



TI Tractors India



ASTEC®

VOYAGER 120
120 MTPH Portable Asphalt Plant

Safety Handrails & Ladder

Folding safety handrails for baghouse access along with folding ladder for transport.



Industry Exclusive Reverse Pulse Baghouse

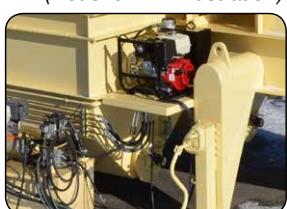
17,600 CFM reverse pulse baghouse with 175 Aramid bags. Featuring a streamlined, one modular design for ultimate portability.



Hydraulic Controls

Hydraulic controls for positioning the drag and batcher safely in under 10 minutes. Optional hydraulic controls for the fan stack.

(Not shown in illustration)



ASTEC VOYAGER™

The **Voyager 120** offers a compact, highly portable design. Unique for a plant in this class with the ability to run up to 30% RAP. In addition, it is backed by the best service support in the industry.

The ASTEC **Voyager 120** is built around a counter flow drum featuring ASTEC v-fights. The v-flights provide greater uniformity of the aggregate veil during the drying process, which results in better heat transfer, a reduction of fuel use and increased productivity.

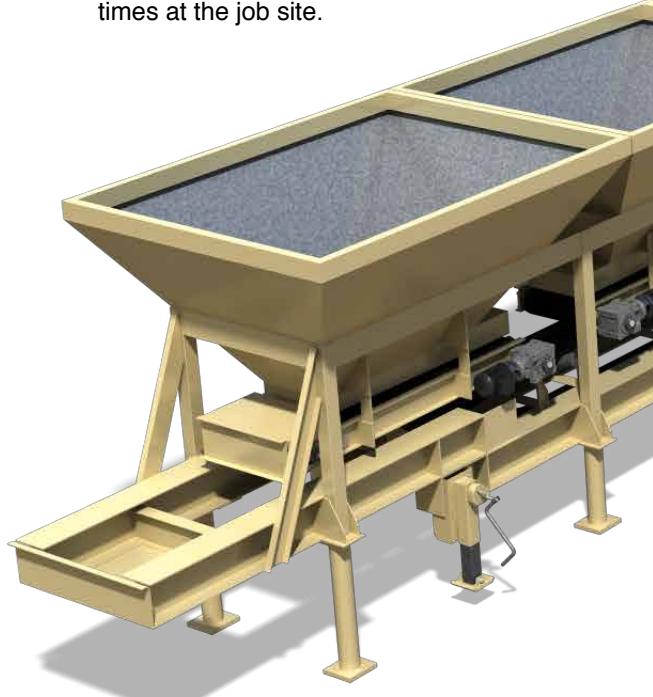
To enhance portability, a hydraulically driven swing out drag and batcher can be set and ready to go in about 10 minutes. Other features include a reverse pulse baghouse, a controls cab with fully automated PLC controls, gravity take-up with direct drive, air ride suspension and up to five (5) cold feed bins and two (2) RAP bins.

