

I. Design Specification Sheet

CUSTOMER: QUALITY STEEL FOUNDRIES LTD.

CUSTOMER P.O. NUMBER: 28075-03

KLOSTER JOB NUMBER: MS-7754

KLOSTER QUOTE NUMBER: 07245-1

DESCRIPTION: SERIES 81 IN LINE, BARREL TYPE ROLLOVER DRAW

KLOSTER PROJECT ENGINEER: ALAN L. WILCOX

POWER AND VOLTAGES: MAIN - 575V/3 ϕ /60HZ

CONTROL - 115V/1 ϕ /60HZ

(REFER TO JOB NUMBER MS-7756 FOR CONTROLS)

CAPACITY: 8500#

DAY LIGHT: 60"

EFFECTIVE DAY LIGHT: 46 1/2"

MINIMUM CLAMP HEIGHT: 20"

DRAW TRAVEL: 40"

CLEAR WIDTH: 62"

DRUM DIAMETER: 114"

CONVEYOR HEIGHT FROM FLOOR: 32" WITH 1" GROUT AND 9" DEEP PIT

MAXIMUM PATTERN BOX HEIGHT: 26"

MAXIMUM MOLD HEIGHT: 24 1/2"

PATTERN CARRIER SIZE: 54" x 76"

BOTTOM BOARD SIZE: 54" x 76"

FLANGED WHEEL CONVEYOR WIDTH: 31"

CONVEYOR WHEELS: 4 3/4" ϕ ON VARIOUS CENTERS

CONVEYOR LENGTH: 84"

CONVEYOR SPEED: 36 FT/MIN

AIR REQUIREMENT: 1/2" AIR LINE, 90 PSI FILTERED AND OILED
- NOMINAL CFM FOR AIR VALVE

HYDRAULIC PRESSURE -

ANTICIPATED SYSTEM PRESSURE - 1050 PSI

MAXIMUM SYSTEM PRESSURE - 1100 PSI