

Astec ReMix™



Cold Central Plant Recycle System



Pugmill

- Twin shaft design mixing box with AR steel liners
- Electric motor with v-belt driven gear reducer
- Two heavy-duty 6" [152 mm] XHD counter rotating shafts interlocked with timed gears in an oil bath
- Double tip Ni-hard paddles in an overlapping spiral arrangement; adjustable paddle tip wall clearance range of 3/4" [19 mm] to 2" [50 mm]
- Adjustable dam gate
- Receiving hood with spray bar
- Inspection doors
- Hydraulic drop-out bottom to provide access for easy clean out

Feed Conveyor

- Heavy-duty channel frame
- Electric head end drive

Chassis

- Heavy-duty channel frame with gooseneck & kingpin
- Walking beam tandem axle with dual 11.0" x 22.5" tires (8 total)
- Manual landing gear
- 24" [610mm] wide walkway with operator's platform, stairway and handrails

Free Water System

- 180 gpm [681 l/min] pump with a 3hp [2.2 kW] variable speed electric drive
- Flowmeter and valve

Asphalt System (Optional)

- 90 gpm [340 l/min] pump with a 10hp [7.5 kW] variable speed electric motor
- Flowmeter and valve

Dual Hoppers (Optional)

- Constructed of 1/4" [6.35mm] thick A-36 steel
- Variable speed electric drive on feeders

Touchscreen and Controls

- Located on ground accessible panel mounted to the side of the plant
- Real-time trending and diagnostics
- Recipe memory
- Start/stop capability and speed control (where applicable) for plant motors
- Automatic material proportioning

Cleanout System

- 2 gpm cleaner pump
- 10 gal. spray bar recirculating cleaner system
- 5 gal. water line cleaner system

Standard	Imperial	Metric
Discharge Height (A)	5'5"	1.7m
Travel Length; kingpin to rear (B)	60' 6"	18.4m
Standard Pugmill Mixing Chamber Size	4'x8'	1.2x2.4m
Pugmill Drive	100hp	75kW
Number of Paddle Tips in Mixing Chamber	48	48
Travel Weight (kingpin)	9,441lb	4,283kg
Travel Weight (axle)	26,905lb	12,204kg
Nominal Mixing Capacities*	300TPH	273MTPH
Feed Conveyor Width	36"	914mm
Feed Conveyor Length	36'	11m
Feed Conveyor Drive	15hp	11.2kW
Overall Plant Length (C)	62' 2"	4.3m
Overall Plant Travel Width (D)	10' 9"	3.3m
Travel Height (E)	13' 5"	4.09m

Optional	Imperial	Metric
Primary Hopper Capacity	15 yd ³	11.5m ³
Primary Hopper Width (F)	7'	2.1m
Primary Hopper Length (G)	14'	4.3m
Primary Feeder Width	36"	914mm
Primary Feeder Drive	15hp	11.2kW
Secondary Hopper Capacity	8 yd ³	6.1m ³
Secondary Hopper Width (F)	7'	2.1m
Secondary Hopper Length (H)	14'	4.3m
Secondary Feeder Width	36"	914mm
Secondary Feeder Drive	10hp	7.5kW
Travel Weight (kingpin) †	21,500lb	9,752kg
Travel Weight (axle) †	34,100lb	15,468kg
Feed Height/Travel Height (J)	13' 6"	4.1m

*Throughput capacity is application specific.

† Travel weight dependant upon optional features added.

