

# CARTER DAY

## P515 PRE-CLEANER SPECIFICATIONS

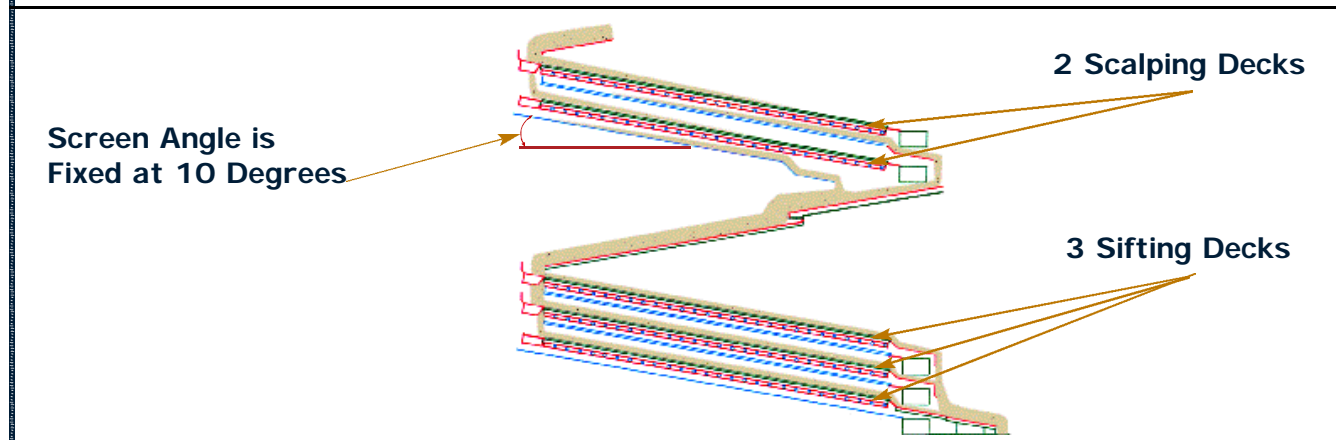
# CARTER DAY

MODEL	Height	Length	Width	Net Weight	Motor Requirement
P515 PRE-CLEANER	143" 3623mm	154" 3912mm	80" 2032mm	6,600 lbs. 2,993 kgs.	Main Drive 7.5HP (5.6 kw)
					Feed Roll Drive 1.0 HP (.75 kw)

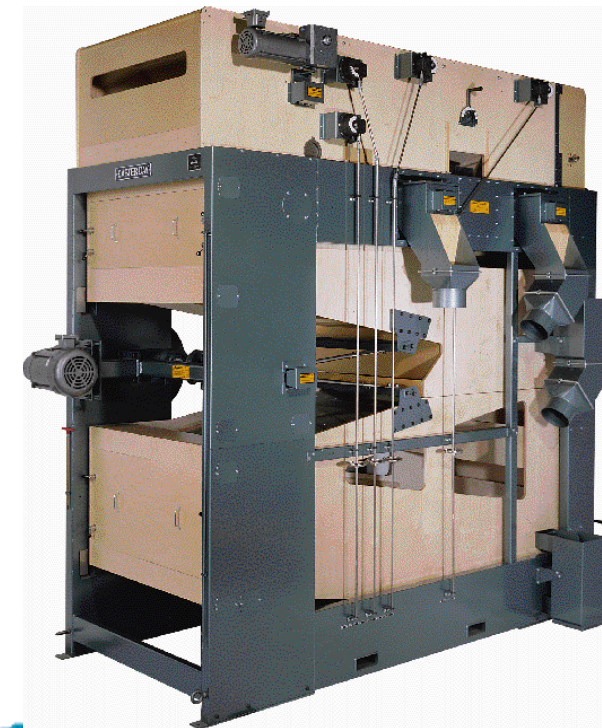
Wheat	Oats	Barley	Corn	Soybeans	Canola	Paddy Rice
2000-3000 bph	1800-2200 bph	2000-2500 bph	1500-2000 bph	1500-2000 bph	1000-1500 bph	1500-2000 bph
54-82 MT/hr	26-32 MT/hr	44-54 MT/hr	38-51 MT/hr	41-54 MT/hr	27-41 MT/hr	30-41 MT/hr

MODEL	Scalping Screen Area	Sifting Screen Area	Air Requirements
P515 PRE-CLEANER	65 ft <sup>2</sup> scalp screen area	97 ft <sup>2</sup> sift screen area	6000- 9000 CFM.
	6 m <sup>2</sup> scalp screen area	9 m <sup>2</sup> sift screen area	170-184 m <sup>3</sup> /hr

### PRODUCT FLOW ACROSS SCREEN



## P515 PRE-CLEANER

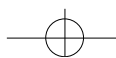


Complete laboratory service is at your disposal. Carter Day's facility enables us to test your unique product sample in laboratory or full size equipment - to aid in determining the right machine for your application. We invite you to participate in tests conducted at our facility in Minneapolis, Minnesota, USA.

