



MC-330

Mobile Conveyor

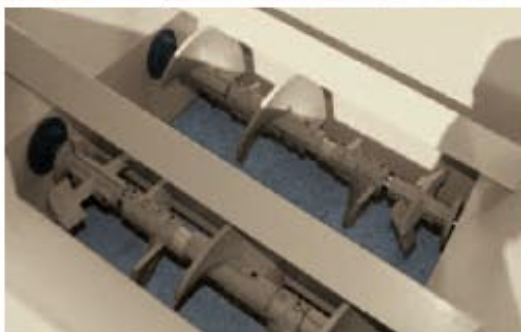


We're as dedicated to paving as you are



Increase surge capacity

with the optional transverse auger tub installed in the paver hopper, prior to the material being discharged to the paver conveyors and the screed.



Remix the material

with the hydraulically driven auger assemblies. The auger tub is equipped with two transversely mounted, hydraulically driven auger assemblies, powered by the MC-330.



Pave offset applications

with the optional swing conveyor that can be easily attached to or detached from the MC-330 and adjusted to discharge material up to 12 feet and + / - 90 degrees.



Convey material as mass

to retain the homogeneous design of the mix, thus minimizing mechanical and thermal segregation. The rubber belt design eliminates slat conveyors and floor plates, reducing wear and operational costs.



Isolate the paver

from the truck to eliminate bumps that can reduce pavement smoothness, increase surge capacity, and improve trucking efficiencies. Isolating the paver also reduces the stress of pushing additional weight, extending the life of the paver.

Convey your way to productivity and sm

The MC-330 mobile conveyor is a self-propelled, wheel-mounted, bulk material handling and delivery system with a surge storage capacity of approximately 30 tons (225 m³). A proven economic alternative, the MC-330 can be used in a variety of applications, including in line or offset paving, road widening, and material transfer of bituminous, aggregate, or concrete materials. When functioning as a material transfer vehicle for hot mix asphalt, the MC-330 has proven to reduce material hauling costs and increase production while improving the overall quality and smoothness of the pavement.

TRANSVERSE AUGER TUB

Weight (empty) – lb (kg)	4,200 (1905)
Volume Capacity – T (t)	3.5 (3.18)

SWING CONVEYOR

Weight (empty) – lb (kg)	14,500 (6578)
Offset Discharge Angle	+/- 90°
Discharge Reach @ 90° Offset – ft (m)	12' (3.65)
Transport Length – ft (m)	22' 8" (6.9)
Transport Height – in (mm)	97" (2464)
Transport Width – in (mm)	102.7" (2608)
Belt Width – in (mm)	48" / effective 36" (1219 / effective 914.9)

SELECTED OPTIONS (FIELD-INSTALLED)

- Additional operator's umbrella
- Discharge position sensor
- Generator set
- Swing conveyor for MC-330, installation kit, and discharge chute
- Twin auger tub insert (includes hose kit)
- Truck hitch

A Achieve easy material delivery and minimize training costs since the receiving hopper of the MC-330 is of the same design as on a paver.

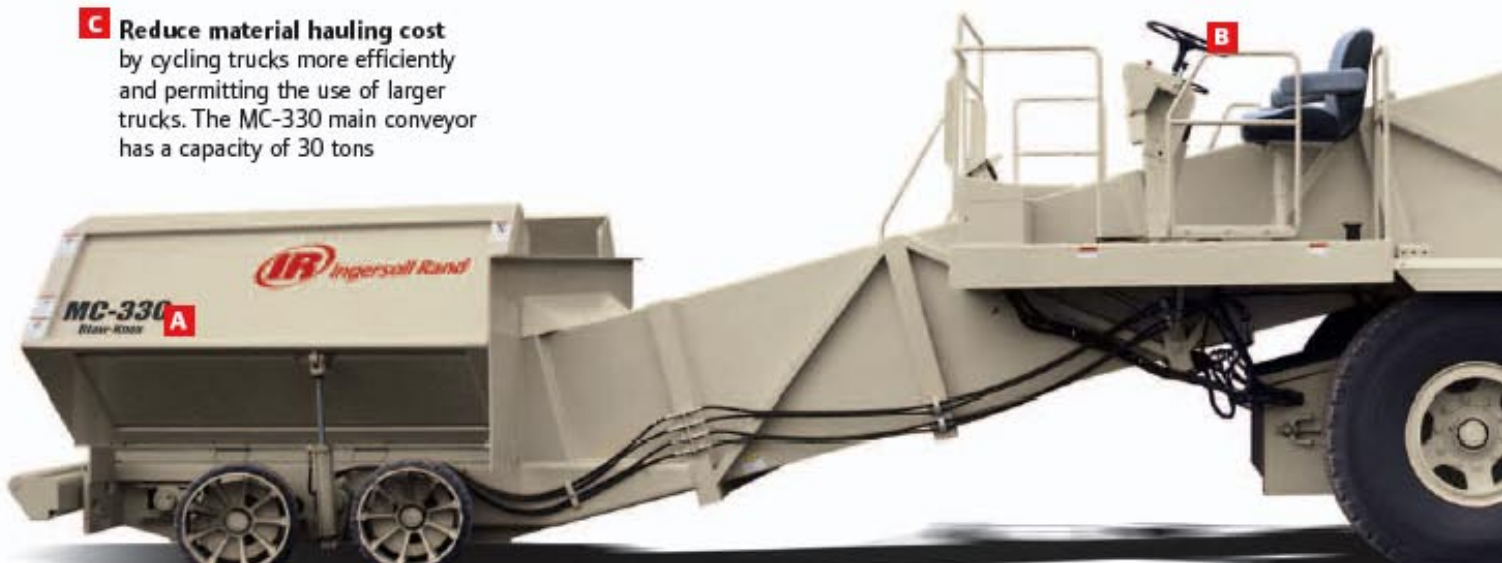
B Visibility on the MC-330 is enhanced with dual operator stations that provide a line of sight to the truck driver and the paver operator. The operator stations are ergonomically designed with all controls within the operator zone of comfort.

