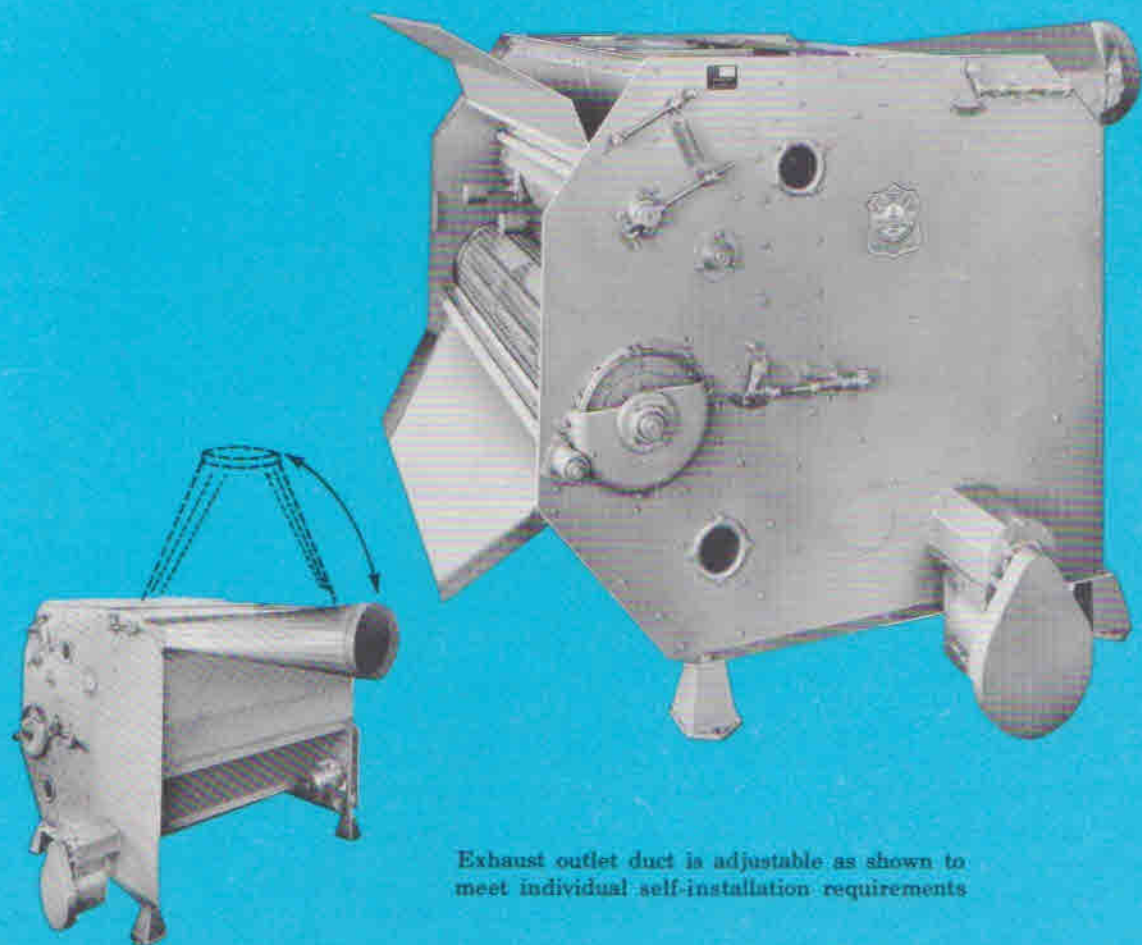


These two new Carter Scalperator models are unmatched for pre-cleaning of received grain, seed or other free-flowing granular materials. Designed to meet moderate capacity requirements, these Scalperator models are available in open circuit models only. In general appearance, size and construction, these two models are identical. Principal differences are the length of the scalping reels and the machines' capacities. A major improvement is the separation of the exhaust fan from the Scalperator themselves. This permits more efficient air adjustment to the product being handled. Also, it is more economical to you, in many cases, where the Scalperator can be tied into your present plant's air system. And by not being attached to the Scalperator, this allows you to locate your fan where best suitable in your plant's flow stream.

