

R & S Industries, Inc Renegade Mobile Concrete Plant



The Renegade is a highly mobile concrete batch plant designed for companies which require fast self-erecting equipment.



Renegade in travel position with fifth wheel, dual axles, air brake system and travel lights.



Three aggregate storage / weight bins. Bins include swing-up heap plates and vibrator on sand bin.

30" horizontal belt conveyor feeding a 36" incline mixer charging belt conveyor.



Ten heavy-duty leveling jacks which swing up for travel.

Steel landing pads are removed and stored in furnished storage box.



Rear view of plant with air compressor, landing pad storage box and hydraulic power unit.

Note: Parts are protected from material spillage by metal cover.

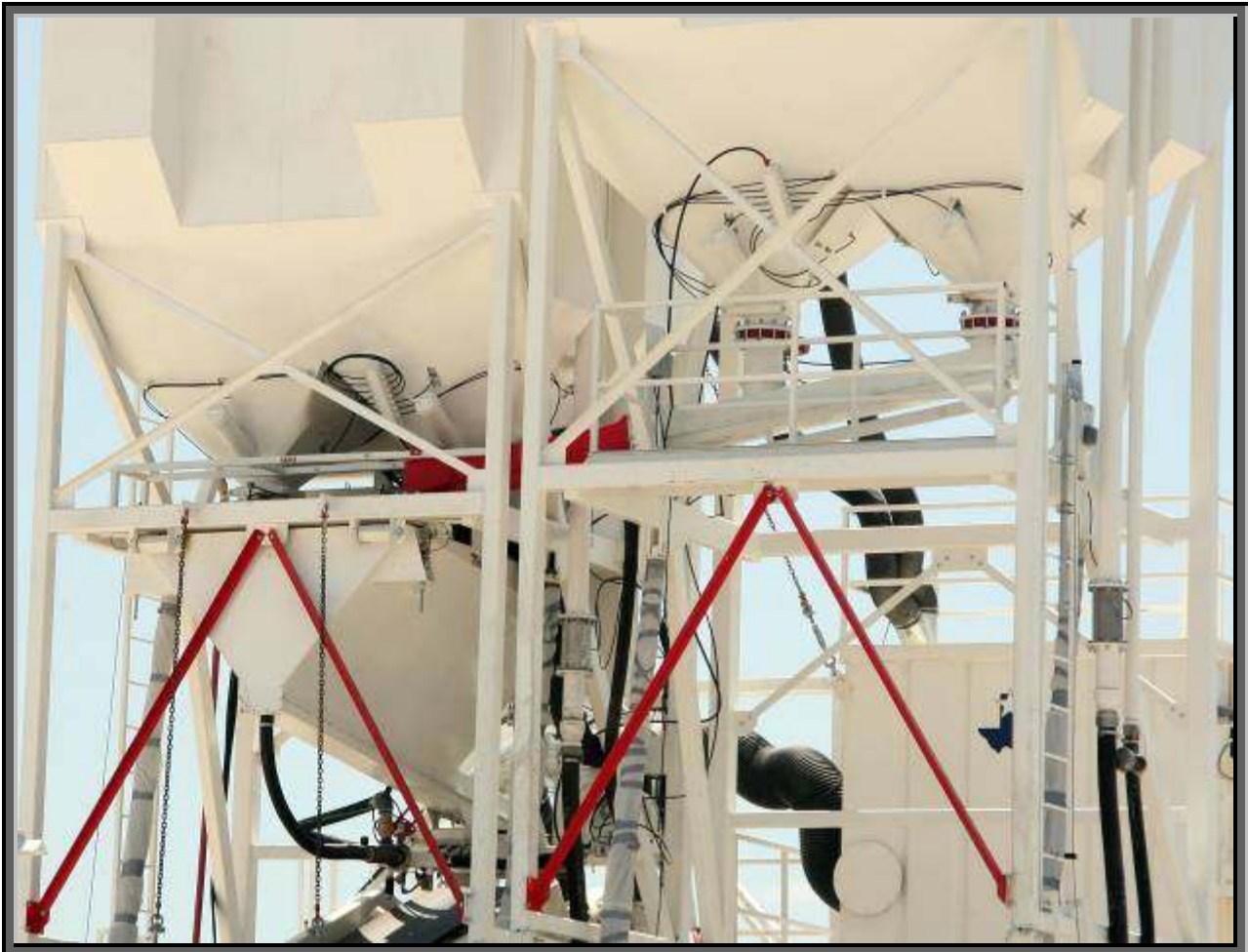


Enclosure for air valves with safety valves which isolate each solenoid for quick repair if needed.

