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SAND HEATERS:

DCR'S: Sand heaters are all self contained with a rotary drum, feed hopper, slinger conveyor, seal burner assembly and controls mounted on a portable 16 inch H-Beam frame.

DCR has the ready mix supplier in mind by designing the best equipment for the least amount of money with the latest technology.

Sand heating:

The DCR Sand heater provides a more consistent blend, eliminating lumps, improves plant flow, which enhances the concrete mixes. This also improves plant capacity, lowers maintenance and labor costs. Hot sand has a longer retention of heat which mean more customers at a greater distance. Hot sand uses less energy than water and makes it easier to meet concrete specifications for



Drum:

A drum rolled of high strength steel and special flight design to provide peak performance for the ready mix supplier. The drum is driven by DCR patented rubber tire drive system which reduces horse power, maintenance, and won't slip on frosty mornings. The drive system works like a 4 wheel drive pickup to give maximized traction.

MODEL	SD-90	SD-150	SD-250
CAPACITY	90 TONS	150 TONS	250 TONS
DRUM SIZE	54" by 14ft	66" by 18ft	72" by 20ft
DRUM HP	(2) 7.5 HP	(2) 10 HP	(2) 15 HP
BURNER	5 MBTUS/HR	10 MBTUS/HR	14 MBTUS/HR
BLOWER	3 HP	7.5 HP	10 HP
GAS TRAIN	NG, PROPANE	NG, PROPANE	NG, PROPANE



those tough jobs.

Burner:

A sealed-in burner with a 120 degree temp raise so even on cold days a contractor can meet production rates. All sand heaters are set to run on natural gas, or vapor propane with optional Fuel Oil. The direct drive blower with 12 oz pressure uses less horsepower with more heat retained in the rotary drum. Burner control system strokes burner from low fire to max fire. This with variable frequency drive on feed hopper give a wider range of control for the contractor.

Feed Bin:

A 12 foot by 7 foot bin only 6 feet deep with a 60 degree side slope. A 4 inch grate mounted on top keep frozen chunk from plugging the feed belt.

A 24 inch wide belt with a 10 inch lagged head pulley for sure flow is controlled by a 3 hp ac motor and a variable frequency provides for a wide range of feed ratios for better temp control. A self-cleaning tail pulley with manual adjustment on take up bearings is provided.

Sling Conveyor:

A 24 inch wide belt with a 10 inch lagged head pulley for sure traction and a self-cleaning tail with manual adjustable take ups bearings. A direct drive gearbox with a 2 horsepower motor increases safety and decreases maintenance.

Electrical:

All Breakers and Starter including discharge conveyor (sized to customers conveyor) are Square D. Includes a v/f (variable frequency) drive on drum and feed hopper. Electrical mounted in cabinet on main frame with stop/ start buttons mounted on cabinet.

BIN CAPACITY	15 TONS	15 TONS	15 TONS
BIN BELT FEEDER	2 HP V/F DRIVE	2 HP V/F DRIVE	3 HP V/F DRIVE
INLET CONVEYOR	2 HP	5 HP	5 HP
AXLES	ONE	ONE	ONE
TIRES	(4) 11:R22.5	(4) 11:R22.5	(4) 11:R22.5
BRAKES	AIR	AIR	AIR