

Oliver SIZE RIGHT[®]

- Proven design and performance
- Easy to use
- Superior engineering
- Increased efficiency
- Optimized product quality

Oliver[™]
Separation Solution Specialists Since 1930



Safe to Operate • Less Downtime • More Accurate Separations



Why do you need the accuracy of a SIZE RIGHT® today?

For a more profitable tomorrow.

Oliver SIZE RIGHT® is a precision cylinder Sizer designed for efficiency and safety. Applications include seed corn, popcorn, peanuts, sunflowers, cereal grains, edible beans, vegetable seed, grass seed, rice, soybeans and wood or plastic pellets and many more.

No more shutting down to check and adjust RPMs!

With OLIVER's real-time digital cylinder speed read-outs, you can check cylinder speed immediately, rather than having to manually time out those speeds. The benefits are that operators can see exactly what cylinder RPM they are running on every OLIVER Sizer in their conditioning line, and are able to quickly change those RPMs in order to maximize their separation efficiencies at every Sizer position.

OLIVER Sizers offer electronically adjustable cylinder RPM's. Since different kernel shapes separate more efficiently at different RPMs, the advantage for Seedsmen is that they are able to adjust their cylinder RPMs on-the-fly without halting production.

Closer cylinder tolerances!

OLIVER cylinders have closer tolerances than competitive cylinders. OLIVER has made a major investment in cylinder tooling, which provides hole tolerances that eliminate oversize kernels in the "thrus" fractions and improve sizing accuracies.

LOCKING PIN



AUTOMATIC CLEANING SYSTEM



MANUAL CLEANING SYSTEM



Fast and easy

- Cylinder quick-change assembly-positioning and special safety key allow cylinder changes in less than two minutes
- Simple and quick one-piece lift-off doors with heavy-duty latches saves you time and allow easy access
- Built-in cylinder inclination gives you faster clean-out capabilities
- Full-length door allows total access to vibratory conveyor for easy cleaning and sampling

Engineered for Maximum Safety

Perforated metal cylinder inspection guards ensure operator safety.

Durable

- Timing belt drive with single gear motor and soft-start frequency inverter for less stress on components
- Heavy-duty, long-lasting components throughout every SIZE RIGHT® machine

Can I get some of those Oliver cylinder cleaning rollers or other upgrades?

- Continuously updated and engineered with new technology, all Oliver equipment can be upgraded and adjusted to fit your needs.
- The Oliver Patented cylinder cleaning system is available, either manual or pneumatic with a programmable timer. This is a remarkable safety option. It is universal and can work on other precision sizing equipment.
- Oliver's unique Vibrating Conveyors can be ordered to discharge "thrus" at either sizer Feed or Drive end.

Versatile

- The SIZE RIGHT® can be used to size a wide variety of products including seed corn, popcorn, peanuts, sunflowers, cereals grains, edible beans, vegetable seed, grass seed, rice, soybeans and wood or plastic pellets
- Air inlet gate balances exhaust air for improved dust control
- Unique wiper blade offset allows faster cylinder change
- Modular design for stacking capabilities
- Seed hopper dividing valves allow you to adjust flow rates by closing off cylinders
- Accu-Flo Feeder available for all SIZE RIGHT® machines

Available Models:

SR #1
SR #2
SR #4
SR #6



Tested and Guaranteed. *Variable frequency cylinder drives allow for more efficient sizing. Slotted cylinders with +0/-0.003 guaranteed tolerances.

Call your Oliver representative to find the model that best fits your needs



Oliver

SIZE RIGHT

Turn-key operation.

Our competitors require you to sift through a combination of tools with their sizers. But Oliver makes it simple with the SIZE RIGHT® Key. It's the only tool you'll need.



LOCKING KEY



VS.



COMPETITOR'S TOOLS

| CAPACITIES | 5% Thrus | | 50% Thrus | | 95% Thrus | |
|------------------|----------|-------|-----------|-------|-----------|-------|
| | BU/HR | MT/HR | BU/HR | MT/HR | BU/HR | MT/HR |
| Corn Round | 45 | 1.14 | 75 | 1.90 | 90 | 2.28 |
| Corn Slot | 25 | 0.63 | 40 | 1.02 | 60 | 1.52 |
| Peanuts Round | 20 | 0.23 | 25 | 0.29 | 40 | 0.46 |
| Peanuts Slot | 25 | 0.30 | 50 | 0.59 | 75 | 0.85 |
| Sunflower Round | 10 | 0.14 | 15 | 0.22 | 20 | 0.29 |
| Sunflower Slot | 15 | 0.22 | 20 | 0.29 | 50 | 0.73 |
| Paddy Rice Round | 10 | 0.20 | N/A | | 20 | 0.41 |
| Paddy Rice Slot | 30 | 0.60 | N/A | | 50 | 1.0 |
| Wheat Round | 20 | 0.55 | N/A | | 60 | 1.65 |
| Wheat Slot | 40 | 1.10 | N/A | | 80 | 2.20 |

