BAG RATES UP TO 120 BAGS PER MINUTE

HOW MANY BAGS ARE IN ONE LAYER OF THE BOX
BAGS PER LAYER (BPL)

THE G400-CE SPEED FACTORS:

#1) BOMBAY DOOR OPENINGS PER MINUTE (BDO/MIN) = 65 MAX
ONE BOMBAY DOOR OPENING = ONE LAYER OF BAGS IN THE CASE

#2) INDEXING BELT (INDB) INDEXES PER MINUTE (IND/MIN) = 120 MAX
ONE INDEX = ONE BAG

ONE BAG PER LAYER

SPEED FACTOR IS
BOMBAY DOOR OPENINGS (BDO/MIN)

1(BPL) X 65(BDO/MIN) = 65 (BPM)

MAX SPEED = 65 BAGS PER MIN

(TYPICALLY FOR LARGER BAGS THAT RUN SLOWER)

TWO BAGS PER LAYER

SPEED FACTOR IS
INDEXING BELT (IND/M)

65(BDO/M) X 2(BPL) = 130(BPM)
THIS EXCEEDS 120(IND/M)

60(BDO/M) X 2(BPL) = 120(BPM)

THREE BAGS PER LAYER

SPEED FACTOR IS
INDEXING BELT (IND/M)

65(BDO/M) X 3(BPL) = 195(BPM)
THIS EXCEEDS 120(IND/M)

40(BDO/M) X 3(BPL) = 120(BPM)

BAG RATES OF 120 TO 180 BAGS PER MINUTE

ADD HIGH SPEED BAG GROUPING CONVEYOR

HOW MANY BAGS ARE IN ONE LAYER OF THE BOX
BAGS PER LAYER (BPL)

THE G400-CE SPEED FACTORS:
#1) BOMBAY DOOR OPENINGS PER MINUTE (BDO/MIN) = 65 MAX
ONE BOMBAY DOOR OPENING = ONE LAYER OF BAGS IN THE CASE

#2) INDEXING BELT (INDB) INDEXES PER MINUTE (IND/MIN) = 120 MAX
ONE INDEX = ONE GROUP OF BAGS

ONE BAG PER LAYER

SPEED FACTOR IS
BOMBAY DOOR OPENINGS (BDO/MIN)

1(BPL) X 65(BDO/MIN) = 65 (BPM)

MAX SPEED = 65 BAGS PER MIN

(TYPICALLY FOR LARGER BAGS THAT RUN SLOWER)

TWO BAGS PER LAYER

SPEED FACTOR IS
BOMBAY DOOR OPENINGS (BDO/MIN

65(BDO/M) X 2(BPL) = 130(BPM)

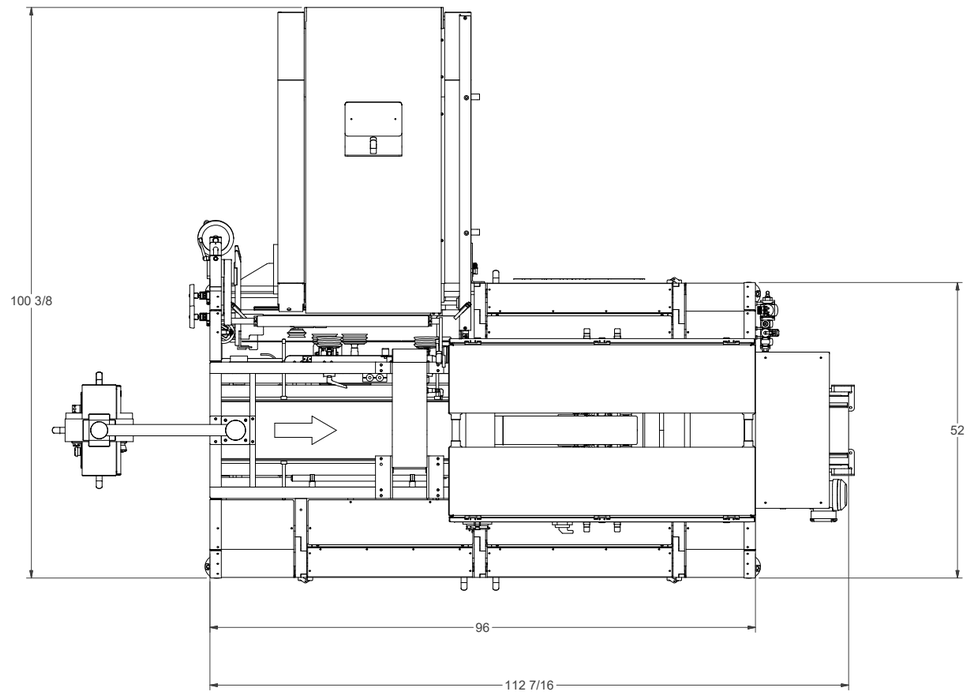
MAX SPEED = 130 BAGS PER MIN
WITH 2 BAGS PER LAYER

THREE BAGS PER LAYER

SPEED FACTOR IS
INDEXING BELT (IND/M)

65(BDO/M) X 3(BPL) = 195(BPM)
THIS EXCEEDS HIGH SPEED GROUPING CAPABILITIES

60(BDO/M) X 3(BPL) = 180(BPM)
MAX GROUPING IS 180 BAGS PER MINUTE



G400-CE STANDARD SPECIFICATIONS

*SUBJECT TO CHANGE AFTER VERIFICATION

STANDARD RSC CASE SIZE & PRODUCT SIZE RANGE
CASE LENGTH: MIN=10" MAX=22"
CASE WIDTH: MIN=6" MAX=14"
CASE BODY HEIGHT: MIN=4" MAX=12"
CASE BODY HEIGHT + OPEN TOP FLAPS: MAX ~ 20"
BAG LENGTH: MAX = 22"
BAG WIDTH: MAX = 16". SMALL AMOUNT OF OVERHANG COULD BE TOLERATED - CONSULT SALES

