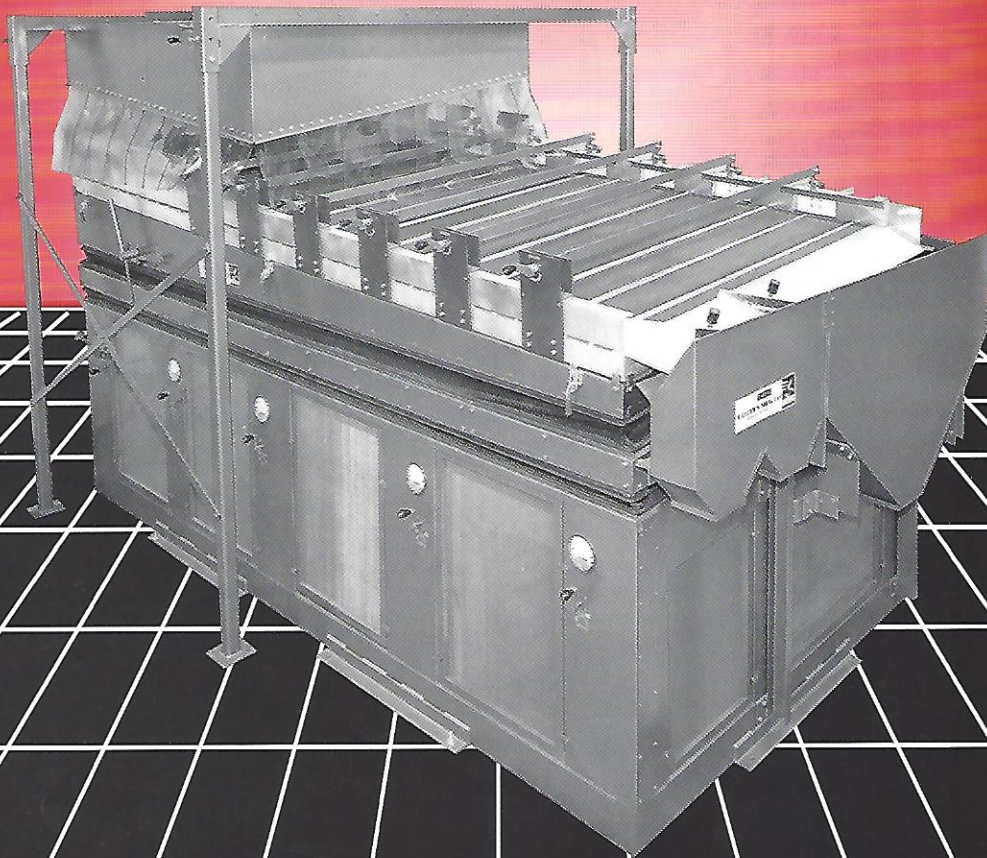


"TODAY'S STANDARD"

Model G6846 Gravity Separator
With 1/2 Hood



FEATURING

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

THE GRAVITY SERIES

Capacities are a function based on two variables, the quality of the incoming 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 GRAVITY SEPARATOR

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)
G3062	60-75 BU/HR (1.7)	45-70 BU/HR (1.4)	30-40 BU/HR (.8)	20-25 BU/HR (.6)
G4393	150-200 BU/HR (4.4)	135-185 BU/HR (4.2)	100-125 BU/HR (2.8)	50-75 BU/HR (1.7)
G5620	350-400 BU/HR (9.3)	275-385 BU/HR (8.8)	175-200 BU/HR (4.5)	120-160 BU/HR (3.6)
G6846	500-750 BU/HR (18.1)	400-600 BU/HR (13.7)	250-375 BU/HR (8.7)	165-200 BU/HR (4.5)

(metric ton per hr.)

GENERAL SPECIFICATIONS

DIMS	MODEL G3062	MODEL G4393	MODEL G5620	MODEL G6846
L"W"H"	73x51x67 (186x130x170)	109x67x71 (277x170x180)	138x67x85 (351x170x216)	160x88x93 (406x224x236)
WEIGHT	2500# (1140)	4140# (1881)	6500# (2954)	8300# (3775)
MOTOR (DRIVE)	5 HP (4 KW) 1 HP (.75 KW)	7.5 HP (5.5 KW) 1.5 HP (1.1 KW)	10 or 15 HP (7.5 or 12 KW) 2 HP (1.5 KW)	15 HP (11 KW) 3 HP (2.2 KW) 1 HP (.75 KW)
DECK DIMS	See factory 30x62 (76x157)	See factory 43x93 (109x236)	See factory 56x120 (142x305)	See factory 68x146 (172x371)

(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 control and they require 1,500 (2545 m³/hr) CFM @ 1" WG for any model. Aspirating feeders can be ordered with or without Fan/Drives. When more than an aspirating feeder is required, our units can be equipped with either a Full Hood or a 1/2 Hood. Air requirements for the 1/2 Hoods will be approximately 1/2 those listed below.

