

Vertical Mixer Notes

1. Kelly Duplex Vertical Feed / Seed Mixers are suitable for mixing most free flowing materials weighing between 20 and 60 pounds per cubic foot.
2. All dimension information, hp requirements, and sizing information are nominal.

Directions to arrive at a price for a Kelly Duplex Vertical Feed / Seed Mixer

1. Review Section 1: Standard Features
2. Select the base mixer from Section 2: Pricing of Standard Feed / Seed Mixer
3. Add the price of a motor (if desired) from Section 3: Mixer Motors
4. Add the price of accessory items (if desired) from Section 4: Accessory Equipment. Note: mixers are not supplied with discharges as standard equipment. A discharge must be selected from this section.
5. Add the price of the bagging scale modification (Section 5) and/or the screw feeder modification (section 6) (if desired). Note: the screw feeders are not supplied with motors, to add a motor to a screw feeder use the pricing in Section 3: Mixer Motors.
6. After you have arrived at a price, please contact us to answer any questions and place an order.

[Section 1: Standard Features](#)

The section details the features included in a standard vertical feed/seed mixer.

[Section 2: Pricing of standard Feed / Seed Mixers](#)

This section contains the sizing information for selecting a mixer and the base price. The price listed in this section includes a drive but does not include a motor or discharge. For motor pricing reference [Section 3](#), for discharge options and pricing reference [Section 4](#).

[Section 3: Mixer Motors](#)

The base price of the vertical mixer includes a motor mount for the selected motor, a motor mounted drive sheave, a mixer mounted driven sheave, and a set of V-belts. The totally enclosed drive shield is also included in the base price of the mixer. Motors are priced in this section (Section 3). Mixer drives are listed for reference only. Listed motors are 3 phase, 60 Hertz, 230/460 VAC, TEFC, standard NEMA foot mounted motors suitable for most mixer drives. To arrive at the price of a mixer with drive and motor simply add the price of the motor from this section to the price of the mixer from [Section 2](#).

[Section 4: Accessory Equipment](#)

Add the price of the accessory item from this section (Section 4) to the base price of the mixer from [Section 2](#). (Note: these prices are available only with the purchase of a new vertical mixer.) If you select a spray ring, please consult with the factory concerning mixer drive size. It is generally advisable to use the next size larger motor and drive than the standard motor and drive.

[Section 5: Bagging Scale Modification for Vertical Mixer](#)

The vertical mixer can be modified to accept a mixer mounted bagging scale. The mixer downtube is extended 32" to accommodate a GB-32 bagging scale. Modification includes a special scale discharge spout. Price includes a longer and strengthened mixer spiral and downtube. Price does not include the bagging scale. (See JEM International, Inc.: 800-255-6384, for direct purchase of bagging scale and desired accessories.) Add the price of the bagging scale modification from this section (Section 5) to the base price of the mixer from [Section 2](#).

#### [Section 6: Screw Feeder for Loading Vertical Mixer](#)

Use this section for optional factory installed above-the-floor screw feeder, including screw trough, shroud, stepped pitch flighting, trough cover, nominal 24" x 48" inlet hopper with 2" x 2" protective grate, and screw feeder drive with no motor. The bottom of the screw feeder enters the mixer downtube 6" above the mixer floorplate. The screw feeder is offered either in place of the standard mixer inlet hopper, or in addition to the standard mixer inlet hopper. To arrive at the price of a mixer with listed screw feeder, simply add the price of the selected screw feeder item in this section (Section 6) to the base price of the mixer from [Section 2](#). To include a motor with the screw feeder drive reference motor prices in [Section 3](#).

#### Section 1: Standard Features:

<b>Section 1: Vertical Feed / Seed Mixer Standard Features</b>	
<b>Item</b>	<b>Description</b>
Materials of construction	Carbon steel
Interior finish	Standard carbon steel finish
Exterior finish	Standard carbon steel finish
Exterior body seam welds	Continuously welded
Paint, interior	None
Paint, exterior	(1) coat red oxide primer, (1) coat machinery enamel
Top cover	Included
Cone	60 degree
Cone inspection panel	Cast aluminum hinged inspection panel with Protective Interlocking Limit Switch (PLS) installed (in #1 mixers and larger)
Sight panels	(1) in mixer body
Spiral	Full pitch, (2) agitator arms installed. balanced, straightened, spiral bolt collars at discharge end
Inlet hopper	Hopper with protective grate, above the floor or floor level feed
Downtube	Nominal 35" from bottom of cone to floor level
Downtube inspection panel	Hinged inspection panel at bottom of downtube with time delay protective interlocking limit switch
Discharge	None (Select discharge gate or bagger from optional equipment)

# Duplex Mill & Mfg. Co.

## Machinery Price List

Prices subject to change without notice.

# Vertical Feed / Seed Mixers

Price list number: DN1003-PL-MQW

Ref: 108912Q, Effective: 1/1/01

Comments: None

Section 1: Vertical Feed / Seed Mixer Standard Features	
Item	Description
Discharge height	Standard discharge height above the floor: 34"
Mixer lifting points	Included
Drive shield	Totally enclosed shield for V-belt drive, installed
Control switch	Padlockable protective interlocking electrical switch, PCS, installed
Decals	Hazard warning and instruction decals installed
Manual	Instruction, installation and maintenance manual
Manual case	Operator's Manual Case (OMC) installed
F.O.B.	Springfield, Ohio U.S.A.

