

**PLAN OF OPERATIONS
FOR
PIERSON CONCRETE PLANT
DENNIS TOWNSHIP, NJ**

Hours of operation: 6:00 a.m. until 6:00 p.m., Monday – Friday (and an occasional Saturday). The plant will run approximately 280 days per year, weather permitting.

Employees: Three (3) to six (6) employees arrive on-site in their personal vehicles at 6:30 a.m. In addition, there are currently five (5) employees at the site for mining operations.

Operations: Five (5) concrete plant employees are concrete mixer truck drivers, who would start the day checking their mixer trucks before proceeding to the plant to get loaded for the scheduled deliveries for the day. One (1) employee reports to the plant for inspection and start-up for the day. Another on-site employee would load materials from the storage bins into the plant aggregate bins for the day's concrete demand. This employee would also maintain the cement in the silos, pneumatically transferring cement from a cement delivery trailer into the cement silo, which is fitted with a filter vent to control dust and air quality.

Concrete trucks are loaded under the load-out chute and are washed down before departing the facility to a job site. Depending on the scheduled demand, trucks could load once for the entire day, or return for additional loads. In addition to the 3 to 6 concrete trucks based on-site, trucks from other Pierson plants could assist with the daily workload, as needed, for larger jobs.

Dump trucks delivering aggregate to the storage bins for the concrete plant are already coming to the site for gravel pit material, since it is inefficient for trucks to run empty, so this will not generally create additional truck traffic on-site or on local roads.

Plant Capacity: The MCG-11T Mobile Combo Transit Mix Plant (see attached) by Erie Strayer has a design production capacity of 228 CY/hr. This assumes non-stop discharge into delivery trucks throughout the hour, at a rate of 3 minutes per load. Realistic load times are about twice that, i.e., approximately 6 minutes per load (130 – 140 CY/hr), allowing time for trucks to position under the delivery chute, load and depart from the loading area before the next truck can move into position to load.

The plant will provide concrete primarily for residential construction, with occasional commercial construction demand. Concrete truck capacity is 11 CY, but trucks carry 8 – 9 CY (avg). With all 6 trucks running, at 10 trips a day each, approximately 660 CY (max) could be processed. This would be an exceptional day, for a large commercial construction project. Anticipated typical daily production through-put is only 100 CY / day (avg).

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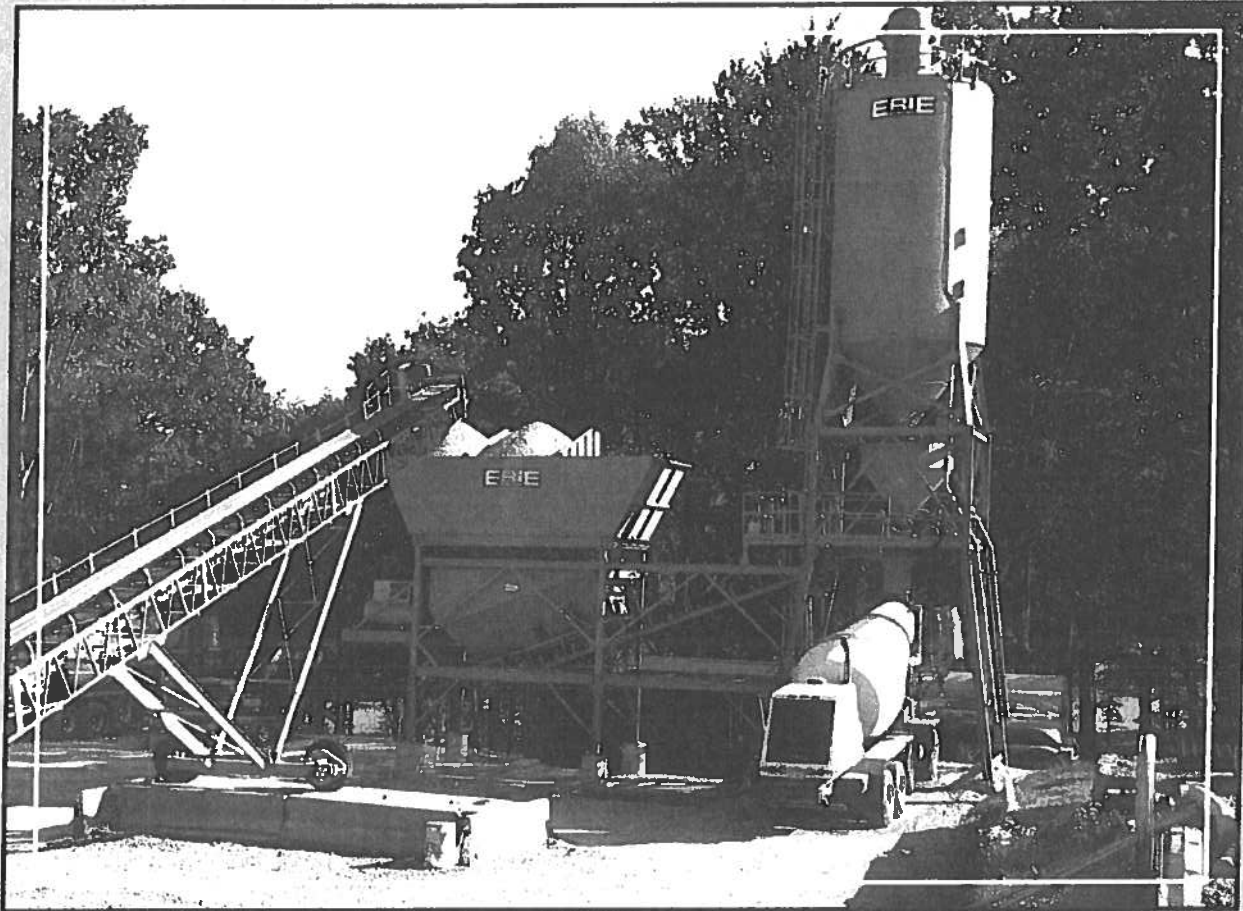
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ERIE
STRAYER