Solenoids are wired to central terminal to ease of service.



Hydraulic plant leveling system with control valves for each jack and one control valve for raising and lower both silos.



The cement batcher is equipped with an air slide discharge system which allows for a quick and even discharge. Both the cement batcher and auxiliary silo air slide are supplied air from a 5HP aeration blower.



The water system includes 2" water pump with 7.5HP drive, integrated 500 gallon water surge tank with inlet / outlet butterfly valves also automatic float switch and integrated 500 gallon water weigh batcher with outlet butterfly valve and load cells.



The Renegade fifth wheel system converts to a safety deck for servicing the truck charging conveyor head section, aeration blower and manifold and cement / water batcher discharge gates. It also acts as the truck dust shroud with main ducting pre-installed at factor, so the only field installation is flex ducting to central dust collector, and one end of flex duct from cement batcher. This system is raised and lowered by a factor installed hydraulic wench.



Fifth wheel system ready to raise into operating position. Note: Conveyor discharge head, handrails and dust ducting pre-installed.

Renegade Auxiliary Silo Trailer

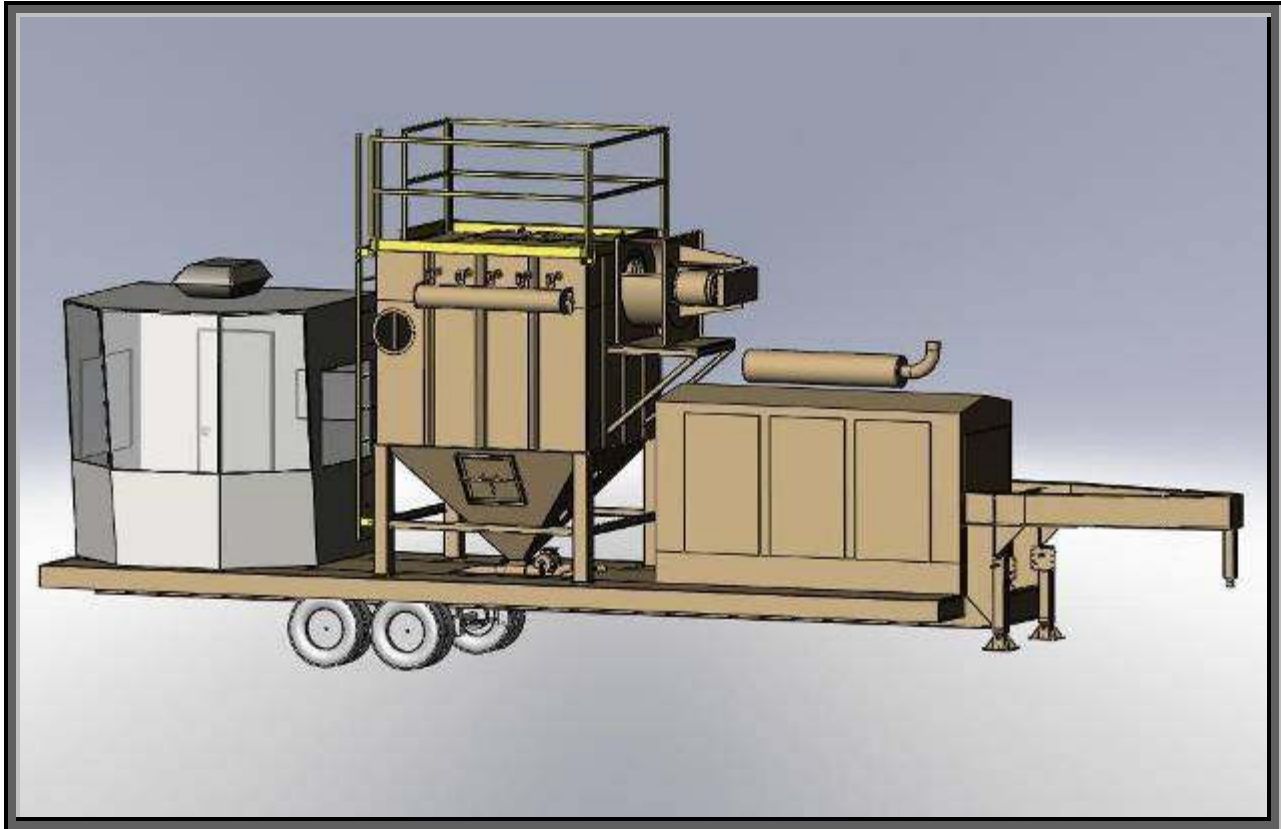


Auxiliary silo includes hydraulic self-erecting system, telescoping silo top handrails and cross-over stairway, pre-mounted air-slide, safety deck for servicing cone area of silo. Pre-installed dust collecting ducting, bin level indicators and material fill line.



Auxiliary silo in travel position with fifth wheel, single axle, air brake system and travel lights.

Optional Auxiliary Equipment Trailer



