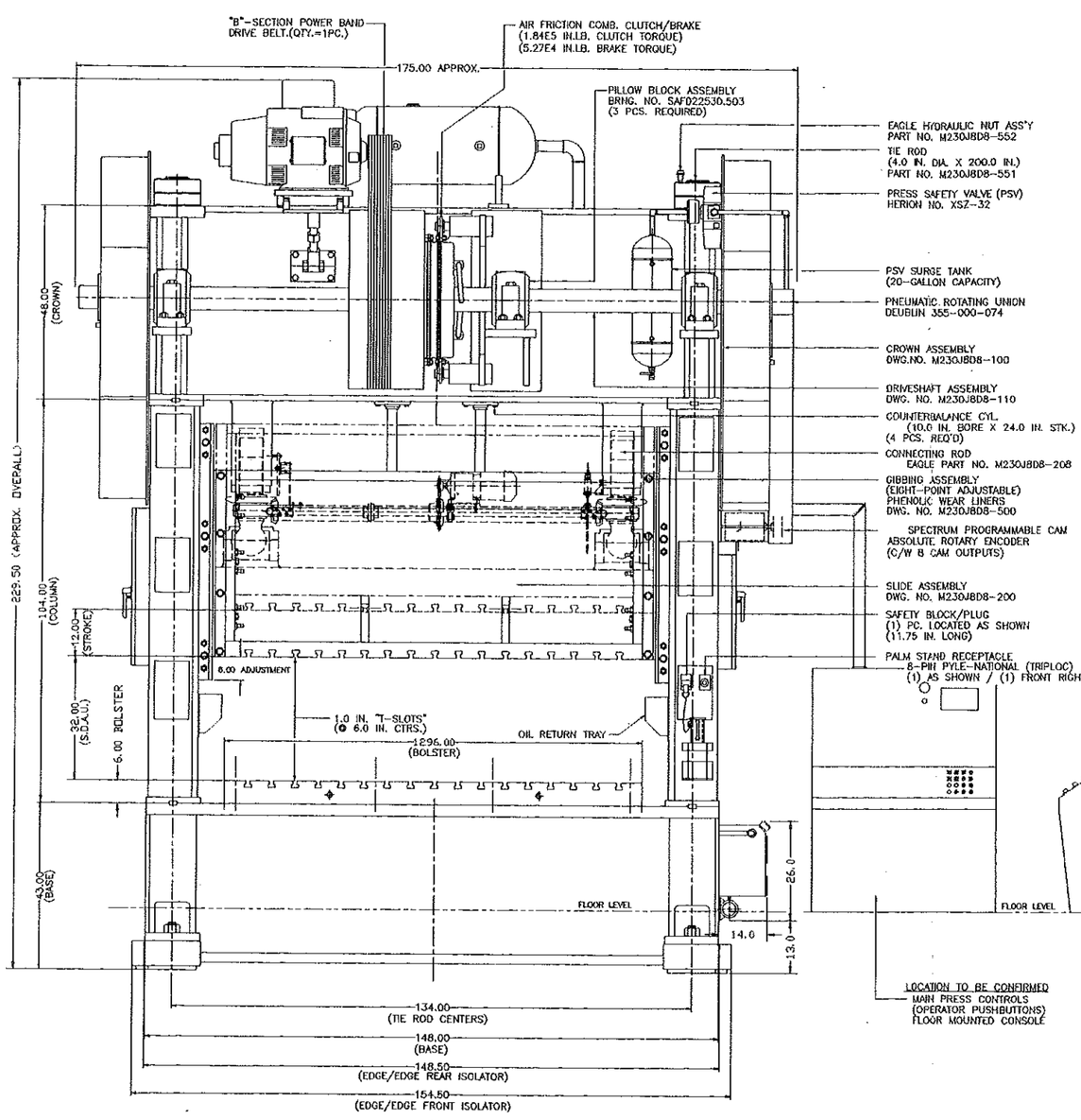
REVISIONS			
SYM.	DESCRIPTION	DATE	APPR'D
A	UPDATED AS PER APPROVAL DRAWING	950411	

