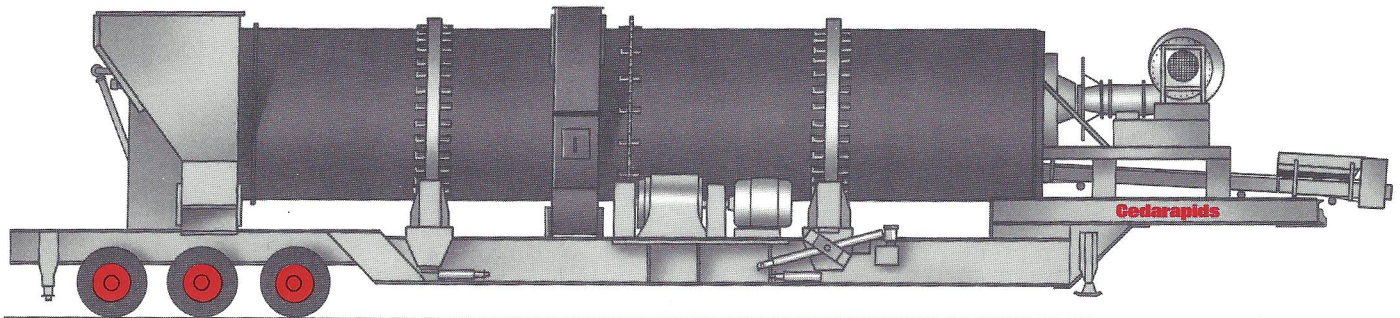


Cedarapids

8835 HMS Portable Hot Mix System with Fabric Filter Collection System

Form 18727 (3/89)
Replaces 16569



Standard Features

30" slinger feed conveyor, reversible for calibration
88" x 35' welded alloy steel plate drum
"Curtain-fall" drying flights
Patented heat shields
Unique mixing flights minimize fines carry-out
Roll-forged machined drum tires
Roller-bearing-mounted steel trunnions with labyrinth seals
Heavy duty saddle chain drive, speed reducer & electric motor
Replaceable, reversible drum drive sprocket segments
High-lift right side material discharge chute with drum seals, bottom & side liners
Wide flange main frame
Self-contained adjustable operating supports with steel cribbing pads
Hydraulic erecting equipment

Patented center-entry recycle attachment with:

- Inner transition section with flights
- Intake wheel with scrapers
- Shroud with feed chute & calibration bypass

Motor controls with branch circuit protection, starters with overload relays, all panel wiring & multi-conductor cable with Q.D. to remote pushbutton console. *(Main disconnect and power supply cables not included.)*
Triple axle running gear with air brakes
130 million btu/hr refractoryless Quadrafuel® burner (#2 fuel) for 47,000 cfm exhaust system
Light oil fuel pump and controls
Asphalt metering system
Fully jacketed 10' flexible asphalt delivery hose

Optional Equipment

Burner adaptation for gas, LP or coal fuel
Temperature booster for heavy fuel oil consisting of heat exchanger, temperature controller & on-unit piping
LP gas (liquid state) pump and reliefs

Hi-altitude blower
Liquid additive feed/storage equipment
Mineral filler feed/storage equipment
Remote air-actuation for center entry bypass

Auxiliary Equipment

Dust emission control system
Control center with process controls
Hot mix storage equipment

Cold feed equipment
Feed conveyor with scale system
Liquid asphalt storage equipment

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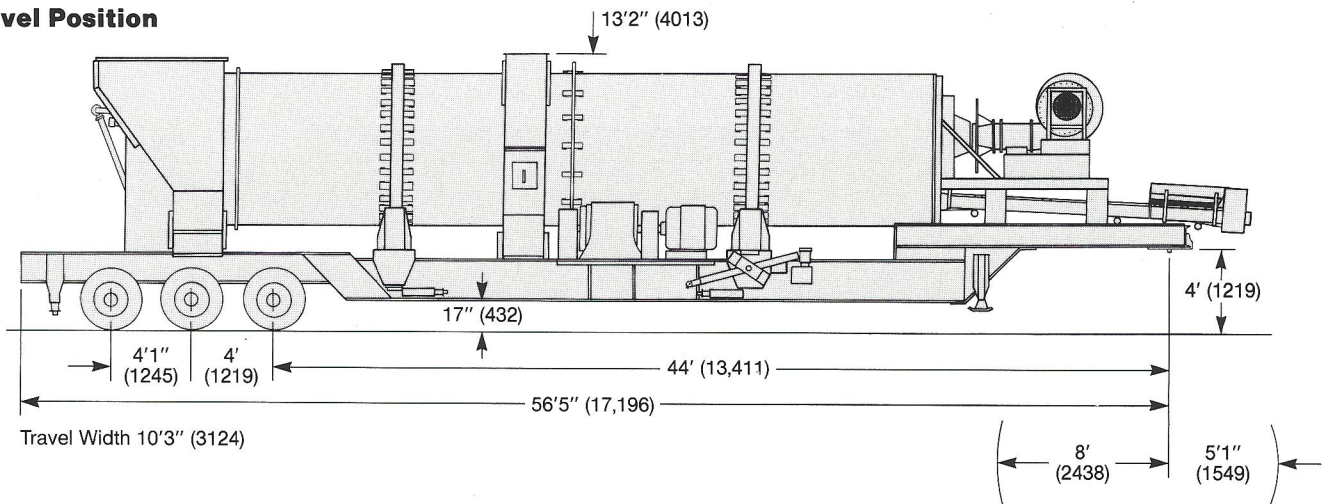
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8835 HMS Portable Hot Mix System with Fabric Filter Collection System

