

Reliable. Accurate. Efficient.

Size Right™ | Sizer



**Machine pictured included configurable options*

Oliver™
Innovate. Build. Repeat.

Size Right™ features:

Operating control

- ▶ VFD controls for cylinder speed
- ▶ Manually adjusted feed gate for product flow
- ▶ All moving parts protected behind doors
- ▶ Start/stop button that controls the cylinder quick change position

Ease of use

- ▶ Quick cylinder change out
- ▶ Easy door locking system for safety during operation
- ▶ Real-time digital speed control and RPM readout
- ▶ Controls for cylinder speed and product feed rate are adjustable while machine is in operation

Reliability

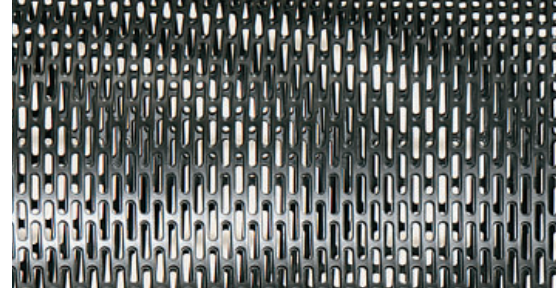
- ▶ Nearly a century of experience in manufacturing conditioning equipment
- ▶ Maintenance-free notched and timed Kevlar belt offers superior wear life compared to chain or V-belts
- ▶ Low maintenance for reduced downtime
- ▶ All drive shafts are stainless steel for longer wear life

Performance

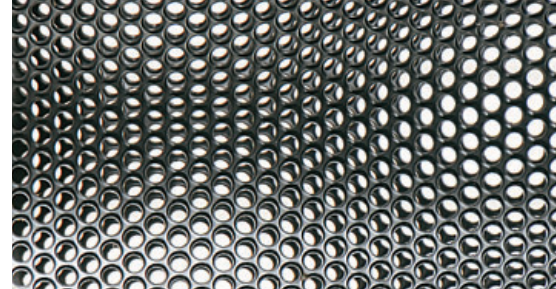
- ▶ Wiper blades installed in all machines to help keep the cylinder clean during operation
- ▶ Reduced machine setup and cleanout time
- ▶ Felt inlet rings prevent leakage when product is entering the cylinder
- ▶ Multiple orifice sizes available to tailor your product size range

Configurations

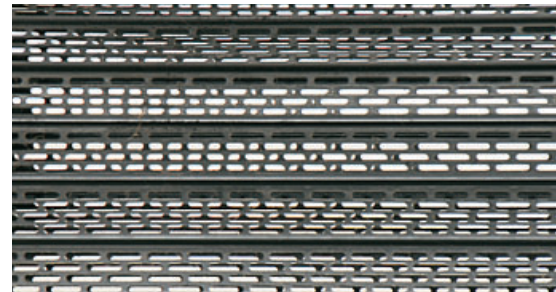
- ▶ Options include: vibratory conveyor, manual or pneumatic roller cleanout system, stainless steel contact points, stackable modular design options for multiple size grading, and custom door options.