MAX CASE RATE = 14/MIN LIMITED BY CASE ERECTING

ELECTRICAL
460-480 VAC, 3-PHASE, 60 HZ, FUSED @ 30 AMPS

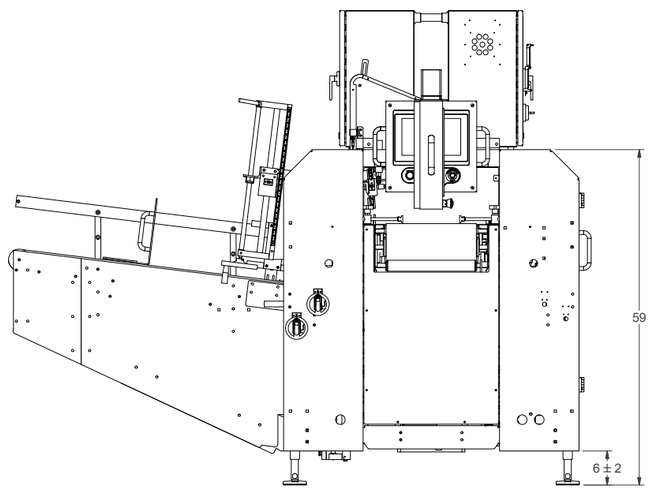
AIR
1/2" INLET, 5 CFM @ 80PSI

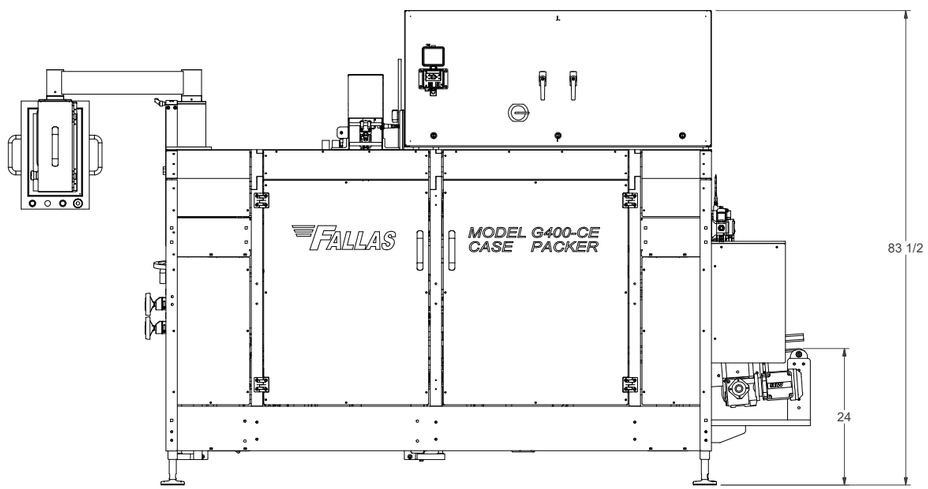
INTERNAL CASE CONVEYOR IS RAISED AND LOWERED TO MINIMIZE THE PRODUCT DROP DISTANCE INTO THE CASE

TOP OF CASE IS DATUM

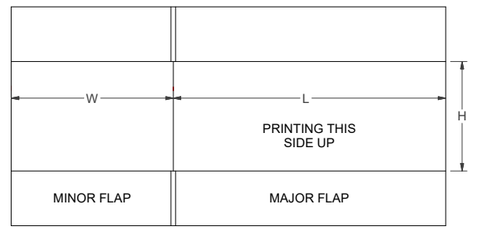
FULL CASE EXIT CONVEYOR IS REQUIRED AND IS INCLUDED IN COST OF MACHINE

- THE G400-CE CAN OPERATE UP TO 65 BOMBAY DROPS PER MINUTE (DEPENDING ON PRODUCT TYPE; SOME LIQUIDS COULD BE LESS THAN LOOSE FILLED SOLIDS)
- ONE BOMBAY DROP REPRESENTS ONE LAYER OF PRODUCT IN THE CASE. DROPPING ONE BAG PER LAYER EQUALS 65 BAGS PER MINUTE. IF THERE ARE TWO BAGS PER LAYER THE THEORETICAL MAX RATE IS 130 BAGS PER MINUTE (65 BOMBAY DOOR OPENINGS X 2 BAGS PER LAYER), HOWEVER THE STANDARD MACHINE IS CAPPED AT 120 BAGS PER MINUTE DUE TO THE INDEXING BELT MAX SPEED
- IF HIGHER SPEEDS ARE REQUIRED THEN ADD HIGH SPEED MODULE TO MACHINE INFEED. THIS MODULE POSITIONS BAGS INTO GROUPS (SEE **BAG RATES SECTION**)





CASE ORIENTATION FOR FALLAS
RIGHT HAND CASE ERECTOR



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PROJECT	DRAWN BY: DM
	APPROVED BY
TITLE: MODEL G400-CE CASE ERECTOR & PACKER	
DATE: 2/12/2026	DRAWING NUMBER: FP-G400CE
REV	JOB-SO#
	SHEET NO.: 1 of 1