

OPEN SPIRAL SEPARATORS

The Spiral Separator is used for removing wheat, rye, barley, oats, flaxseed and other grains, screenings, seeds or non-round materials from mustard, wild peas, vetch cockle, soybeans or any round seed.

Operating by gravity, the separator contains a spiral that is fed from a large hopper at the top, with an adjustable feed plate. The seed leaving the hopper runs over a cone divider which spreads the seeds evenly to each of the five flights. Going down the flights the round seeds travel at a much faster speed than the non-round material. Their momentum increases until the round seeds run over the edge of the inner spirals, drop into the outer spiral, and discharge through a spout at the bottom of the machine. The non-round material remains on the small, inner flights and slides down to a separate spout at the bottom.

Since there are no moving parts, no power is required to operate the machine. When the feed has been properly set, the separator continues to operate automatically as long as there is seed in the hopper.

Laboratory Spiral Separator	No. SSL
Heavy Duty Single Spiral Separator	No. SSHDS
Heavy Duty Double Spiral Separator	No. SSHDD
Domestic Crating	No. SSL/DOM
Domestic Crating	No. SSHDS/DOM
Domestic Crating	No. SSHDD/DOM
Export Crating	No. SSL/EX
Export Crating	No. SSHDS/EX
Export Crating	No. SSHDD/EX



Model	Capacity (Lg. Seed)	Capacity (Sm. Seed)	Length	Width	Height	Net Weight	Ship Wt.
SSL	Lab Sample	Lab Sample	24"	24"	48"	40 lbs.	125 lbs.
SSHDS	10-25 bph	300-350 lb/hr	24 1/2"	24 1/2"	83"	90 lbs.	150 lbs.
SSHDD	25-50 bph	600-700 lb/hr	23 1/2"	42 3/8"	79"	135 lbs.	205 lbs.

ENCLOSED SPIRAL SEPARATOR

The Seedburo Enclosed Spiral Separators incorporate adjustable cores to allow the spirals to do an excellent job on seedlots over a wide quality range. Problems such as moldy soybeans, purple moonflower (morning glory), split or cracked soybeans and smoothed cockleburs may be removed from a seedlot. The Spiral Separator has an adjustable feature for reducing cleanout for flatter soybeans encountered in southern varieties. Feed rate is also adjustable during operation.

The Enclosed Spirals use no power in operation. Unlike conventional spirals, the entire machine does not need to be replaced when the core itself wears out. The cores simply unbolt and are easily replaced.

All models have one seed intake. Good seed comes off one spout and tailings from another. Extra bins and conveyors are not required as for conventional spirals. The spirals are lined with rubber to prevent damage to fragile seed.

Two-Core Enclosed Spiral Separator	No. SS2
Four-Core Enclosed Spiral Separator	No. SS4
Replacement Core	No. SSRC
Domestic Crating	No. SS2/DOM
Domestic Crating	No. SS4/DOM
Domestic Crating (Each Core)	No. SSRC/DOM
Export Crating	No. SS2/EX
Export Crating	No. SS4/EX
Export Crating (Each Core)	No. SSRC/EX



Model	Capacity (Lg. Seed)	Capacity (Sm. Seed)	Length	Width	Height	Net Weight	Ship Wt.
SS2	75-100 bph	1000-1200 lb/hr	24 1/4"	48 1/2"	91"	480 lbs.	580 lbs.
SS4	150-200 bph	2000-2400 lb/hr	48 1/4"	48 1/2"	91"	850 lbs.	970 lbs.