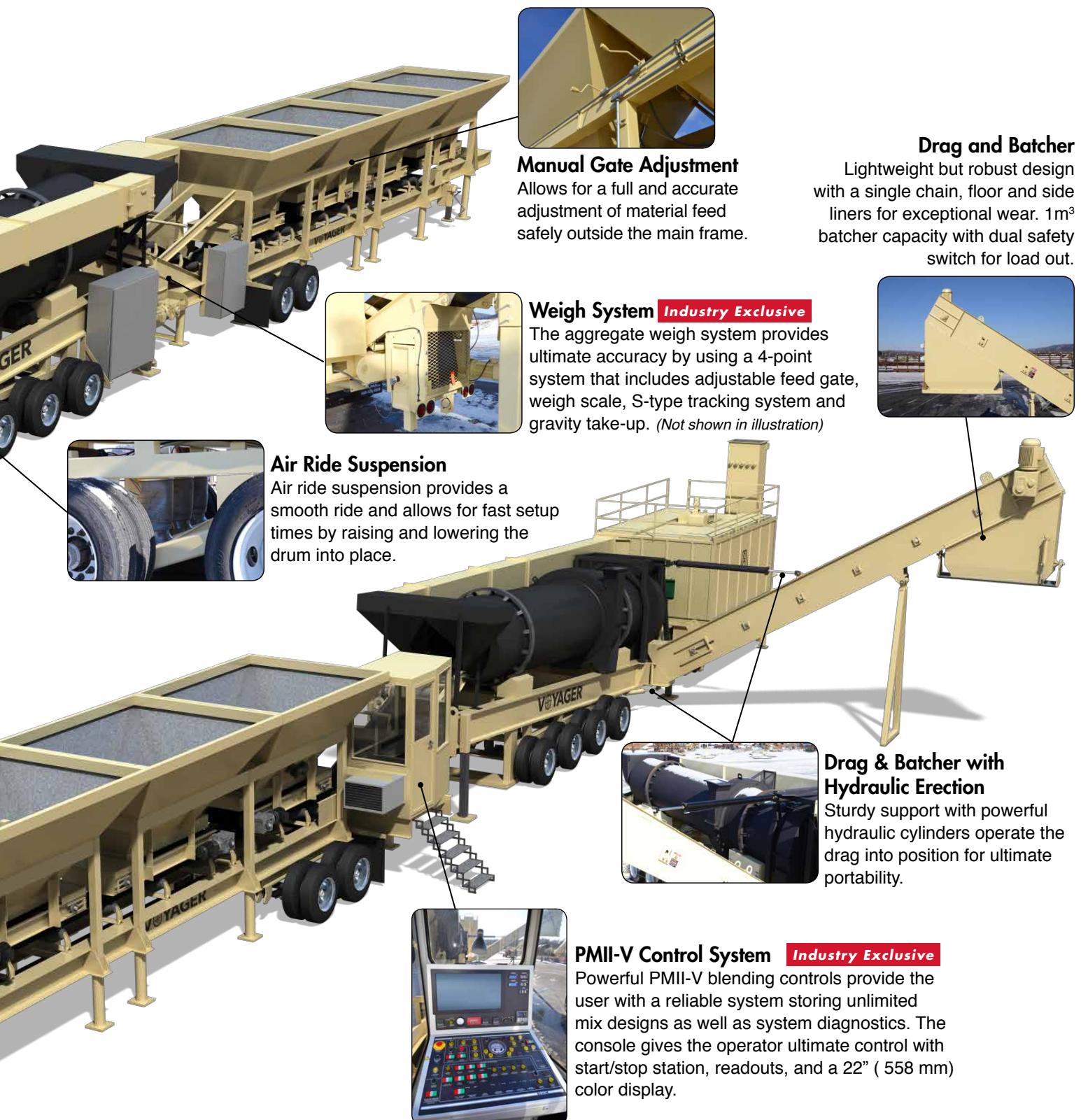
Dust Return System

Common drives throughout the DRS system return fines to the mix. The fixed DRS system provides fast setup times at the job site.