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**WORLDWIDE REPRESENTATION**



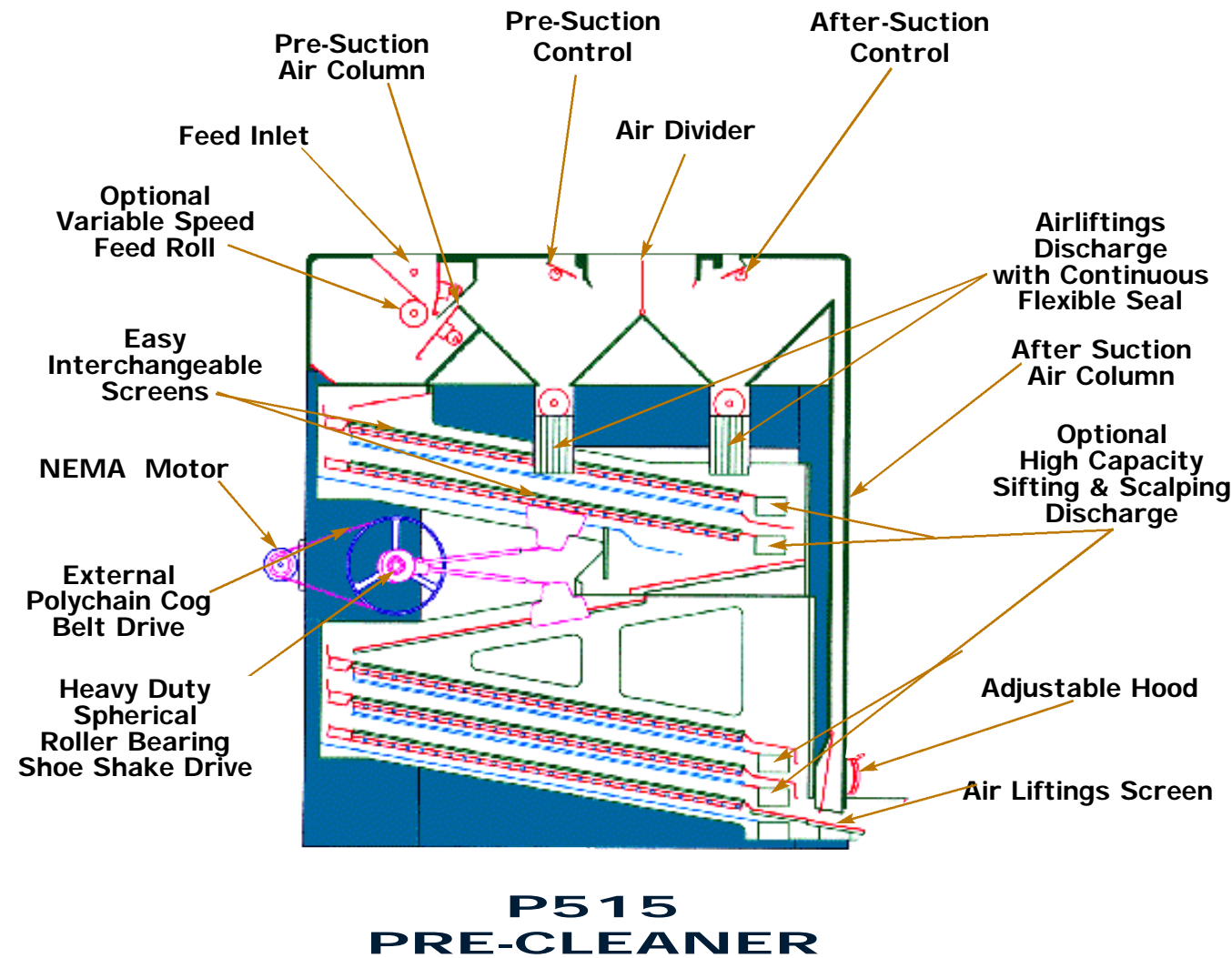
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## P515 PRE-CLEANER

For more than 75 years **Carter Day** has been manufacturing quality processing equipment. We continue this tradition with the introduction of our P515 PRE-CLEANER.

The P515 PRE-CLEANER is designed to meet your high capacity cleaning requirements. The cleaner's integrated pre-suction and after-suction aspiration with scalping, and sifting capability, provides higher quality cleaning performance than typical pre-cleaners

The P515 PRE-CLEANER features an exceptional drive system, easily changeable screens and a consistent air wash of the product.

