



Great paving demands great craftsmanship.

The Carlson WP800 Windrow Pick-up Machine is designed to couple to the front of a hot asphalt paver and transfer mix asphalt (HMA) from windrows laid in the paving track to the paver hopper via its elevating conveyor. Re-blending the HMA as it is picked up and transferred into the paver hopper.

The WP800 can be adapted for use on almost any paver, and can either be used with or without a hopper insert unit. The manually adjustable hitch supplied as standard allows varying the distance between the machine and the paver to suit various applications.



Carlson WP800

The WP800 Windrow Pick-up attaches to the front of any asphalt paver and can be used with or without a hopper insert unit. The manually adjustable hitch allows varying the distance between the machine and the paver for various applications.

**CARLSON**
an Astec company

Carlson delivers the perfect touch.

Specifications

Engine

- 4 Cylinder torbo Diesel, 127 hp @ 2400 rpm
Available as CAT or Perkins
- 60 gallon fuel tank

Elevating Conveyor

- 96" inlet opening
- 42" wide slats, 5.5" deep
- 101"-82" discharge height
- Front mount plow and augers for remix
- Heavy-duty roller flight chain
- Replaceable abrasion resistance liner (*Hardox 500)
- Heavy-duty alloy steel head and tail shafts with heavy-duty roller bearings
- Remixing discharge chute
- Normal Capacity of 800 tons per hour minium

Suspension

- Two 22" x 10" solid rubber tires on front casters
- (4) 26" x 7" solid rubber tires on dual rear casters
- All wheels have heavy-duty caster assefblies
- Rear caster wheels can be pinned for towing
- Front casters mount to swing arms, allowing unit to be loaded on an 8' trailer, or hydraulic spread to 150" (track) to clear wide windrows

Hydraulic Drive System

- A closed loop hydrostatic system directly drives the head shaft of the conveyor through a direct coupled gear reduction
- A 10GPM general purpose pump provides oil for all auxiliary functions

Controls

- Control panels on both sides of unit:
 - Emergency stop
 - Engine throttle
 - Conveyor on/off
 - Hydraulic raise/lower front casters
 - Lights on/off
 - Plow raise/lower



WP 800 shown with optional towing axle

- Engine instrument panel includes:
 - Oil pressure gauge
 - Water temperature gauge
 - Hour meter
 - Tachometer
 - Voltage sensing system
 - Shut down diagnostic system

Hydraulic lift system

- Hydraulic cylinders for raising and lowering front caster assemblies individually
- Optional rear lift for towing axle option

Swing up towing frame hydraulically raised and lowered

Attached Adapter

- Designed to fit most pavers (to be determined)
Dimensions
- Overall length..... 18'
- Overall height (with exhaust)..... 11'
- Travel width..... 8' 6"
- Operative weight 19,000 lbs.

Options

- Generator for lighting
- Wash down reservoir and pump unit
- Highway towing axle assembly

With Carlson's policy of continually improving its products, specifications are subject to change without notice. Actual dimensions, clearances, weights and other specifications may vary due to fabrication variables, options or custom engineering. For a copy of Carlson's warranty, please contact your dealer or Carlson representative. The publication is not a warranty, either expressed or implied.



The Perfect Touch

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