CFM REQUIREMENTS FOR CRIPPEN GRAVITY SEPARATORS

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)
G3062	8,500 CFM (14400)	6,000 CFM (10100)	4,000 CFM (6700)	2,300 CFM (3900)
G4393	11,300 CFM (19200)	7,900 CFM (13400)	5,700 CFM (9200)	3,300 CFM (5600)
G5620	19,100 CFM (32400)	13,500 CFM (23000)	9,500 CFM (16100)	5,600 CFM (9500)
G6846	25,400 CFM (43000)	17,100 CFM (29000)	12,600 CFM (21400)	7,200 CFM (12200)

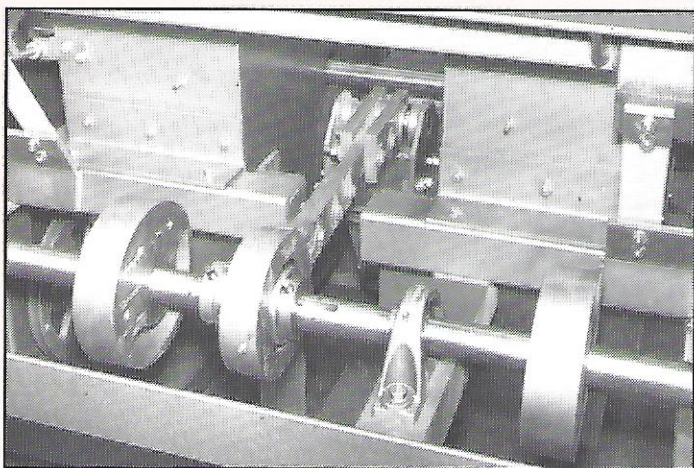
All CFM requirements are based on 1" WG @ hood outlet. When calculating the required amount of CFM, distance, routing, altitude, back pressure from the collection system and any other inhibiting factors must be taken into consideration. Consult our factory for assistance. (m³ per hr.)



CRIPPEN STATE OF THE ART FEATURES

- **UNEQUALED CAPACITIES:**

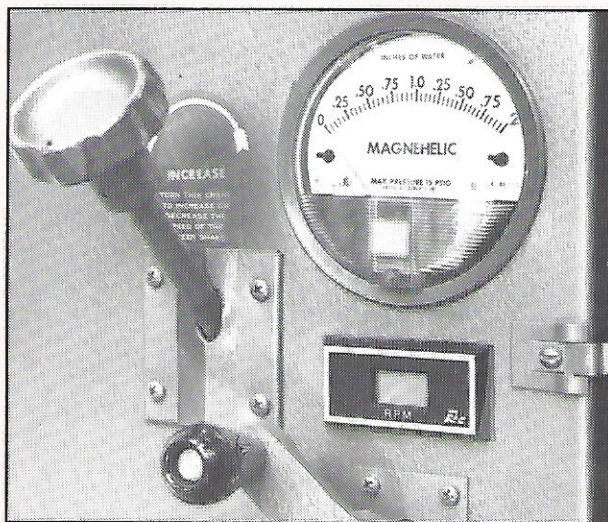
The combination of CRIPPEN'S urethane coated overcovers, custom eccentric amplitude and refined air control system, is producing unequal capacities per square foot of deck area.



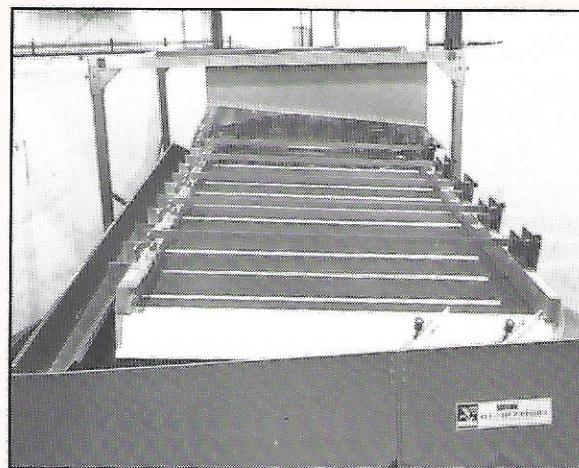
Custom eccentric amplitudes insure the proper stroke for every product.

- **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. CRIPPEN'S dynamic counterbalancing facilitates ease of installation and prolongs the unit's working life.



