

Moline Flour Brush



Designed to efficiently remove flour dust from the dough sheet.

Moline manufactures several varieties of flour brushes to suit a wide number of production environments. These machines are designed to remove excess flour from the top of the dough sheet using a set of rotating brushes. The excess flour is removed either by auger (as in style shown below) or by vacuum for reuse.

Controls are either mechanical (with a control box and manual switch) or electronic (through the production system's operator interface). Electrical specifications vary depending on customer requirements. Stainless steel construction provides easy sanitation and maximum reliability.



- *Easy to operate and maintain.*
- *Small format with minimal table space required.*
- *Pneumatic lift options.*
- *Efficient flour removal systems.*

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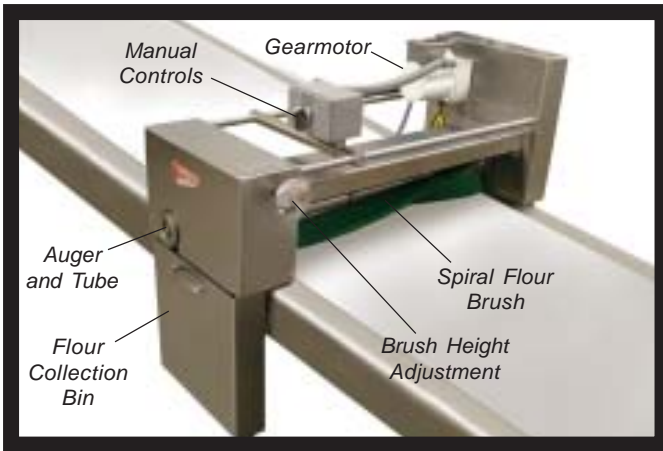
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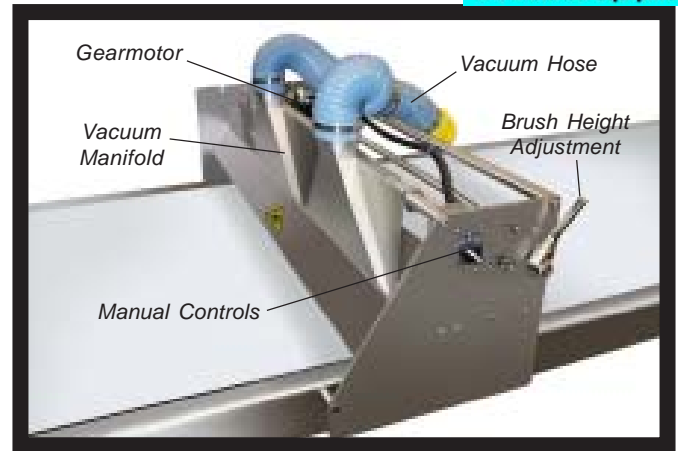
Flour Brush (with auger)

This unit includes:

- Spiral or straight brushes.
- Auger and tube for residual flour removal.
- Removable flour collection bin with handle.
- Gearmotor driven chain/belt drives.
- Mechanical brush height adjustment knob.
- Optional pneumatic lift mechanism.
- Safety interlocked brush guard.
- Manually controlled or integrated with production system's operator interface.

This unit is designed to remove excess flour by brushing it from the surface of the dough sheet, collecting and transferring it via auger to a flour collection bin for reuse. A gearmotor activates the brushes with chains and the auger with a drive belt. The flour brush height can be adjusted with the height adjustment knob to accommodate various dough sheet thicknesses. The lift mechanism is activated by a series of gears, sprockets and chains. Also available is the pneumatic lift option to raise the machine up off the conveyor when not in use (includes pneumatics, cylinders and linkage).

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| Pneumatic Requirements | Optional Pneumatic Lift: 5 cfm @ 100 psi |
| Electrical Requirements | 115/230 Volt, 60 Hertz, 1 Phase 230/460 Volt, 60 Hertz, 3 Phase |
| Standard Available Flour Brush Sizes | |
| Model | 24" 32" 36" 39" 42" 48" |
| Belt Width | 24" 610mm 32" 813mm 36" 914mm 39" 991mm 42" 1067mm 48" 1219mm |
| Conveyor Width | 28" 711mm 36" 914mm 40" 1016mm 43" 1092mm 46" 1168mm 52" 1321mm |
| Overall Width | 33.51" 851mm 41.51" 1054mm 45.51" 1156mm 48.51" 1232mm 51.51" 1308mm 57.51" 1461mm |
| Table Width | 14.5" (368 mm) Required Table Space |



Flour Brush (with vacuum)

This unit includes:

- Spiral or straight brushes.
- Vacuum system to remove flour.
- Gearmotor driven brush belt drive.
- Mechanical brush height adjustment handle.
- Pneumatic lift for dough sheet entry.
- Safety interlocked brush guard.
- Manually controlled or integrated with production system's operator interface.

This unit is designed to remove excess flour via a vacuum manifold and hoses. As excess flour is brushed from the product surface, the airborne flour dust is vacuumed away to a dust collection system. The dust collection system may be either customer-supplied or supplied by Moline. The flour brush can be raised and lowered with the height adjustment handle to accommodate various dough sheet thicknesses. A gearmotor activates the brush with a drive belt. The unit is raised via air cylinders during operation to prevent the brush from pulling the dough sheet up off of the conveyor into the brush.

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| Pneumatic Requirements | 10 cfm @ 100 psi |
| Electrical Requirements | Flour Brush Standard: 115V, 60 Hz, 1 Ph Flour Brush Optional: 230 V, 60 Hz, 3 Ph Dust Collector (3, 5 hp): 230/460 V, 60 Hz, 3 Ph |
| Common Available Sizes and Dimensions | |
| Model | 24" 32" 36" 39" 42" 48" |
| Belt Width | 24" 610mm 32" 813mm 36" 914mm 39" 991mm 42" 1067mm 48" 1219mm |
| Conveyor Width | 28" 711mm 36" 914mm 40" 1016mm 43" 1092mm 46" 1168mm 52" 1321mm |
| Overall Width | 33.51" 851mm 41.51" 1054mm 45.51" 1156mm 48.51" 1232mm 51.51" 1308mm 57.51" 1461mm |
| Table Width | 19" (483 mm) Required Table Space |