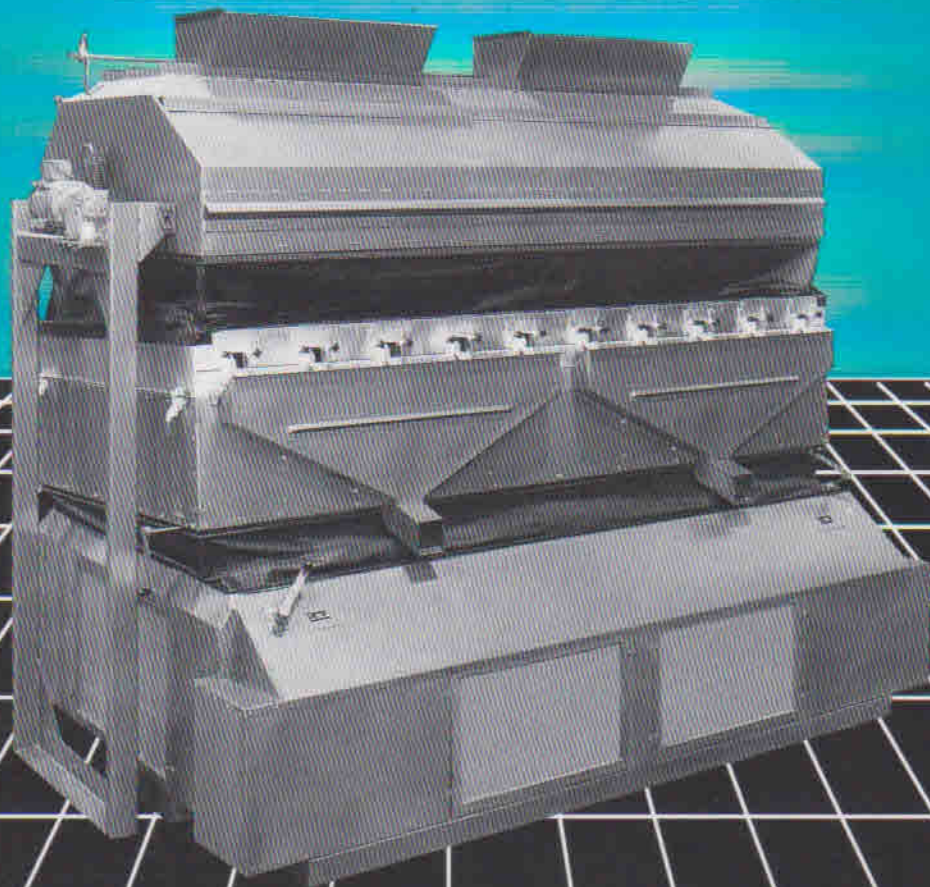


# "TODAY'S STANDARD"

Model S510 Stoner  
With Dust Hood



FEATURING

- Premium Quality Separations •
- Unequaled Capacities •
- Efficiency •

# THE STONER SERIES

Capacities are a function based on two variables, the difference in density between the contamination and the product, and the desired results. The capacities below are a sincere projection and are based on results achieved in the field. For more accurate projections, please provide a typical sample of the incoming product and guidelines for the quality you are wanting to achieve.

## CAPACITIES FOR CRIPPEN STONERS

MODEL NO.	LARGE 7/16"-5/16" (CORN, BEANS)	MEDIUM 1/4"-3/16" (CEREAL GRAINS)	SMALL 3/16"-1/16" (MILLET, SESAME)	FINES > 50 MESH (GRASS, CLOVER)
S42	90-130 BU/HR (3)	60-95 BU/HR (2.1)	35-60 BU/HR (1.2)	20-25 BU/HR (.6)
S43	120-175 BU/HR (4.1)	85-125 BU/HR (3)	50-80 BU/HR (1.8)	25-30 BU/HR (.65)
S53	175-250 BU/HR (5.5)	125-180 BU/HR (4.4)	70-105 BU/HR (2.5)	35-45 BU/HR (1)
S54	220-325 BU/HR (7.5)	160-230 BU/HR (5.4)	85-126 BU/HR (3)	40-60 BU/HR (1.4)
S56	330-500 BU/HR (11.2)	240-360 BU/HR (8.2)	130-195 BU/HR (4.6)	56-85 BU/HR (2)
S510	550-850 BU/HR (20)	390-610 BU/HR (15)	220-335 BU/HR (8.2)	100-145 BU/HR (3.5)
S515	850-1,250 BU/HR (27)	605-890 BU/HR (22)	340-490 BU/HR (12)	150-215 BU/HR (5)

(metric ton per hr.)

