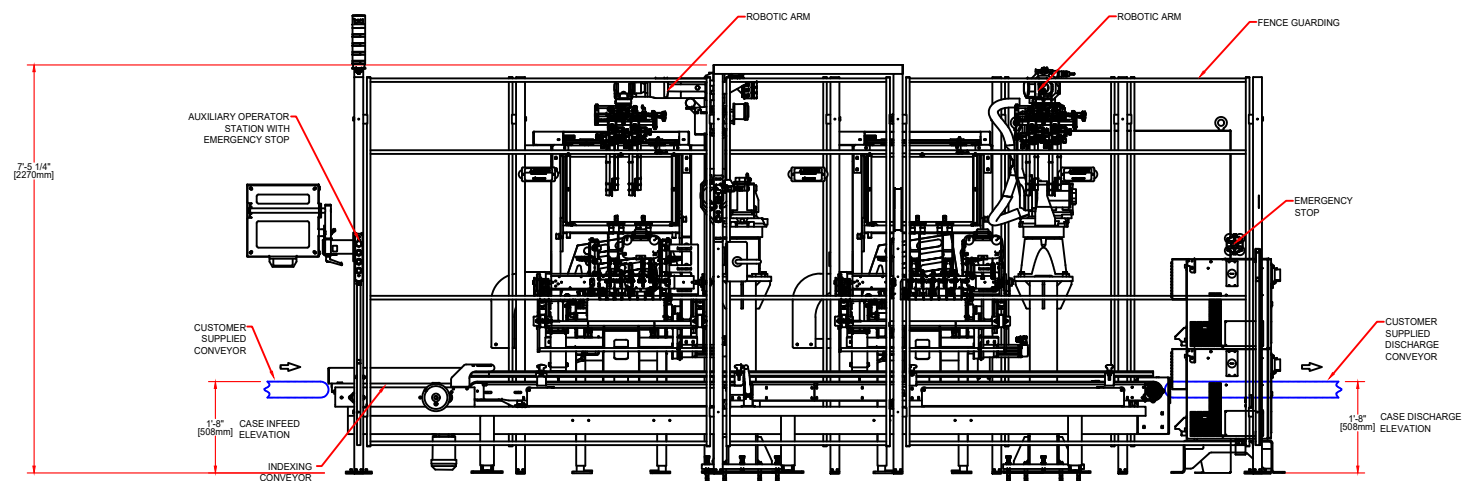


PLAN VIEW



ELEVATION VIEW

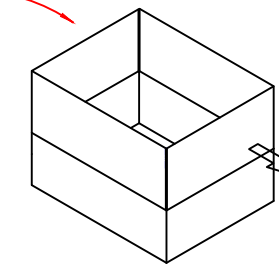
| SPECIFICATIONS | | | | | | | |
|----------------|---------------|---------------|-------------------|----------------|---------------|---------------|-------------------|
| CASE SIZE | | | | PARTITION SIZE | | | |
| | LENGTH | WIDTH | HEIGHT "B" (OPEN) | KD LENGTH | LENGTH | WIDTH "D" | HEIGHT "C" (OPEN) |
| MIN | 8.0" (203mm) | 5.0" (127mm) | 3.0" (76mm) | 8.0" (203mm) | 8.0" (203mm) | 4.0" (102mm) | 3.0" (76mm) |
| MAX | 24.0" (609mm) | 14.0" (356mm) | 14.0" (356mm) | 22.0" (559mm) | 16.0" (406mm) | 14.0" (356mm) | 14.0" (356mm) |

NOTE: MINIMUM PARTITION CELL DIMENSIONS ARE 2.25" X 2.25" TO ALLOW ROOM FOR VACUUM FINGERS

PROPRIETARY
NEITHER THIS DOCUMENT NOR THE INFORMATION CONTAINED THEREIN MAY BE REPRODUCED OR DISCLOSED TO ANYONE WITHOUT THE WRITTEN PERMISSION OF R.A. PEARSON CO.