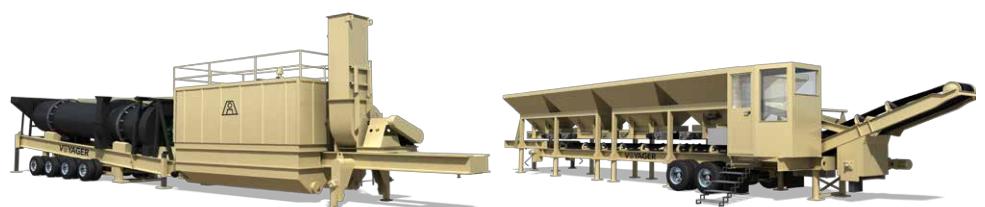
120





Modular Design

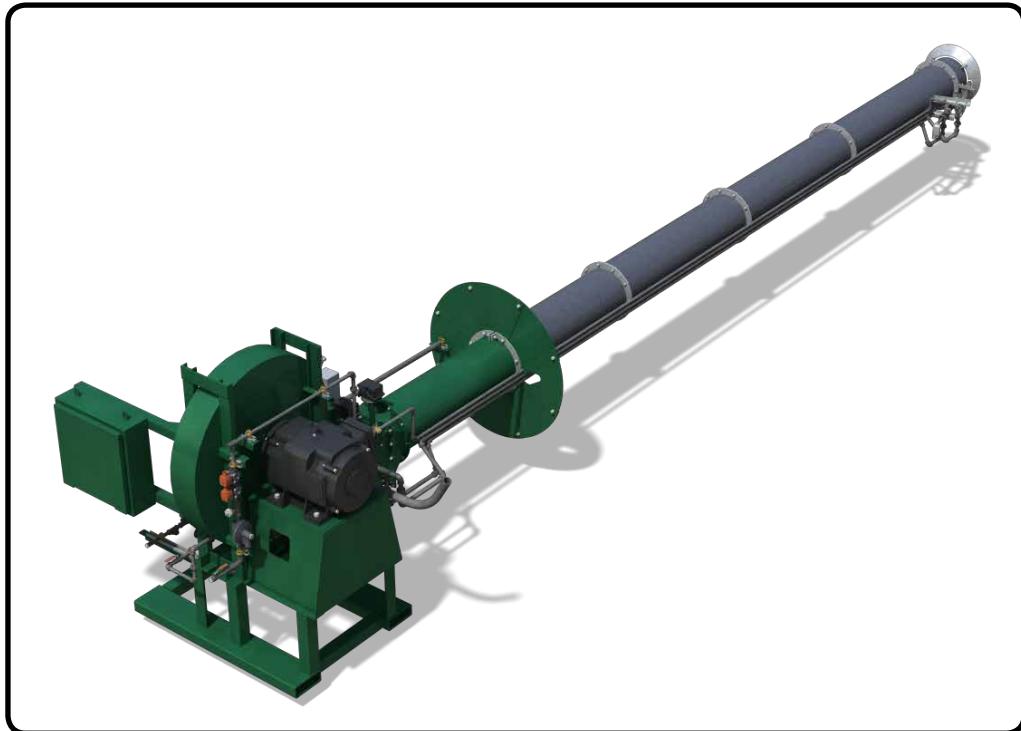
The Voyager 120 shown in a modular design provides ultimate flexibility for bin selections of 3, 4, & 5 bins. Optional modular configurations not shown include a separate portable baghouse design and a larger detached drag and batcher.



VOYAGER™

Phoenix® Fury Burner

A robust build and simple, accessible construction makes the Phoenix Fury burner a great, cost-effective choice. Compared to other open-fired designs, the Fury burner achieves better emissions and fuel-efficiency by putting 50% more combustion air through the burner.



Low Cost

Success in the aggregate and HMA industries depends on profitability. The Astec Phoenix Fury burner is the low cost alternative to more expensive total air designs.

Simplicity

The simple and accessible construction makes burner maintenance easy: while it's rugged build keeps maintenance costs to a minimum.

Low Cost

Rapidly swirling, high-energy air is the key to the Fury burner's efficient combustion. The swirling air and flame are created by the fixed internal spin vanes, high-pressure blower, and high velocity nose.

For more information on Astec's complete burner line please visit www.astecinc.com.

ASTEC, INC.
an Astec Industries Company

4101 JEROME AVENUE • CHATTANOOGA, TN 37407 USA
• 423.867.4210 • FAX 423.867.4636
• www.astecinc.com



Adams Litho 02/14

Compact Flame Shape

The Phoenix Fury burner cleanly and efficiently burns oil or gas. Its compact flame makes it compatible with virtually all drum designs without complicated adjustments.

Better Emissions

The Astec Fury burner is designed to put 50% more combustion air through the burner than competitive designs. This means higher combustion quality, better emissions, and higher efficiency combustion throughout the entire firing range of the burner.

No Compressed Air

The Astec designed pre-filming fuel nozzle utilizes the combustion air from the high-pressure blower to atomize fuel. This eliminates the need for compressed air at the burner, and helps increase nozzle life.

TIL Limited

CIN: L74999WB1974PLC041725

Registered & Corporate Office:

1, Taratolla Road, Garden Reach, Kolkata - 700024

Phone: + 91 33 2469 3732-6 / 6497 | 6633 2000 / 2845

Fax: + 91 33 2469 2143 / 3731

Email: Mhg.Er@tilindia.com | mktg-til@tilindia.com