CARTER SCALPERATORS

FOR SCALPING,
ASPIRATING AND
AERATING

**11" x 36" AND
11" x 60" MODELS**



Exhaust outlet duct is adjustable as shown to meet individual self-installation requirements

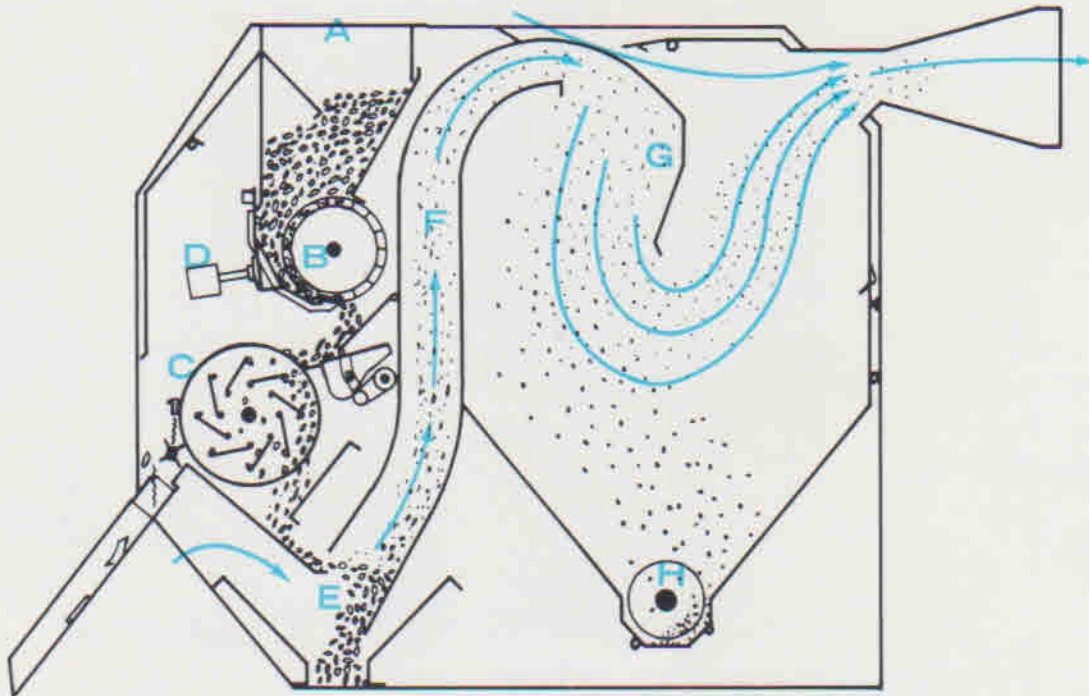
CEA·Carter·Day



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A COMBUSTION EQUIPMENT ASSOCIATES COMPANY

HERE'S HOW MATERIALS ARE SCALPED, ASPIRATED AND AERATED IN IMPROVED 11" x 36" AND 11" x 60" CARTER SCALPERATORS



Material enters at inlet (A). Flow at feed roll (B) is regulated by feed control (D). Material is fed at required capacity to Squirrel Cage scalping reel (C) which scalps off sticks, straws, nails and other roughage. Material is then aspirated at (E), where the material leaves the seal gate in an evenly spread stream through which a uniform current of air is drawn. Air liftings or light screenings are carried up air passage (F). This deep passage allows heavier

particles to drop back into main stream, further recovering good material, and permitting air lifted light waste to continue through air passage. Screenings are thrown by centrifugal force against (G) into settling chamber. Screenings drop to bottom where discharged by screw conveyor (H). Light foreign materials (dust and chaff) are drawn into adjustable exhaust outlet and carried to dust collector.

SPECIFICATIONS

Size	Capacity on Wheat Bu./Hr.	H.P. Required	Height to top of Feed Hopper	Width Overall	Length Overall	R.P.M. of Drive Shaft	C.F.M. Exhausted	Diameter of Standard Design Cyclone Dust Collector Required	Net Weight in pounds without Motor
11"x60"	1,500	¾	57"	66¾"	79¾"	150	3750	70"	1,000
11"x36"	900	¾	57"	66¾"	55¾"	150	2250	55"	700

NOTE: Carter-Day fans are available for your Carter Scalperator application to meet your individual requirements

All Carter Scalperators are fully rotary in motion, no vibration. All-steel construction, Mechani-sealed ball bearings. Maintenance costs extremely low. ■ All controls on outside of units, easy to reach. Automatic valve uniformly spreads stream, minimizes manual feed adjustments. Operates efficiently from stream feed of elevator head or from bin. Adjustable feed-hopper. Main scalping reel equipped with wiper, removes trash, string, straw. ■ Larger capacity Carter Scalperators also available, handling up to 6,000 bushels per hour.

Ideal for rough scalping at head of grain dryer, and removing "hot spots," in turning operations

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