


12 WHEEL STRUCTURAL MONORAIL MACHINE

MACHINE VOLTAGE 575/3/60 LIGHTING & CONTROL VOLTAGE: 120V. 

APPLICATION

THE EQUIPMENT IS DESIGNED TO CLEAN VARIOUS STRUCTURAL SHAPES, CASTINGS, SUB-ASSEMBLY, AND ASSEMBLY WELDMENTS PRIOR TO AND AFTER FABRICATION.

WORK ENVELOPE: 6'-6" X 8'-0" HIGH

PASS HEIGHT: 9' ABOVE FIN. FLOOR WITH A 4'-9" DEEP PIT

NOTE: PARTS MUST BE DRY AND FREE OF ALL OIL AND GREASE.

NOTE

BLAST PATTERN OPTIONS

1 12 WHEEL POST-BLAST - WHEELS 1 TO 12
(6'-0" WIDE X 8'-0" HIGH FOR WELDMENTS & SUB-ASSEMBLIES)

2 8 WHEEL POST-BLAST - WHEELS 1 TO 8
(6'-0" WIDE X 8'-0" HIGH FOR SUB-ASSEMBLIES)

3 4 WHEEL POST-BLAST - WHEELS 9 TO 12
(4'-6" WIDE X 4'-0" HIGH FOR SMALL WELDMENTS & COMPONENTS)

MIN. PASS HEIGHT:
HAUTEUR MINIMUM

SPECIFICATIONS OF COMPONENTS

575 VAC/3 PHASE/60 HERTZ

AUTOBLAST WHEELS

TOTAL QTY = 12
HP EACH = 25 HP @ 1800 RPM, HI EFF.
WHEEL DIA. = 26"
THROWING CAP. EACH = 590 LB/MIN.
THROWING CAP./SIDE = 3540 LB/MIN.
THROWING CAP. TOTAL = 7080 LB/MIN.

13' X 35' ELEVATOR

TOTAL QTY = 2
HP EACH = 5 HP @ 61 RPM
BUCKET SIZE/SPACING = 10" @ 9"
TOTAL CAP EACH = 7204 LB/MIN.

30" TWIN SEPARATOR

TOTAL QTY = 2
INCHES OF LIP EA. = 60"
CAP. AT 3540# = 59 LBS/IN PER MIN.

LOWER SCREW CONVEYOR

TOTAL QTY = 2
HP EACH = 5 HP @ 35 RPM, (FA77 DT100)
SCREW DIA. = 12" (DBLE FLIGHT'G, "AR" IN CABINET)
TOTAL CAP. EACH = 4038 LB/MIN. @ 40% LOAD'G

BALANCING CROSS SCREW CONVEYOR

TOTAL QTY = 2
HP EACH = 2 HP @ 32 RPM, (FA67 DT90)
SCREW DIA. = 12"
TOTAL CAP. EACH = 1770 LB/MIN. @ 35% LOAD'G

EXIT BOOTH LIGHTING

FIXTURES = 120 V SWING OUT
(OUTSIDE ACCESS)
POWER = 160 Watts X 4 BULBS
BULB TYPE = F40

WORK DOORS

TOTAL QTY = 4
TRAVEL = 43"
DOOR SPEED = 32.6 PPM
CLOSING TIME = 6.6 SEC
HP EACH = 1/2 HP