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## Section 2: Pricing of standard Feed / Seed Mixers

Section 2: Vertical Feed / Seed Mixer Base Price								
Mixer model	Batch capacity at 38 pcf.	Working capacity in cf	Designation	Spiral dia. (inches)	Body dia. (inches)	Height floor to top of mixer	Est. HP	Price
500	400	11	028-015-60-6	6	28	7'-6"	1	\$3,758.00
800	750	20	036-025-60-6	6	36	8'-0"	1	\$4,468.00
800 X	750	20	036-025-60-9	9	36	7'-10"	3	\$5,018.00
1	1,200	32	045-040-60-9	9	45	8'-6"	5	\$6,656.00
2	2,500	66	055-080-60-12	12	55	10'-0"	7-1/2	\$7,546.00
3	4,400	116	055-130-60-12	12	55	13'-0"	10	\$8,706.00
4	6,200	165	072-200-60-12	12	72	13'-0"	10	\$10,856.00
4SD	5,800	155	055-170-60-12	12	55	15'-0"	15	\$12,232.00
6	8,300	220	072-255-60-12	12	72	15'-0"	15	\$12,942.00
8	10,000	270	072-305-60-12	12	72	16'-9"	25	\$15,140.00
20	2,500	66	055-080-60-14	14	55	9'-11"	7-1/2	\$7,731.00
30	4,400	116	055-130-60-14	14	55	12'-11"	10	\$11,131.00
40	6,200	165	072-200-60-14	14	72	12'-11"	15	\$11,762.00
40SD	5,800	155	055-170-60-14	14	55	15'-0"	20	\$13,590.00
47	5,700	150	084-200-60-14	14	84	11'-4"	15	\$14,207.00
60	8,300	220	072-255-60-14	14	72	14'-11"	20	\$14,650.00

Duplex Mill & Mfg. Co.  
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Springfield, OH 45501 USA

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## Machinery Price List

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## Vertical Feed / Seed Mixers

Price list number: DN1003-PL-MQW

Ref: 108912Q, Effective: 1/1/01

Comments: None

Section 2: Vertical Feed / Seed Mixer Base Price								
Mixer model	Batch capacity at 38 pcf.	Working capacity in cf	Designation	Spiral dia. (inches)	Body dia. (inches)	Height floor to top of mixer	Est. HP	Price
67	8,000	210	084-260-60-14	14	84	12'-11"	20	\$17,405.00
80	10,000	270	072-305-60-14	14	72	16'-8"	30	\$19,120.00
87	9,900	260	084-310-60-14	14	84	14'-3"	30	\$21,075.00
107	12,000	325	084-375-60-14	14	84	15'-11"	40	\$24,725.00

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### Section 3: Mixer Motors

Section 3: Mixer Motors		
Motor / Drive HP	Drive price, no motor (reference only)	Motor Price, no drive
1	\$598.00	\$252.00
2	\$644.00	\$290.00
3	\$718.00	\$299.00
5	\$796.00	\$344.00
7-1/2	\$876.00	\$494.00
10	\$956.00	\$614.00
15	\$1,072.00	\$814.00
20	\$1,240.00	\$990.00
25	\$1,610.00	\$1,285.00
30	\$2,045.00	\$1,538.00
40	\$2,915.00	\$1,940.00
50	\$3,615.00	\$2,487.00

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### Section 4: Accessory Equipment

Section 4: Accessory Equipment		
Item	Description	Price
A	Model DT Bagger (standard bagger), installed in mixer cone	\$690.00
B	Discharge spout: 8" square spout with hand slide gate and cam lock handle	\$520.00

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<b>Section 4: Accessory Equipment</b>		
<b>Item</b>	<b>Description</b>	<b>Price</b>
C	Discharge gate: 8" square rack and pinion gate with handwheel, installed	\$1,055.00
D	Discharge gate: 10" square rack and pinion gate with handwheel, installed	\$1,270.00
E	Lexan bubble sight panel with frame installed in mixer body (this is addition to the panel included with the standard equipment)	\$127.00
F	Inlet hopper for 9" spiral: 16" wide, requires 38" downtube for hopper above the floor. Includes protective grate (this is addition to the hopper included with the standard equipment)	\$995.00
G	Inlet hopper for 12" spiral: 24" wide, required 39" downtube for hopper above the floor. Includes protective grate (this is addition to the hopper included with the standard equipment)	\$1,150.00
H	Inlet hopper for 14" spiral: 30" wide, requires 44" downtube for hopper above the floor. Includes protective grate (this is addition to the hopper included with the standard equipment)	\$1,590.00
I	Spray ring for liquid molasses with mounting brackets, mounted inside mixer at the top of the inside tube, and piped	\$790.00
J	Spray ring for liquid fat spray with mounting brackets, mounted inside mixer at the top of the inside tube, and piped, same as molasses ring except T304SS construction.	\$1,555.00

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#### Section 5: Bagging Scale Modification for Vertical Mixer

<b>Section 5: Bagging Scale Modification for Vertical Mixer</b>	
<b>Mixer Diameter</b>	<b>Add for mixer modification to accept a bagging scale (no scale)</b>
36"	\$2,935.00
45"	\$3,080.00
55"	\$3,510.00
72"	\$4,295.00
84"	\$4,780.00

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#### Section 6: Screw Feeder for Loading Vertical Mixer

<b>Section 6: Screw Feeder for Loading Vertical Mixer</b>
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**Machinery Price List**

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**Vertical Feed / Seed Mixers**

Price list number: DN1003-PL-MQW

Ref: 108912Q, Effective: 1/1/01

Comments: None

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Mixer spiral size	Screw feeder spiral size	Nominal length of screw feeder	Drive HP for screw feeder	Price of screw feeder in place of standard mixer inlet hopper	Price of screw feeder in addition to standard mixer inlet hopper
9"	6"	6'	1-1/2	\$2,645.00	\$3,550.00
12"	9"	7'	2	\$2,870.00	\$3,860.00
14"	9"	8'	2	\$2,970.00	\$3,960.00

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