Our Experts and Engineers Will:

- Advise you on selecting the proper equipment
- Design custom equipment
- Provide hands-on training and education

TECHNICAL DATA

SIZE RIGHT® Units:
 SR #1 - 1 Cylinder
 SR #2 - 2 Cylinders
 SR #4 - 4 Cylinders
 SR #6 - 6 Cylinders

Seed Hopper Divider Valves
 Individual Cylinder Feed Spouts
 May be closed or all open

Cylinder Viewing Area

Let Down Ladders
 in Feed Spouts

Air Inlet Gate

Sizing Cylinders
 Interchangeable
 with our machines

Built-in Cylinder inclination
 for faster clean-out

Full Length
 Clean-out or
 Inspection Port

Available with single or
 double offset Vibrating Conveyor
 to direct seed flow to either end

All Sizers are built as modules
 for ease in stacking for added capacities

Wiper Blades
 Inset for ease in
 changing Cylinders

Air Exhaust
 Transition

Variable Speed Control

Square Center
 Drive Spider

Positive Drive with
 single gear motor
 transmission belt
 with soft start

One Piece Lift-Off
 side doors and
 Drive Guard

Quick Change
 Cylinder Mechanism

"Overs" Discharge
 Transition Sq. to 4" Rd.

Cylinder cleaning system,
 manual or air
 operated (Optional)

Off-set Vibrating Conveyor Discharge for "through"
 Does not conflict with the "overs" discharge

APPROXIMATE MACHINE DIMENSIONS

| MODEL NO. | OVERALL DIMENSIONS (LxWxD) | NET WEIGHT (LBS) | SHIPPING DIMENSIONS | SHIPPING WEIGHT (LBS) |
|-----------|----------------------------|------------------|---------------------|-----------------------|
| SR #1 | 96"x19"x33" | 450 | 104"x30"x59" | 775 |
| SR #2 | 95"x40"x49" | 800 | 107"x46"x66" | 1280 |
| SR #4 | 95"x40"x76" | 1250 | 104"x46"x93" | 1815 |
| SR #6 | 95"x40"x106" | 2150 | 104"x91"x82" | 2595 |

CYLINDER SHELLS



Conical Rd. Hole



Slotted



Round Ribbed

Capacity for Round Hole Cylinders for Seed Corn *

| THRUS | OVERS | #1 SIZE RIGHT | | #2 SIZE RIGHT | | #4 SIZE RIGHT | | #6 SIZE RIGHT | |
|-------|-------|---------------|------|---------------|------|---------------|------|---------------|-------|
| | | BU | MT | BU | MT | BU | MT | BU | MT |
| | | Per Hour | | Per Hour | | Per Hour | | Per Hour | |
| 95 | 5 | 90 | 2.28 | 180 | 4.57 | 360 | 9.14 | 540 | 13.71 |
| 90 | 10 | 88 | 2.23 | 176 | 4.46 | 355 | 9.01 | 520 | 13.20 |
| 85 | 15 | 87 | 2.20 | 175 | 4.44 | 350 | 8.88 | 525 | 13.33 |
| 80 | 20 | 85 | 2.15 | 170 | 4.31 | 340 | 8.63 | 510 | 12.95 |
| 75 | 25 | 84 | 2.13 | 168 | 4.26 | 335 | 8.50 | 505 | 12.82 |
| 70 | 30 | 82 | 2.08 | 165 | 4.19 | 330 | 8.38 | 495 | 12.57 |
| 65 | 35 | 81 | 2.05 | 162 | 4.11 | 325 | 8.25 | 485 | 12.30 |
| 60 | 40 | 80 | 2.03 | 160 | 4.06 | 320 | 8.12 | 480 | 12.19 |
| 55 | 45 | 77 | 1.95 | 155 | 3.93 | 310 | 7.87 | 465 | 11.80 |
| 50 | 50 | 75 | 1.90 | 150 | 3.80 | 300 | 7.61 | 450 | 11.42 |
| 48 | 52 | 74 | 1.87 | 148 | 3.75 | 295 | 7.49 | 445 | 11.30 |
| 45 | 55 | 72 | 1.82 | 145 | 3.68 | 290 | 7.36 | 435 | 11.04 |
| 40 | 60 | 70 | 1.77 | 140 | 3.55 | 280 | 7.11 | 420 | 10.66 |
| 35 | 65 | 67 | 1.70 | 135 | 3.42 | 270 | 6.85 | 405 | 10.28 |
| 33 | 67 | 63 | 1.60 | 125 | 3.17 | 250 | 6.34 | 375 | 9.52 |
| 30 | 70 | 60 | 1.52 | 120 | 3.04 | 240 | 6.09 | 360 | 9.14 |
| 25 | 75 | 57 | 1.44 | 115 | 2.92 | 230 | 5.84 | 345 | 8.76 |
| 20 | 80 | 55 | 1.39 | 110 | 2.79 | 220 | 5.58 | 330 | 8.38 |
| 15 | 85 | 52 | 1.32 | 105 | 2.66 | 210 | 5.33 | 315 | 8.00 |
| 10 | 90 | 50 | 1.26 | 100 | 2.53 | 200 | 5.07 | 300 | 7.61 |
| 5 | 95 | 45 | 1.14 | 90 | 2.28 | 180 | 4.57 | 270 | 6.85 |