## GENERAL SPECIFICATIONS

DIMS	S42	S43	S53	S54	S56	S510	S515
L"W"H	56x39x60 (143x99x152)	56x48x60 (143x121x152)	63x54x76 (163x137x193)	65x65x85 (165x165x215)	69x83x94 (175x210x238)	120x83x94 (304x210x238)	211x83x94 (536x210x238)
WEIGHT	1100# (500)	1400# (640)	2500# (1140)	3050# (1386)	5600# (2545)	8000# (3636)	10,000# (4545)
MOTOR (DRIVE)	3 HP (2.25 KW)	5 HP (3.75 KW)	5 HP (3.75 KW) 1 HP (.75 KW)	5 HP (3.75 KW) 1 HP (.75 KW)	7.5 HP (5.7 KW) 1.5 HP (1.2 KW)	15 HP (11.25 KW) 2 HP (1.5 KW) 1 HP (.75 KW)	15 HP (11.25 KW) 2 HP (1.5 KW) 1 HP (.75 KW)
DECK DIMS	27x48 (69x122)	38x48 (97x122)	40x60 (101x152)	54x60 (137x152)	72x60 (182x152)	120x60 (304x152)	180x60 (457x152)

(centimeters & kilograms)

\*For the sake of technical advancement we reserve the right to make alterations without notice.

CRIPPEN offers a complete line of dust control accessories. Aspirating Feeders are recommended for minor dust problems and dust hoods are recommended for severe applications.

## CFM REQUIREMENTS FOR CRIPPEN STONERS

MODEL NO.	ASP. FEEDER (MAXIMUM)	LARGE 7/16"-5/16" (CORN, BEANS)	MEDIUM 1/4"-3/16" (CEREAL GRAINS)	SMALL 3/16"-1/16" (MILLET, SESAME)	FINES > 50 MESH (GRASS, CLOVER)
S42	1,200 CFM (2033)	2,400 CFM (4070)	1,700 CFM (2900)	1,200 CFM (2100)	700 CFM (1200)
S43	1,600 CFM (2700)	3,100 CFM (5250)	2,200 CFM (3730)	1,600 CFM (2700)	900 CFM (1525)
S53	2,000 CFM (3400)	4,600 CFM (7800)	3,200 CFM (5425)	2,300 CFM (3900)	1,300 CFM (2200)
S54	2,400 CFM (4070)	6,900 CFM (11700)	4,800 CFM (8130)	3,400 CFM (5765)	2,000 CFM (3400)
S56	3,300 CFM (5600)	9,900 CFM (16800)	6,200 CFM (10500)	5,000 CFM (8475)	2,800 CFM (4750)
S510	5,000 CFM (8475)	15,200 CFM (25800)	10,600 CFM (18000)	7,600 CFM (12900)	4,400 CFM (7500)
S515	7,200 CFM (12300)	22,800 CFM (38650)	16,000 CFM (27100)	11,400 CFM (19300)	6,600 CFM (11000)

All CFM requirements are based on 1" WG @ hood outlet. When calculating the required amount of CFM, distance, routing, altitude, back pressure from the collection system and any other inhibiting factors must be taken into consideration. Consult our factory for assistance. (m<sup>3</sup> per hr.)

## CRIPPEN STATE OF THE ART FEATURES

- **UNEQUALED CAPACITIES:**

The combination of CRIPPEN'S urethane coated overcovers, custom eccentric amplitude and refined air control system, is producing unequalled capacities per square foot of deck area.



*Self-purging stone traps, no manual bleeding required.*



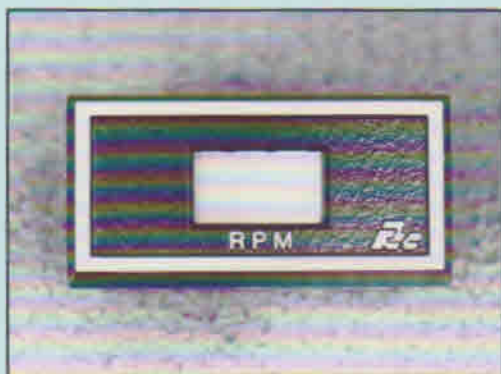
*75 square feet of separation area: Model S515.*

- **PREMIUM QUALITY SEPARATORS:**

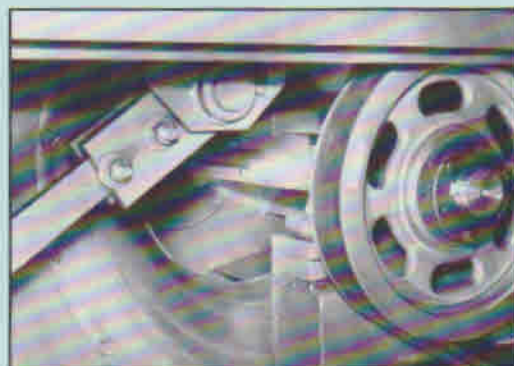
The combination of CRIPPEN'S riffle configuration, dynamic counter balancing, self-purging stone traps and more aggressive deck overcovers, allows operators to achieve a cleaner end product while virtually eliminating product loss.

