

SPECIFICATIONS
ROSS STANDARD MODEL RUSTLER II BATCH PLANT

THEORETICAL CAPACITY: 160 YARDS PER HOUR.

AGGREGATE SECTION

HEAPED VOLUME: 51.8 CU. YD. (70.0 TONS) OVERHEAD STORAGE CAPACITY IN THREE EQUAL COMPARTMENTS. EACH COMPARTMENT INCLUDES ONE CLAMSHHELL TYPE CHARGING GATE WITH 4" AIR CYLINDER AND ELECTRIC SOLENOID. EACH COMPARTMENT HAS THREE OPENINGS.

THE UPPER AGGREGATE STORAGE SECTION IS HINGED AND FOLDS DOWN FOR TRAVEL.

12 CU. YD. AGGREGATE BATCHER WITH 40,000# X 40# GRADUATION DIAL SCALE. BATCHER INCLUDES ONE CLAMSHHELL TYPE DISCHARGE GATE EQUIPPED WITH TWO 4" AIR CYLINDERS AND ELECTRIC SOLENOID. ELECTRIC VIBRATOR CONTROLLED FROM MAIN CONTROL PANEL.

30" X 38'-10" INCLINE CONVEYOR WITH 15 H.P. T.E.F.C. MOTOR, ELECTRIC DRIVE SYSTEM, LAGGED HEAD PULLEY, WING TYPE SELF-CLEANING TAIL PULLEY, 4" 35 DEGREE DEEP TROUGH SEALED BEARING IDLERS, RETURN IDLERS, BELTING, TAIL PULLEY SAFETY GUARD, AND DISCHARGE HEAD. 350 F.P.M. BELT SPEED - 675 T.P.H. CAPACITY.

7 1/2 H.P. AIR COMPRESSOR WITH 80 GALLON STORAGE TANK, AIR LINE OILER, FILTER, PRESSURE REGULATOR, AND PRESSURE CONTROL SWITCH.

3" BADGER WATER METER FOR HOT OR COLD WATER COMPLETE WITH VALVES, AND CONTROLS.

CEMENT SECTION

SILLO GROSS AIR VOLUME: 1,410 CUBIC FEET, 52.2 CUBIC YARDS, 52.2 TONS.

MAXIMUM CAPACITY - 352 BARRELS
MINIMUM CAPACITY - 293 BARRELS

SILLO AND INCLINE CONVEYOR FOLD DOWN FOR TRAVEL.

SILLO INCLUDES SAFETY RELIEF VALVE, ONE 4" PNEUMATIC RECEIVING SYSTEM AND AERATION SYSTEM.

TWO 9" X 24'-1" CEMENT CHARGING SCREWS WITH 10 H.P. ELECTRIC DRIVES FOR CHARGING CEMENT BATCHER FROM BOTTOM OF SILLO.

12 CU. YD. CEMENT BATCHER WITH 10,000# X 10# GRADUATION DIAL SCALE.

BATCHER COMPLETE WITH 3 H.P. VARIABLE SPEED METERING DISCHARGE SCREW AND AIR VIBRATOR.

*SPECIFICATIONS SUBJECT TO CHANGE WITHOUT NOTICE.
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ROSS COMPANY - BROWNWOOD, TEXAS

GENERAL SPECIFICATIONS

THE POWER CONTROL PANEL IS COMPLETE WITH ALL STARTERS, SWITCHES, AND MAIN DISCONNECT WITH EVERY ITEM WIRED COMPLETE TO WEATHERHEAD POWER SOURCE CONNECTION. MOST WIRING IS IN CONDUIT.

TOTAL HORSEPOWER REQUIRED - 45 1/2.

ALL WATER PIPING AND AIR PIPING FACTORY INSTALLED.

THIS PLANT IS A COMPLETE UNIT ON TANDEM AXLES AND MOVES BY ONE TRUCK-TRACTOR.

ERECTION OF PLANT SILLO AND INCLINE CONVEYOR IS ACCOMPLISHED BY RAISING WITH A CRANE. FRONT LEGS ARE HINGED AND BOLT IN PLACE.

TRANSPORTATION SYSTEM

TRANSPORTATION SYSTEM CONSISTS OF TANDEM AXLES WITH 9:00 X 20 DUAL WHEELS AND AIR BRAKES. KING PIN AND RUB PLATE FOR FIFTH WHEEL CONNECTION.

PLANT DIMENSIONS

OVERALL LENGTH, OPERATING POSITION	48' - 4"
OVERALL LENGTH, TRAVEL POSITION	52' - 0"
TRAVEL WIDTH	11' - 11"
TRAVEL HEIGHT	14' - 6"
DISCHARGE HEIGHT	12' - 0"
OVERHEAD BIN CHARGING HEIGHT	18' - 3"
WEIGHT (APPROXIMATE)	48,900#

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