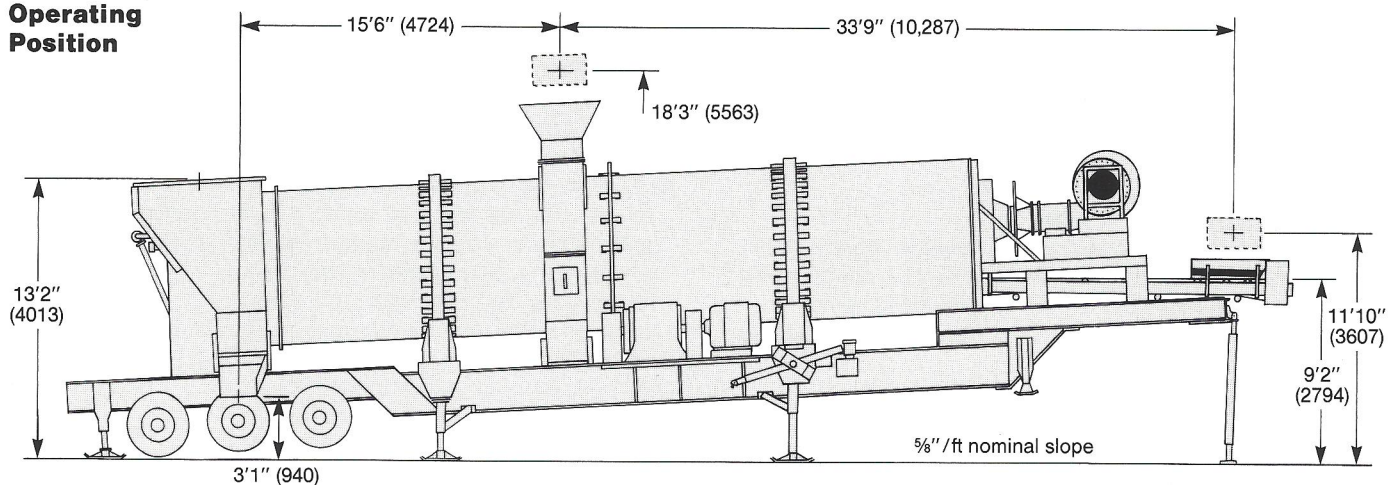
Sales Manual
Section 2, Division 1
Form 18727 (3/89)

Cedarapids Inc • 916 16th Street NE • Cedar Rapids, IA 52402

Travel Position



Operating Position



Specifications

Capacity Range 200-400 tph (180-360 tonnes/hr)
(Subject to operating conditions. See HMS Theoretical Plant Capacity Spec.)
Weight (with recycle attachment)
Total 77,000 lbs (34,927 kg)
Kingpin 30,000 lbs (13,608 kg)
Rear 47,000 lbs (21,319 kg)
Drum 88" × 35' (2235 × 10,668 mm)
Plate 5/16" (8 mm)
Tires (width)..... 7 7/8" (200 mm)
Trunnions 18" dia × 10 1/2" wide (457 × 267 mm)
Asphalt Metering System
Inlet pipe 3" (76 mm)

Pump 3" (76 mm)
Return pipe 2" (50 mm)
Delivery hose 2" × 10' (50 × 3148 mm)
Injection pipe 2" (50 mm)
Slinger conveyor 30" (762 mm)
Horsepower requirements
Drum 100
Turbo blower 100
Asphalt pump 10
Fuel oil pump 3
Slinger conveyor 5
Running gear twelve 11.00 × 22.5 12-ply tires

Design & specifications subject to change without notice

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