



Compartment / 102.0 Ton Renegade Concrete Plant

- * Heavy Duty Structural Support
- * (3) Decumulative Aggregate Bins / 102.0 Tons
- * 30" x 22'-0" / 10 H.P. Horizontal Conveyor
- * 36" x 42'-0" / 25 H.P. Inclined Conveyor
- * 60.7 Ton Cement Silo
- * 5 H.P. Hydraulic "Self Erection" Package / Leveling Jacks
- * 5" Integrated Fill Line
- * High Bin Level Indicator / Cement Silo
- * Low Bin Level Indicator / Cement Silo
- * Integrated Safety Ladder
- * Telescopic Handrails / Silo Top
- * 14.0 Cubic Yard Accumulative Cement Batcher / Integrated Air Slide Discharge
- * 10 H.P. / 80 Gallon Air Compressor
- * Weighed Water System
- * Integrated Fifth Wheel / Service Deck
- * Double Axle Transportation System

Renegade "Upgrade" Package

- * 30'-0" Gooseneck Trailer
- * 8'-0"x 8'-0" Control House
- * Alkon Commandbatch RM100 Computer Control / Printer
- * RAB-1100 Central Dust Collector
- * 7.1/2 H.P. Automatic Recycle System / 6" Vane Feeder

Listed below, you will find the specifics on the equipment listed above.
If you have any further questions, please contact us at, 1-325-643-1455.

3/102 Renegade

Complete single unit, movable with one truck.
Designed for fast job-site set up.

Aggregate Section:

Sand Storage - Heaped Volume: 25.4 Cubic Yards / 34.3 Tons

Aggregate Storage #1 - Heaped Volume: 25.4 Cubic Yards / 34.3 Tons

Aggregate Storage #2 - Heaped Volume: 24.9 Cubic Yards / 33.6 Tons

Total Storage - Heaped Volume: 75.7 Cubic Yards / 102.2 Tons

Structural Support Frame:

* Support frame is all welded, heavy duty tubular and wide flange steel.

* (10) support screw jacks.

3/102 Renegade - Aggregate Section:

* Three decumulative hoppers constructed with heavy duty 1/4" plate construction.

* Each hopper has hinged wing extensions for material cross-contamination protection and additional storage capacity.

* Each hopper has a single discharge gate with replaceable grease type pivot-pins, brass bushings and precision cut gears, per compartment.

* (1) 4" x 8" air cylinder and solenoid for each hopper.

* (1) proximity switch confirms the gate is closed.

* (1) piston type vibrator, mounted on the rear of the sand batcher.

* Rated scale capacity of 90,000 lbs. with (4) 30K compression style load cells and summing box.

* Test weight hangers installed at the factory.

* Air hose and fittings are factory installed from the solenoid valves to the aggregate gates.

30" x 22'-0" Horizontal Feed Conveyor:

* Rated at 350 F.P.M. / 1000 T.P.H.

* Channel frame steel construction.

* Integrated support structure with the structural support.

* 10 H.P.TEFC - direct drive motor with reducer.

* Rubber lagged head pulley with drive shaft and pillow block bearings.

* Wing type pulley with shaft and wide-slot type bearing take-ups.

* 4" CEMA "B" / 45 degree sealed idlers on 4'-0" centers.

* 4" CEMA "B" return rollers on 10'-0" centers.

* Belting is 2-ply with 3/16" top cover and 1/16" bottom cover.

* Safety features include a tail pulley guard and safety trip switch with cable up one side of the charging conveyor.

36" x 42'-0" Inclined Conveyor:

* Rated at 350 F.P.M. / 1000 T.P.H.

* Channel frame steel construction.

* 25 H.P.TEFC direct drive motor with reducer and backstop.

* Rubber lagged head pulley with drive shaft and pillow block bearings.

* Wing type pulley with shaft and wide-slot type bearing take-ups.

* 4" CEMA "B" / 35 degree sealed idlers on 4'-0" centers.

* 4" CEMA "B" return rollers on 10'-0" centers.

* Belting is 2-ply with 3/16" top cover and 1/16" bottom cover.

* 36" discharge head includes a water inlet, (6) admix ports, shroud and integrated belt wiper.

* Safety features include a tail pulley guard and safety trip switch with cable up one side of the charging conveyor. * Conveyor folds downward for travel position.

3/102 Renegade Cement Silo Capacity

Silo capacity - 1640 Cubic Feet / 60.7.0 Tons,

Capacities are based on a cement weight of 74.0 lbs per cubic foot.