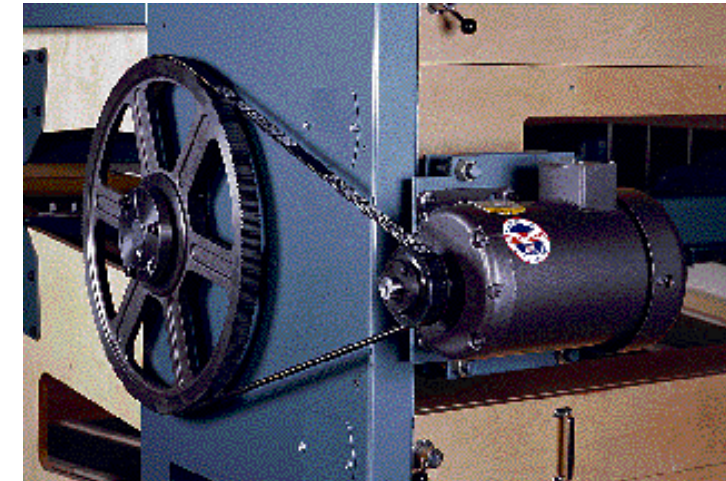


This design reflects our decades of experience selling air screen cleaners. And **Carter Day's** worldwide sales representation assures you of service after the sale.

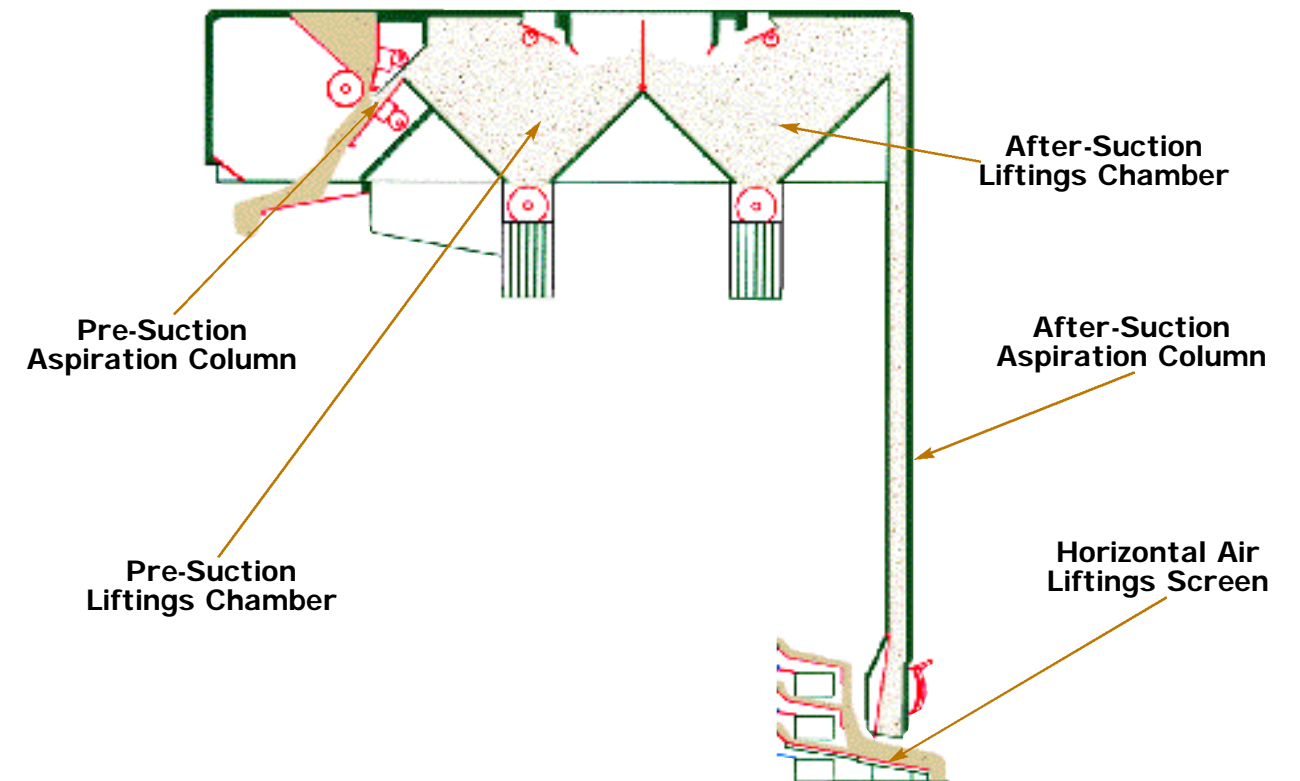
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## THE CARTER ADVANTAGE

**Drive system reliability** is designed into the **Carter Day P515 PRE-CLEANER** by the incorporation of high capacity double row spherical roller bearings on the shoe shake drive shaft, Polychain Cog belt drive on the shoe shake and standard **NEMA** face motors and gear reducers. Drive ratings exceed the industry average and the simple mechanical drive system means easy and quick maintenance.



The Exceptional Aspiration System allows an accurate separation of light seed and foreign material from the main product flow. The **Horizontal Air Liftings Screen** provides a more uniform air wash of the product. It becomes fluidized as it passes over an 8" wide air screen that runs the full width of the machine. The product is then aspirated to the After-Suction Liftings Chamber for the final separation.



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