MCG-11T

Mobile Combo Transit Mix Plant



Rugged. Reliable. Respected.

- 228 CU YD/HR PRODUCTION*
- LOW MAINTENANCE COSTS
- HIGH QUALITY CONCRETE
- CONSISTENT BATCHES

- FAST SETUP / TEARDOWN
- UNITIZED CONSTRUCTION
- STANDARD COMPONENTS
- DEPENDABLE OPERATION

- The **ERIE MCG-11T** brings high plant production to all of your mobile ready mix requirements.
- The rugged, single piece mobile design allows quick setup and same day operations.
- Plant operation personnel find all components quickly accessible and easily maintained.
- Ready mix producers count on the **MCG-11T** for the challenges of a competitive mobile market.

www.eriestrayer.com

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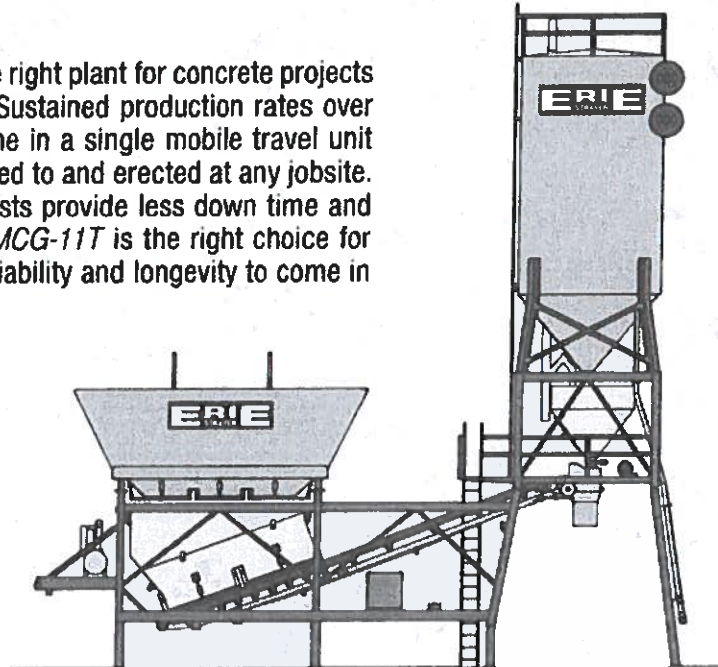
ERIE

STRAYER

MCG-11T

Mobile Combo Transit Mix Plant

The *ERIE MCG-11T* is the right plant for concrete projects & ready mix operations. Sustained production rates over 200 cu yds per hour come in a single mobile travel unit which can quickly be towed to and erected at any jobsite. Reduced maintenance costs provide less down time and greater profitability. The *MCG-11T* is the right choice for producers who expect reliability and longevity to come in one package.



STANDARD CONFIGURATION**

- Single mobile travel unit
- 20 cubic yard, 3 compartment aggregate bin
- 12 cubic yard aggregate and cement batcher
- Load cell scale system with stainless steel summing box
- Silent rotary turbine vibrators
- Test weight hangers
- Cement silo and batcher aeration system
- 30" batch transfer conveyor
- 20 HP Dodge TXT 415 shaft mount reducer
- 500 bbl single compartment cement silo
- 4" air loading pipe
- Truck charging chute
- 3" Badger electronic water meter
- 10 HP Ingersoll-Rand air compressor
- UL / CSA certified plant motor control panel
- Factory wiring, piping, and plumbing
- Manual control panel

***Consult factory for complete listing*

**Estimated production based on industry standards; consult factory for details*

OPTIONAL FEATURES**

- 50, 80, 100, and 150 cubic yard aggregate bins
- 2 - 8 aggregate bin compartments
- AR-400 steel and *Erthane* bin and batcher liners
- 36" batch transfer conveyors
- 600 bbl cement silos
- 2 compartment silo with double wall divider
- Additional 4" and 5" air loading pipes
- Internal cement silo dust ducts
- 290, 500, and 600 bbl cement silos
- 10" and 12" scrow conveyors
- 3" dust return line
- Electromagnetic flowmeter
- 15-30 HP air compressors
- 4 ½ HP aeration blowers
- Plant maintenance platforms
- Access ladders and walkways
- ERIE Scout computer control system
- Hydronix *Hydro-Probe II* microwave moisture system
- C&W central dust collection and filter vent systems
- Bin charging conveyors
- Aggregate ground hoppers
- Automatic aggregate handling panel



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