ASTEC®

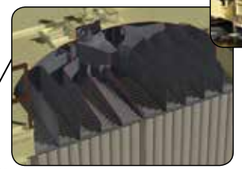
VOYAGER 120

120 TPH Portable Asphalt Plant

Safety Handrails & Ladder
Folding safety handrails for baghouse access along with folding ladder for transport.

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)*

Industry Exclusive **Reverse Pulse Baghouse**
17,600 CFM reverse pulse baghouse with 175 Aramid bags. Featuring a streamlined, one modular design for ultimate portability.



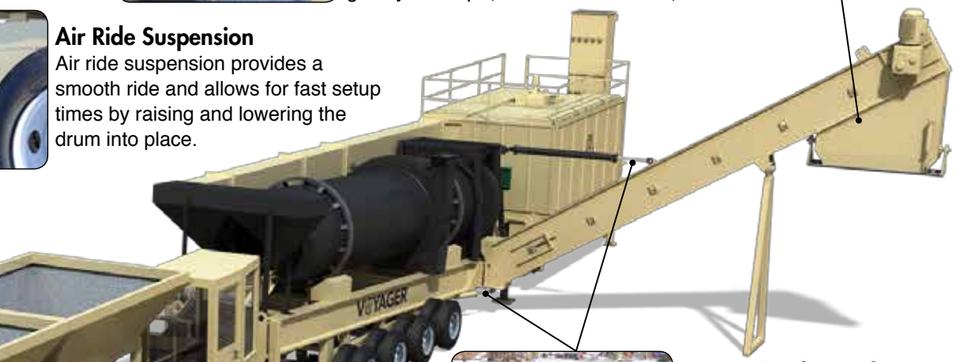
Dust Return System
Common drives throughout the DRS system return fines to the mix. The fixed DRS system provides fast setup times at the job site.

Manual Gate Adjustment
Allows for a full and accurate adjustment of material feed safely outside the main frame.

Weigh System **Industry Exclusive**
The aggregate weigh system provides ultimate accuracy by using a 4-point system that includes adjustable feed gate, weigh scale, S-type tracking system and gravity take-up. *(Not shown in illustration)*

Air Ride Suspension
Air ride suspension provides a smooth ride and allows for fast setup times by raising and lowering the drum into place.

Drag and Batcher
Lightweight but robust design with a single chain, floor and side liners for exceptional wear. 1m³ batcher capacity with dual safety switch for load out.



Drag & Batcher with Hydraulic Erection
Sturdy support with powerful hydraulic cylinders operate the drag into position for ultimate portability.

MPIII Control System **Industry Exclusive**
Powerful MPIII blending controls provide the user with a reliable system storing unlimited mix designs as well as system diagnostics. The console gives the operator ultimate control with start/stop station, readouts, and a 22" (558 mm) color display.

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.

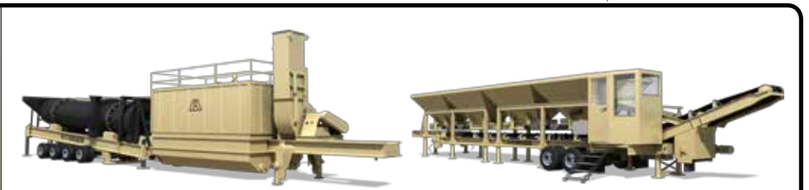
The ASTEC **Voyager 120** is built around a counter flow drum featuring ASTEC v-fights. The v-flights provide greater uniformity of the aggregate veil during the drying process, which results in better heat transfer, a reduction of fuel use and increased productivity.

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.

120

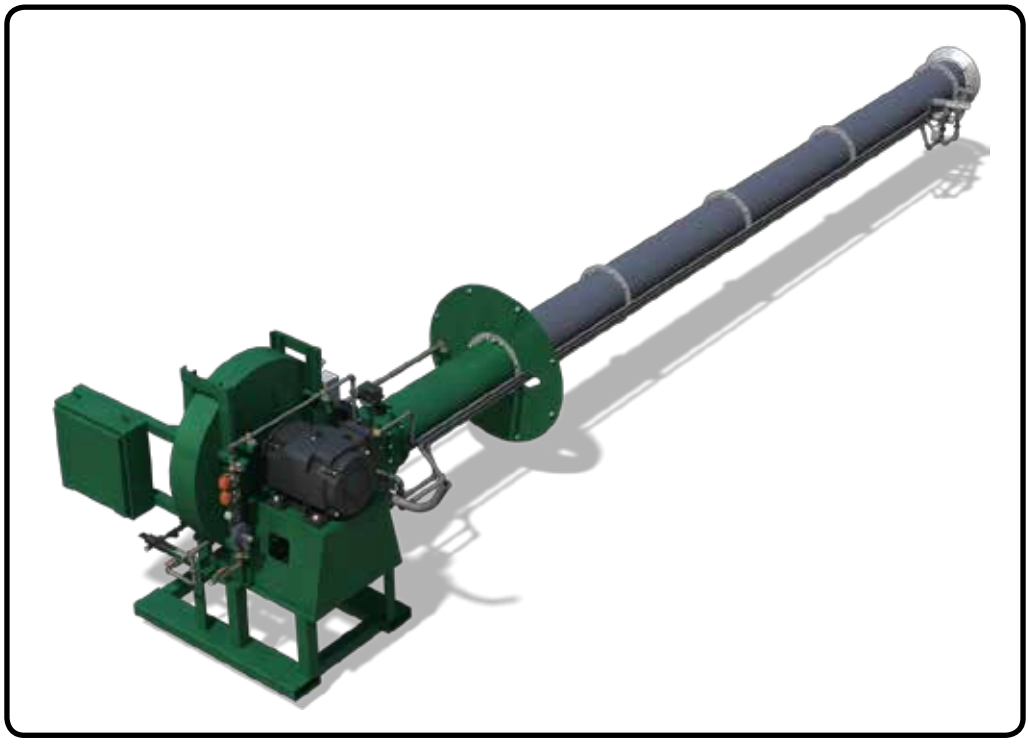
Modular Design — VOYAGER

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.



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 maintenace 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.

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.

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