Capacity for Slotted Hole Cylinders for Seed Corn *

| THRUS | OVERS | #1 SIZE RIGHT | | #2 SIZE RIGHT | | #4 SIZE RIGHT | | #6 SIZE RIGHT | |
|-------|-------|---------------|------|---------------|------|---------------|------|---------------|------|
| | | BU | MT | BU | MT | BU | MT | BU | MT |
| | | Per Hour | | Per Hour | | Per Hour | | Per Hour | |
| 95 | 5 | 60 | 1.52 | 120 | 3.04 | 240 | 6.09 | 360 | 9.14 |
| 90 | 10 | 57 | 1.44 | 115 | 2.92 | 230 | 5.84 | 345 | 8.76 |
| 85 | 15 | 55 | 1.39 | 110 | 2.79 | 220 | 5.58 | 330 | 8.38 |
| 80 | 20 | 52 | 1.32 | 105 | 2.66 | 210 | 5.33 | 315 | 8.00 |
| 75 | 25 | 50 | 1.26 | 100 | 2.53 | 200 | 5.07 | 300 | 7.61 |
| 70 | 30 | 45 | 1.14 | 90 | 2.28 | 180 | 4.57 | 270 | 6.85 |
| 65 | 35 | 44 | 1.11 | 88 | 2.23 | 175 | 4.44 | 263 | 6.67 |
| 60 | 40 | 41 | 1.04 | 85 | 2.15 | 170 | 4.31 | 255 | 6.47 |
| 55 | 45 | 41 | 1.04 | 82 | 2.08 | 165 | 4.19 | 247 | 6.27 |
| 50 | 50 | 40 | 1.04 | 80 | 2.03 | 160 | 4.06 | 240 | 6.09 |
| 45 | 55 | 38 | 0.96 | 77 | 1.95 | 153 | 3.88 | 230 | 5.84 |
| 40 | 60 | 37 | 0.93 | 73 | 1.85 | 147 | 3.73 | 220 | 5.58 |
| 35 | 65 | 34 | 0.86 | 70 | 1.77 | 140 | 3.55 | 210 | 5.33 |
| 30 | 70 | 32 | 0.81 | 65 | 1.65 | 130 | 3.30 | 195 | 4.95 |
| 25 | 75 | 30 | 0.76 | 60 | 1.52 | 120 | 3.04 | 180 | 4.57 |
| 20 | 80 | 29 | 0.73 | 57 | 1.44 | 115 | 2.92 | 172 | 4.36 |
| 15 | 85 | 27 | 0.68 | 55 | 1.39 | 110 | 2.79 | 165 | 4.19 |
| 10 | 90 | 26 | 0.66 | 52 | 1.32 | 105 | 2.66 | 157 | 3.98 |
| 5 | 95 | 25 | 0.63 | 50 | 1.26 | 100 | 2.53 | 150 | 3.80 |

*Due to the wide variation in separation required and commodities, Oliver Manufacturing can not guarantee these specific capacities.