- **EFFICIENCY:**

CRIPPEN'S backwardly inclined fan configuration and precisely regulated air system, create a more even air distribution, plus the maximum amount of CFM per HP requirement at a substantially lower noise level.



*Tachometers for eccentric and fan shaft speed are standard equipment.*



*Backwardly inclined fan: lower noise level, maximum CFM per HP.*

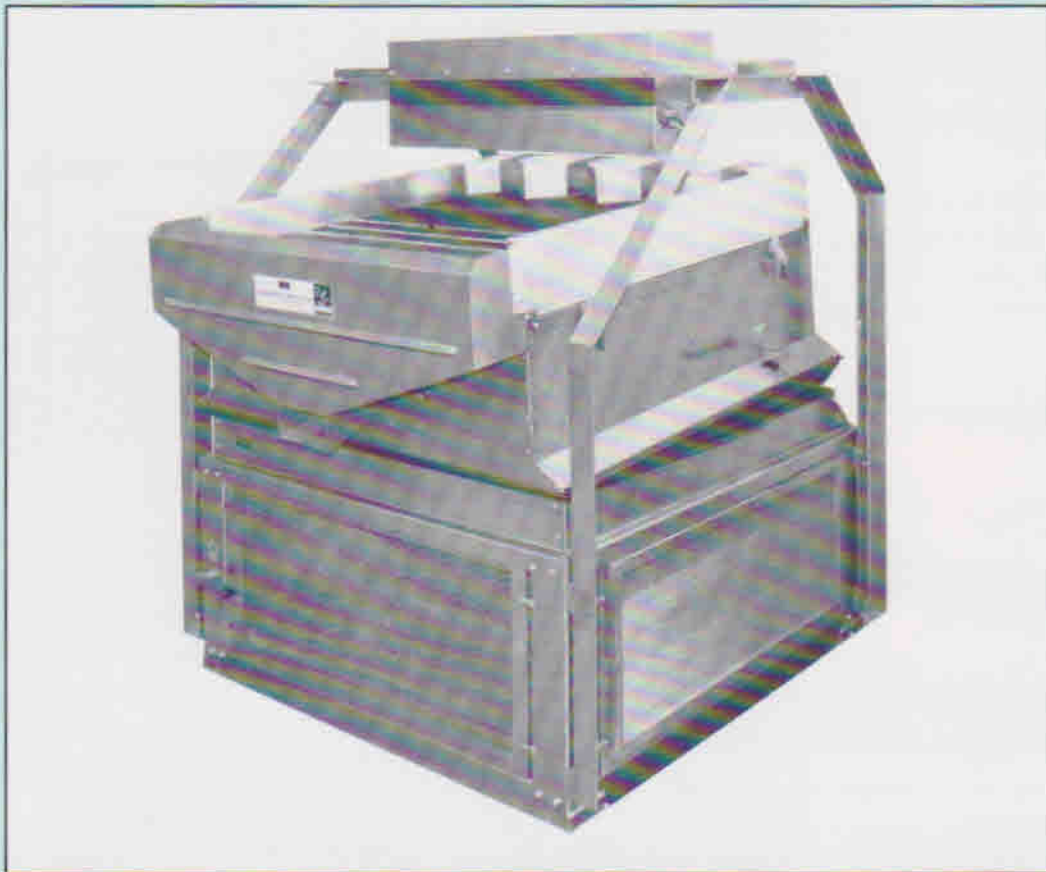
- **OPERATOR FRIENDLY:**

CRIPPEN'S unique perpendicular air streams can be more accurately regulated and directed, allowing the operator to achieve the optimum settings easily. Tachometers for eccentric speed and fan speed are **standard** equipment. They allow the operator to quickly and accurately adjust the unit and provide data for future reference.

**CONTACT US TO FIND OUT WHY MORE PEOPLE ARE MAKING MORE MONEY WITH CRIPPEN EQUIPMENT EVERYDAY!**

# CRIPPEN

## CRIPPEN STONER SERIES



### CRIPPEN MODEL S54 STONER

**CRIPPEN STONERS** are the finest Stoners available. When properly installed and operated, they will produce the world's most accurate density separations.

Stoners are capable of separating dry granular particles of uniform size which differ in specific gravity. They are applicable whenever you wish to remove heavy contamination from the desired product. A typical application is removing stones, mud balls, glass, tramp metal (both ferrous & non-ferrous) from edible beans.

Industrial applications have proven **CRIPPEN STONERS** capable of producing an excellent separation with a multitude of materials. Whenever your product consists of a dry granular, free flowing material, of uniform size and shape, our equipment can be employed to remove any particles which are more dense than the desired product. We are constantly finding new applications and look forward to working with your product(s).

*America's Best*