C Reduce material hauling cost by cycling trucks more efficiently and permitting the use of larger trucks. The MC-330 main conveyor has a capacity of 30 tons

D Reduce maintenance costs by using the onboard Blaw-Kote protective coating to minimize the adhesion of asphalt to the machine components. Use the large access areas to remove any material carry-over.

E Improve pavement quality by minimizing the disruption of the base material due to the weight distribution and low center of gravity of the MC-330.

F Increase productivity by using the four-bar linkage system to install a swing conveyor to pave off-set applications. Detach the swing conveyor when it is not required to reduce maintenance costs. The appropriate discharge chute must be used for the particular application.



smoothness

MODEL	MC-330	MC-330 w/OPTIONAL SWING CONVEYOR
WEIGHT & DIMENSIONS		
Weight – lbs (kg)	45,000 (20411)	60,900 (27623)
Width (wings down) – ft (m)	10.1 (3.08)	10.1 (3.08)
Width (wings up) – ft (m)	10.3 (3.15)	10.3 (3.15)
Length – ft (m)	40 (12.19)	56.8 (17.32)
Height (w/o upper conveyor sides) – ft (m)	10.75 (3.28)	10.75 (3.28)
Height (w/ upper conveyor sides) – ft (m)	12.33 (3.76)	12.33 (3.76)
Discharge Height – ft (m)	6.42 (1.96)	10.75 (3.08)
Gauge Width (center to center of drive wheels) – in (mm)	95 (2413)	95 (2413)
Wheelbase – in (mm)	256 (6502)	256 (6502)
Turning Radius (inside) – ft (m)	34.33 (9.85)	34.33 (9.85)
Loading Ramp Angle	12°	12°
Volume Capacity – ton (T) / cu ft (m ³)	30 / 225 (33.5 / 6.4)	30 / 225 (33.5 / 6.4)
PROPULSION		
Drive Tire	16:00 x 24, G2 radial tires	16:00 x 24, G2 radial tires
Front Wheel	14" x 22" solid rubber tired wheels	14" x 22" solid rubber tired wheels
Traction Drive	3-speed reduction transmission, 2-speed differential axle	
Type System	Electrically controlled hydrostatic drive	
OPERATING SPEED		
Low Range Low / High Axle – fpm (m/min)	0 – 141 (0 – 43) / 0 – 196 (0 – 59.8)	0 – 141 (0 – 43) / 0 – 196 (0 – 59.8)
Mid Range Low / High Axle – fpm (m/min)	0 – 294 (0 – 89.6) / 0 – 409 (0 – 124.7)	0 – 294 (0 – 89.6) / 0 – 409 (0 – 124.7)
High Range Low / High Axle – mph (km/h)	0 – 10.7 (0 – 17.1) / 0 – 14.8 (0 – 23.8)	0 – 10.7 (0 – 17.1) / 0 – 14.8 (0 – 23.8)
Reverse	Full reverse in any of the 6-speed ranges	
ENGINE		
Make & Model	Cummins Elite 6BTA5.9-C174	Cummins Elite 6BTA5.9-C174
Type	Tier II diesel	Tier II diesel
Rated Power @ 2,100 rpm – hp (kW)	184 (137)	184 (137)
BRAKES		
Service	Dynamic hydrostatic through propulsion system	
Secondary	Hand-actuated, hydraulic caliper / disc brake	
Parking	Independent spring applied, hydraulic release	
ELECTRICAL		
Electrical	12V, negative ground, (1) 1,150 CCA battery	12V, negative ground, (1) 1,150 CCA battery
Alternator	130 amps	130 amps
MISCELLANEOUS		
Fuel Capacity – gal (L)	50 (189.3)	50 (189.3)
Hydraulic Oil Capacity – gal (L)	42 (159)	42 (159)
Cooling System – qt (L)	26 (25)	26 (25)



▲ Four-bar linkage system

Improve productivity and smoothness with non-stop paving

Every day, contractors are challenged with meeting tighter regulations and more stringent job requirements. The Ingersoll Rand MC-330, with optional equipment, can provide nearly 50 tons of material surge capacity, allowing contractors to pave continuously. The MC-330 also enhances smoothness by eliminating improper exchanges between pavers and delivery trucks.





Experience the power of Ingersoll Rand construction and road building equipment, industry-leading support and service. Whatever your job, Ingersoll Rand has the solution from pavers and compactors, portable air compressors, light towers and generators, earthmoving equipment, material handlers, concrete equipment to attachments. Running a successful business takes more than powerful equipment. That's why Ingersoll Rand partners with an experienced global dealer network to stand beside you every step of the way.

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