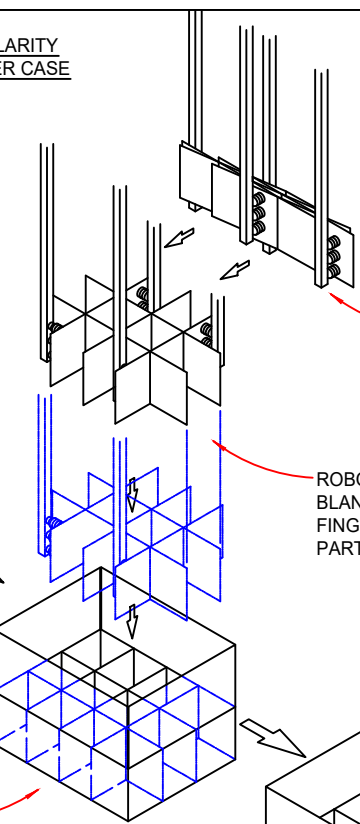
SINGLE ROBOT LOAD SEQUENCE IS SHOWN FOR CLARITY
TWO ROBOTS ARE ACTUALLY LOADING EVERY OTHER CASE

CASE IS INDEXED INTO THE CASE CONVEYOR



PARTITION IS INSERTED AS CASE IS CONVEYED PAST THE ROBOTIC ARM (CONTINUOUS MOTION INSERTING)

CASE WITH PARTITION INSERTED IS DISCHARGED



COLLAPSED PARTITION BLANKS ARE SINGULATED FROM MAGAZINE AND PRESENTED TO ROBOT

FINGERS WITH SUCTION CUPS ON ROBOTIC END OF ARM TOOL ATTACH TO PARTITION BLANK FROM BOTH SIDES

ROBOT PULLS PARTITION BLANK OUT OVER CASE AND FINGERS ROTATE, CAUSING PARTITION TO OPEN

PARTITION INSERTING SEQUENCE

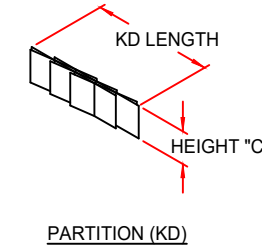
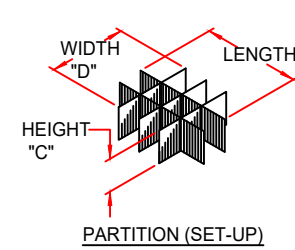
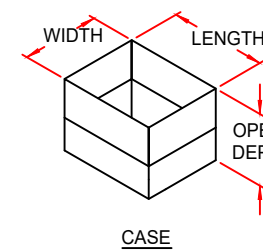
UTILITY REQUIREMENTS

AIR: 1.077 SCF/CYCLE @ 80 PSI
40.926 SCFM @ 80PSI @ 38 CASE/MIN

ELECTRICITY: 460 VAC, 3 PHASE, 60 Hz (STANDARD)
CIRCUIT BREAKER - 40 Amp

POWER REQUIREMENTS PROVIDED ARE FOR A BASE MACHINE AND CUSTOM OPTIONS MAY RESULT IN CHANGES.

ESTIMATED MACHINE WEIGHT = 5,400 LBS (2454 kg)



PRELIMINARY

(ALL DIMENSIONS ARE APPROXIMATE AND MAY VARY WITH FINAL DESIGN)

2' - 2 7/16" 672
DIMENSIONS ARE IN FOOT FRACTION INCH OVER MILLIMETERS.

| DATE | REVISION | REV. NO. | REV. BY | CHKD BY |
|----------|-----------------------------------|----------|---------|---------|
| 12/01/20 | UPDATE MAGZINE AND CASE CONVEYOR | | T.H. | |
| 3/20/19 | CORRECTED AIR CONSUMPTION CALLOUT | | K.A. | |

PEARSON PACKAGING SYSTEMS
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SPokane, WASHINGTON 99224
WWW.PEARSONPKS.COM

TITLE: RPI 38 ROBOTIC PARTITION INSERTER - DOUBLE (GENERIC)

DR. K.A. 9/5/18
CHKD. 1004860
APP. SCALE SHEET