PL-MQW

Ref: 034801C, #384, Effective: 1/1/01

Comments: published 1/18/01

KELLY DUPLEX CORN CUTTERS AND GRADERS (for shelled corn, wheat and oat groats)

feature a convenient inlet hopper, corn cutter head, and wooden grading shoe with either two T304SS screens for three products, or three T304SS screens for four products. Optional aspiration system cleans and polishes the segmented grain and includes a 30" diameter cyclone dust collector complete with adjustable weather hood, 10' of 6" conductor pipe, a 6" 90 degree elbow and a special section for the end of the cyclone discharge. This special section has a cut-off to prevent updraft through the cyclone and is equipped with a bag holder. Motor drive prices include a 3 phase, 60 cycle, TEFC, 230/460 volt motor, complete with V-Belt drive shields. All models include a 5-piece dust enclosure system partially covering the top, two sides and the front of the frame. Standard HAZARD CONTROL EQUIPMENT includes 2" x 2" protective grates welded into cutter head inlet and discharge openings, a Protective Interlocking Limit Switch (PLS) installed to interlock with cutter head cover, V-Belt drive shields, a Padlockable Protective Interlocking Electrical Control Circuit Switch (PCS) mounted on machine, and an Operator's Manual Case (OMC) mounted on machine.

Corn Cutter & Grader Standard Pricing

Model	Style	Number of screens	Frame	HP	Aspirator	Sack holders	Price with motor and drive ¹	Grader only ²
222	A	2	Low	7-1/2	No	No	\$10,415.00	\$6,980.00
222	B	2	Low	7-1/2	Yes	No	\$12,300.00	\$8,865.00
222	C	2	High	7-1/2	No	Yes	\$12,115.00	\$8,680.00
222	D	2	High	7-1/2	Yes	Yes	\$14,000.00	\$10,565.00
333	A	3	Low	7-1/2	No	No	\$10,930.00	\$7,495.00
333	B	3	Low	7-1/2	Yes	No	\$12,965.00	\$9,530.00
333	C	3	High	7-1/2	No	Yes	\$12,830.00	\$9,395.00
333	D	3	High	7-1/2	Yes	Yes	\$14,865.00	\$11,430.00

Corn Cutter & Grader Optional Equipment Add listed amount to selected price above.

Item	Description	Amount
A	Magnetic Separator, installed in cutter inlet hopper	\$980.00
B	Round pipe discharge in place of standard spout discharge, add for each	\$198.00
C	Extra blower pipe, per foot	\$12.45
D	Built-in dust hood for Style A and C machines	\$780.00
E	Built-in bypass valve in cutter head. Permits whole grain to bypass the cutting chamger	\$1,075.00

¹ Deduct \$250.00 from listed price for no motor

² Deduct \$120.00 from listed price for no motor on grader only machines

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	and go directly to the shoe for cleaning. Includes inspection panel with PLS	
F	Independent 2 HP motor and drive for shoe and fan	\$1,220.00
G	Cutter only (no shoe) with 7-1/2 HP motor, motor mount, v-belt drive and drive shield (add \$310.00 for 10 HP motor)	\$7,060.00
H	Cutter only, no base, no drive	\$5,205.00
I	6" blower only, do drive	\$1,746.00
J	30" Cyclone dust collector only, complete with rain hood	\$1,890.00
K	Grader bypass accessory package: this option provides for bulk cut grain bypass of grader shoe. Includes independent 2 HP drive on grader, bypass valve built into cutter head, and removable spout to take ungraded cut product off back of grader.	\$3,480.00
L	Model 15 Cutter Head in place of standard MG cutter head	\$1,160.00

	Corn Cutter & Grader Suggested Spare Parts	
Part	Description	Amount
388	Pillow block bearing for main shoe shaft or main cutter head shaft	\$116.10
389	Flange ball bearing for shoe	\$218.00
344	Upper grader screen with frame, 24-5/8" x 59", #222 & #333 (8 mesh standard)	\$544.25
345	Middle grader screen with frame, 24-5/8" x 54-1/2" (This is the middle screen on the #333 and the lower screen on the #222)	\$544.25
346	Lower grader screen with frame, 24-5/8" x 50", #333 only (20 mesh is standard)	\$544.25
Screen only	Grader screen only for frame, no frame, T304 wire milling cloth Standard mesh selection: 4,6,8,10,12,14,18, & 20 (Special screens available at additional costs)	\$227.00
Frame	Grader screen wood frame only, no screen	\$348.00
1423	Hammer rods, set of 3 (1/2" Diameter)	\$238.00
1425	Cutter head hammers, set of 40 (14 Gauge x 1/2" hole)	\$492.00
1431	(Standard) Cutter head screen (For available sizes check Price List #1598-1)	\$192.00
1431	(Special) Cutter head screen (For available sizes check Price List #1598-1)	\$662.00

Notes

1. Operating speeds
 - Cutter head: 1,620 RPM
 - Shoe 830 to 1,060 RPM (adjustable with fan)
 - Fan: 1,395 to 1,780 RPM (adjustable with fan)
2. Approximate capacities for shelled corn
 - 5 HP: up to 4,000 pounds per hour
 - 7-1/2 HP: up to 7,000 pounds per hour

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- 10 HP: up to 9,000 pounds per hour
- 3. Grader Only machines have a 2 HP motor
- 4. Approximate shipping weights of Style D machines
 - Model 222: 1,800 pounds
 - Model 222, grader only: 1,300 pounds
 - Model 333: 2,000 pounds
 - Model 333, grader only: 1,450 pounds