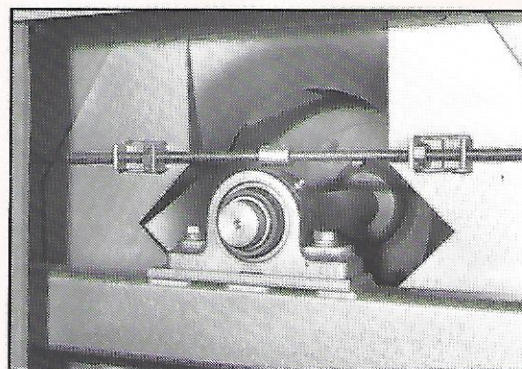
Tachometer for eccentric speed & gauges for each fan.



68.9 square feet of separation area: Model G6846.

- **PREMIUM QUALITY SEPARATORS:**

The combination of CRIPPEN'S tapered riffle design, bottom purging cutout gates and more aggressive deck overcovers, allows operators to achieve fraction purities second to none. CRIPPEN'S dynamic counterbalancing produces a "cleaner stroke" and a keener separation. Often times the need to rerun the middling fraction is eliminated.



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

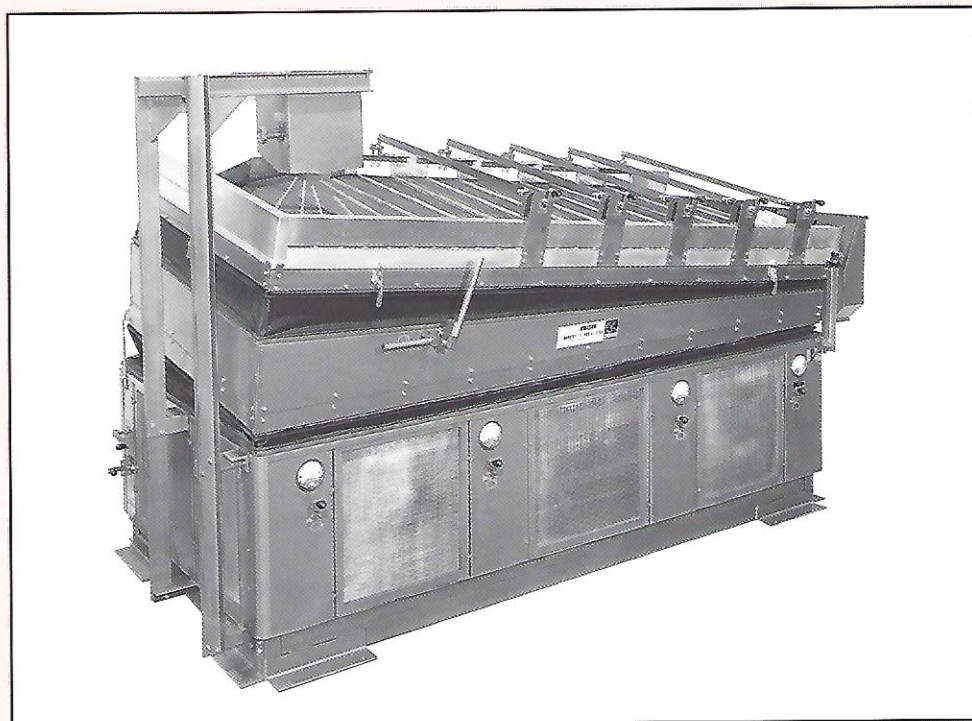
- **OPERATOR FRIENDLY:**

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 Air Gauges for each fan 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 GRAVITY SEPARATOR SERIES



CRIPPEN MODEL G5620 GRAVITY SEPARATOR

CRIPPEN GRAVITY SEPARATORS are the finest Gravity Separators available. When properly installed and operated, they will produce the world's most accurate density separations.

Gravity Separators are capable of separating dry granular particles of uniform size which differ in specific gravity. They are employed throughout the seed industry to remove light undesirable seed from a wide variety of seed crops. Proper use of a **CRIPPEN GRAVITY SEPARATOR** will improve the overall quality of any seed lot.

Industrial applications have proven **CRIPPEN GRAVITY SEPARATORS** capable of producing an excellent separation with a multitude of materials. Whenever your product consists of dry granular, free flowing material, of uniform size and shape, our equipment can be employed to produce an accurate grading relative to the specific gravity of the individual particles. We are constantly finding new applications and look forward to working with your product(s).

LET US PROVE THE VALUE OF **CRIPPEN GRAVITY SEPARATORS** WITH YOUR PRODUCT(S). WE STRONGLY ENCOURAGE YOU TO TAKE ADVANTAGE OF OUR FREE LAB SERVICE CALL ANYTIME:

800-872-2474

America's Best



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