Equipment trailer which includes the control room, central dust collector and generator pre-mounted and wired. Power, control and scale cable ready to plug into main plant and auxiliary silo also included.

Note: Other arrangements including mounting the dust collector and generator on auxiliary silo trailer may also be available.

Aggregate Section	Capacity Cubic Yards / Tons	Weigh Capacity / Lbs	Air Vibrator	Discharge Gate with Inching valve & Pox Switch	Heap Plates
Sand Bin / Batcher	25.4 / 34.3	N/A	Yes	Yes	Yes
Aggregate Bin #1	25.4 / 34.3	N/A	Optional	Yes	Yes
Aggregate Bin #2	24.9 / 33.6	60,000	Optional	Yes	Yes

Aggregate Transfer Conveyors	Capacity Tons Per Hour	FPM	Motor HP	Safety Trip Switch
30" x 30' Horizontal	1000	350	10	Yes
36" x 35' Truck Charging	1000	350	25	Yes

Cement Section	Capacity / Cubic Foot / Yards	Weigh Capacity / Lbs	Motor HP	Discharge Valve Size	Clean out Port Size
Main Silo	1640	60.7 Tons	N/A	(2) 10"	5"
Auxiliary Silo	1640	60.7 Tons	N/A	(2) 10"	5"
Weigh Batcher	14 yds	10,000	N/A	10"	N/A

Water System	Capacity / Gallons	Weigh Capacity / Lbs	Motor HP	Discharge Valve Size
2" Water Pump	160 GPM	N/A	7.5 hp	N/A
Surge Tank	500	N/A	N/A	6"
Weigh Batcher	500	4,000	N/A	6"

Air Systems	Tank Capacity / Gallons	Motor HP
Air Compressor	120	10
Aeration Blower	N/A	5

Operational Dimensions & Weights	Height	Width	Length
Aggregate Bin Charging Height	12'-11"	9'-11"	11'-5"
Main Silo Overall Height	44'-2"	12'-3"	81'-7"
Auxiliary Silo Overall Height	51'-7"	11'-11"	23'-3"
Auxiliary Equipment Trailer	Depends on equipment	Depends on equipment	Depends on equipment

Travel Dimensions & Weights	Height	Width	Length	Weight King Pin	Rear Axle(s)
Main Plant	13'-8"	11'-11"	79'-9"	35200	31900
Auxiliary Silo	13'-6"	11'-11"	38'-5"	13200	8800
Auxiliary Equipment Trailer	13'-4"	8'	38'-4"	Approx. 20000	Approx. 20000