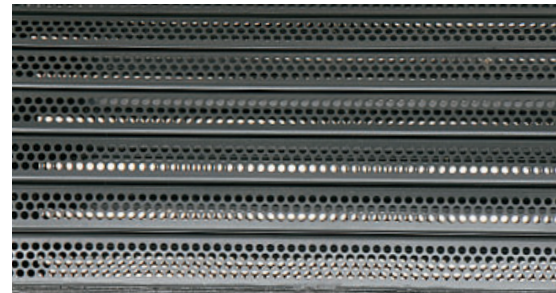
Slotted conical cylinder



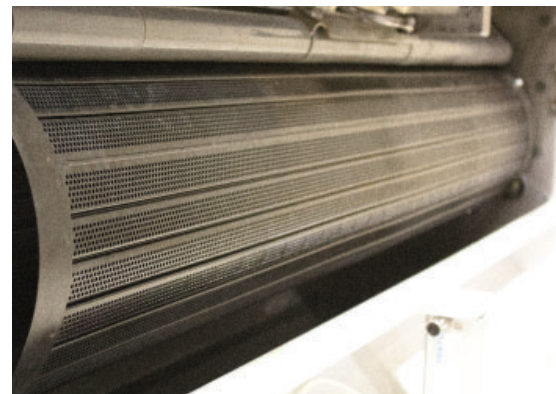
Round conical cylinder



Slotted ribbed cylinder



Round ribbed cylinder



Roller cleanout system

Specifications

| Machine model ▶ | Sizer #1 | Sizer #2 | Sizer #4 | Sizer #6 |
|---------------------|------------------|--------------------|--------------------|----------------------|
| Height | 42" (107 cm) | 50" (127 cm) | 77" (196 cm) | 108" (274 cm) |
| Width | 19" (48 cm) | 36" (91 cm) | 40" (102 cm) | 40" (102 cm) |
| Length | 96" (244 cm) | 91" (231 cm) | 91" (231 cm) | 91" (231 cm) |
| Weight | 450 lbs (240 kg) | 800 lbs (363 kg) | 1,250 lbs (567 kg) | 2,150 lbs (975 kg) |
| With conveyor | | | | |
| Height | 47" (107 cm) | 62" (127 cm) | 88" (196 cm) | 120" (274 cm) |
| Weight | 610 lbs (277 kg) | 1,440 lbs (653 kg) | 1,975 lbs (896 kg) | 2,755 lbs (1,250 kg) |
| Amp draw @480/3/60 | 5.3 amps | 5.3 amps | 5.3 amps | 5.3 amps |
| Amp draw @240/3/60 | 10.6 amps | 10.6 amps | 10.6 amps | 10.6 amps |
| Number of cylinders | 1 | 2 | 4 | 6 |
| Warranty | 1 year | 1 year | 1 year | 1 year |

Capacity

| Machine model ▶ | | Sizer #1 (lbs/hr) | | | Sizer #2 (lbs/hr) | | | Sizer #4 (lbs/hr) | | | Sizer #6 (lbs/hr) | | |
|-------------------------|----------------------|-------------------------|-------|-------|-------------------------|-------|--------|-------------------------|--------|--------|-------------------------|--------|--------|
| | Bulk density (lb/bu) | Percentage of throughs* | | | Percentage of throughs* | | | Percentage of throughs* | | | Percentage of throughs* | | |
| Product | | 5% | 50% | 95% | 5% | 50% | 95% | 5% | 50% | 95% | 5% | 50% | 95% |
| Corn (flat) | 58 | 1,450 | 2,300 | 3,450 | 2,900 | 4,600 | 6,900 | 5,800 | 9,200 | 13,800 | 8,700 | 13,800 | 20,700 |
| Corn (round) | 56 | 2,600 | 4,300 | 5,200 | 5,200 | 8,600 | 10,400 | 10,400 | 17,200 | 20,800 | 15,600 | 25,800 | 31,200 |
| Garbanzo (round) | 63 | — | 2,500 | — | — | 5,000 | — | — | 10,000 | — | — | 15,000 | — |
| Garbanzo (slot) | 63 | — | 3,500 | — | — | 7,000 | — | — | 14,000 | — | — | 21,000 | — |
| Hemp (round) | 44 | — | 1,600 | — | — | 3,200 | — | — | 6,400 | — | — | 9,600 | — |
| Peanuts (shelled round) | 43 | 850 | 1,050 | 1,700 | 1,700 | 2,100 | 3,400 | 3,400 | 4,200 | 6,800 | 5,100 | 6,300 | 10,200 |
| Rice (round) | 45 | 450 | — | 900 | 900 | — | 1,800 | 1,800 | — | 3,600 | 2,700 | — | 5,400 |
| Rice (slot) | 45 | 1,250 | — | 2,200 | 2,500 | — | 4,440 | 5,000 | — | 8,800 | 7,500 | — | 13,200 |
| Sunflower (slot) | 32 | 480 | 640 | 1,500 | 960 | 1,280 | 3,000 | 1,920 | 2,560 | 6,000 | 2,800 | 3,840 | 9,000 |

Capacities are based on the following assumptions:

1. Machine feed rate
2. Light fraction to be removed is assumed to be 5% or less of total incoming products
3. Vary depending upon the bulk density of the product
4. These capacities are estimates only and products can be tested and confirmed at the Oliver laboratory

* Throughs are the smallest materials that pass through the cylinder whole. Overs are defined as the product that flows over the cylinder whole and discharges at the end of the cylinder.

For more product capacities, please contact us.

What else can your Oliver do? Find out at olivermanufacturing.com.



Oliver™

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