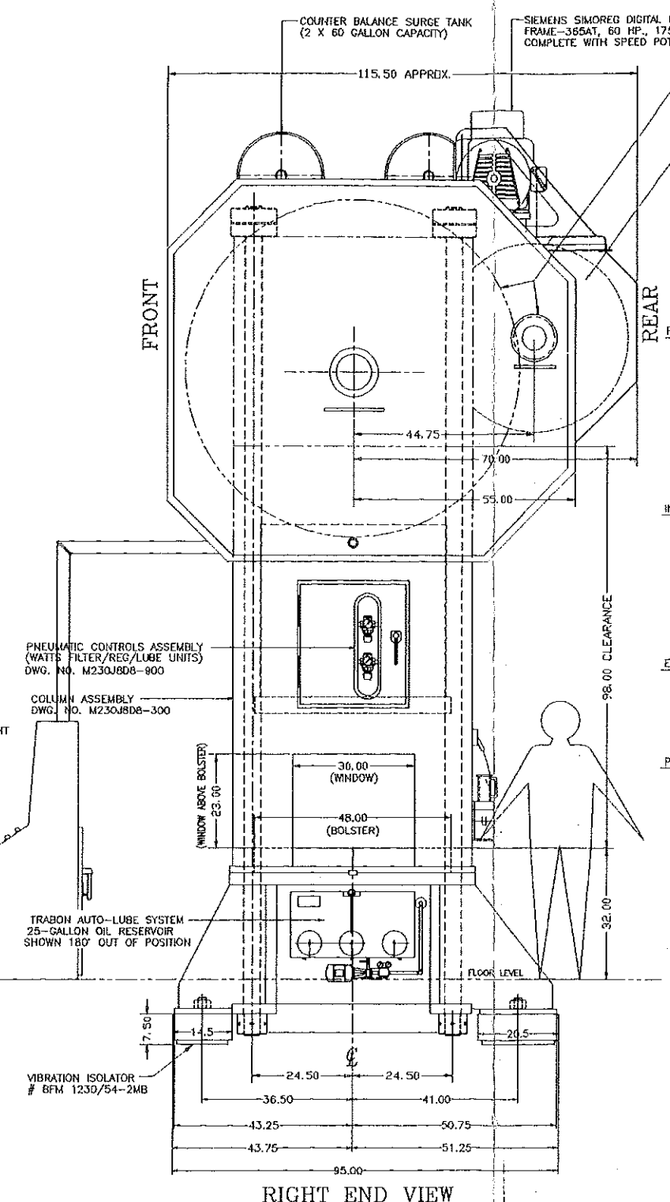
DAVIS TOOL & ENGINEERING CO.

300-TON EAGLE PRESS GENERAL ASSEMBLY

(MODEL NO. SC2-300-108-48)



REAR VIEW



RIGHT END VIEW

EAGLE PRESS MODEL NO. SC2-300-108-48

PRESS SPECIFICATIONS :

TONNAGE	= 300 TONS @ 1/2 IN. A.B.D.C. & 25 S.P.M.
STROKE	= 12.0 IN.
SLIDE ADJUSTMENT	= 6.0 IN. (MOTORIZED BALL-TYPE PITMAN)
SHUT HEIGHT	= 32.0 IN. OVER BOLSTER S.D.A.U.
SHUT HEIGHT	= 38.0 IN. OVER BED S.D.A.U.
BED AREA (L-R.)X(F.-B.)	= 108.0 X 48.0 IN.
SUSPENSION POINTS	= 2 POINT
SPEED	= 25 - 50 S.P.M. (CONTINUOUS)
SINGLE TRIP RATE	= 10 S.T.P.M.(@ 25 S.P.M. SYNCHRONOUS)
GEAR REDUCTION	= APPROX. 8.6 : 1.0
COUNTERBALANCE	= 12,000# TOOLING @ 100 P.S.I.

INDIVIDUAL ASSEMBLY WEIGHTS (APPROX.) :

CROWN ASSEMBLY	= 42,000#
DRIVESHAFT ASSEMBLY	= 10,500#
SLIDE ASSEMBLY	= 18,500#
COLUMN ASSEMBLY (2)	= 12,000#
BASE ASSEMBLY	= 22,500#
BOLSTER ASSEMBLY	= 9,500#
TIE RODS, NUTS	= 5,500#
PIPES, TANKS, ELEC.	= 3,500#
APPROX. TOTAL WEIGHT	= 124,000#

ELECTRICAL REQUIREMENTS :

LINE VOLTAGE	= 460 VOLTS
PHASE & CYCLE	= 30 - 60 HZ.
MAIN DRIVE H.P.	= 60 H.P.
SLIDE ADJUST. H.P.	= 1.5 H.P.
LUBE MOTOR H.P.	= 0.5 H.P.

PNEUMATIC REQUIREMENTS :

C'BAL. SUPPLY PIPE SIZE	= 3/4 IN.
F'WHEEL BRAKE SUPPLY PIPE SIZE	= 3/8 IN.
CLUTCH/BRAKE SUPPLY PIPE SIZE	= 1 IN.
CLUTCH/BRAKE AIR CONSUMPTION	= 185.5 CU.IN.(NEW CONDITION)
CLUTCH/BRAKE AIR CONSUMPTION	= 279.5 CU.IN.(WITH MAX. WEAR)

ATTENTION !!!

IT IS THE RESPONSIBILITY OF THE USER TO PROVIDE APPROPRIATE POINT OF OPERATION SAFEGUARDING DEVICES AND INSTRUCTIONS TO PROTECT THE PRESS OPERATOR FROM POTENTIAL DIE SPACE AND OPERATIONAL SAFETY HAZARDS IN ACCORDANCE WITH APPLICABLE OSHA AND A.N.S.I. SAFETY STANDARDS B11.1, B11.2, OR B11.3.

ITEM	QTY.	DETAILS	DESCRIPTION	WT.LBS.

EAGLE PRESS & EQUIPMENT CO. LTD.

DESIGNED	DRAWN	300-TON EAGLE PRESS
01/12/95 E.B.P.	01/12/95 E.B.P.	GENERAL ASSEMBLY
CHECKED	APPROVED	MODEL NO.: SC2-300-108-48
DATE: 01/12/95	SCALE: 1/16	DRAWING NO. M230J8D8-000 REV.NO. A