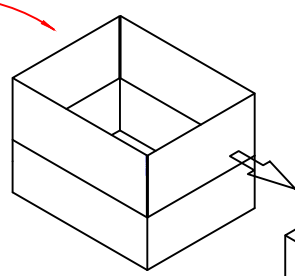


PLAN VIEW

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

CASE IS INDEXED
INTO THE CASE
CONVEYOR

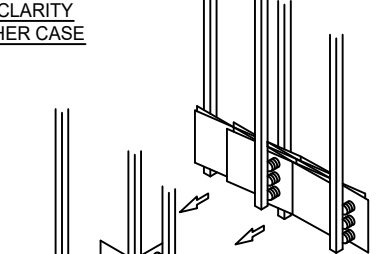


COLLAPSED PARTITION
BLANKS ARE SINGULATED
FROM MAGAZINE AND
PRESENTED TO ROBOT

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

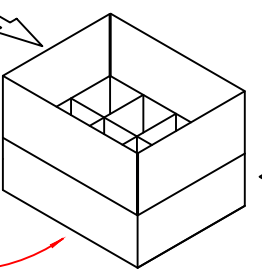
ROBOT PULLS PARTITION
BLANK OUT OVER CASE AND
FINGERS ROTATE, CAUSING
PARTITION TO OPEN

PARTITION INSERTING
SEQUENCE



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

CASE WITH PARTITION
INSERTED IS DISCHARGED



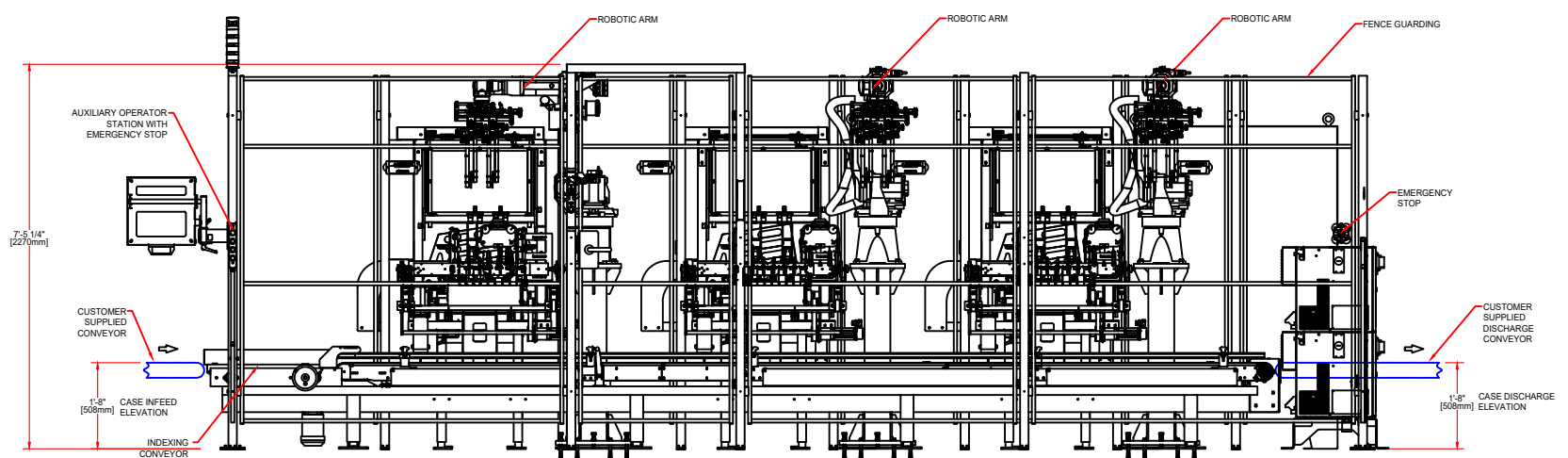
UTILITY REQUIREMENTS

AIR: 1.077 SCF/CYCLE @ 80 PSI
59.235 SCFM @ 80PSI @ 55 CASE/MIN

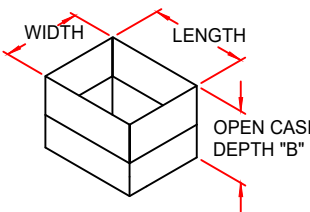
ELECTRICITY: 460 VAC, 3 PHASE, 60 Hz (STANDARD)
CIRCUIT BREAKER - TBD

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

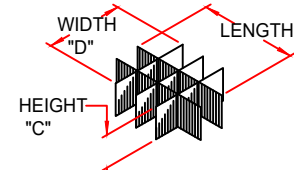
ESTIMATED MACHINE WEIGHT = 9,200 LBS (4091 kg)



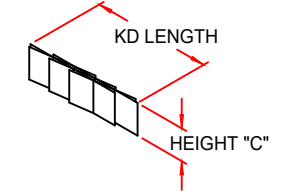
ELEVATION VIEW



CASE



PARTITION (SET-UP)



PARTITION (KD)

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

PRELIMINARY

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

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

2' - 2 7/16"
672

DIMENSIONS ARE IN
FOOT FRACTION INCH
OVER MILLIMETERS.

		8120 WEST SUNSET HIGHWAY SPokane, WASHINGTON 99224 WWW.PEARSONPKS.COM	
TITLE RPI 55 ROBOTIC PARTITION INSERTER - TRIPLE (GENERIC)		DR. K.A. 9/6/18	DWG NO. 1004896
CHK		APP.	SCALE
		SHEET	

PROPRIETARY
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