PV- 2768-T

K-TRON CORPORATION

REPRESENTED BY: **Harrington-Robb Company**
Connecticut Drive, P.O. Box 1237, Burlington, NJ 08016
(609) 386-5104 (215) 677-1046 TLX: 843-380

October 31, 1983

James River Otis Mill
Box 10
Jay, Maine 04329

Attention: Mr. Steve McClosky
Subject: K-Tron Feeder for Pfizer Talc System
Reference: K-Tron Project No. 6064E9

Gentlemen:

At the request of Tom Happel of Pfizer, we are forwarding to you a complete installation and service manual for the K-Tron Model T-60 Twin Screw Feeder. This feeder is part of the Pfizer Talc System furnished to you about 3 years ago.

The K-Tron representative for your area is the M.A. Olson Company whose address is shown below. If you are ordering parts for the feeder, please contact the M.A. Olson Company directly.

Should you require any additional information, please do not hesitate to contact M.A. Olson Company, or you may direct your inquiries through Pfizer who will in turn work through the Harrington-Robb Company.

Very truly yours,

K-TRON CORPORATION

HARRINGTON-ROBB COMPANY
Authorized Representatives
W. G. Boettger

WGB:sab
enc:
cc: M. A. Olson Company, inc.
414 Old Boston Road
Topfield, Mass. 01983
cc: Pfizer, Inc.
640 North 13th St.
Easton, Pa. 18042
Attn: Tom Happel
cc: K-Tron Corp
Attn: Bruce Lowden

Prodex Inc. 3/8/85
S/N 84147-3 - Mines own system

Acrison Mod 1057-G
S/N 85016-01

ENGINEERING SPECIFICATION DATE 5/17/79

T60 SCREW FEEDER

IDENT. F-1 PAGE 1 OF 1 PROJECT NO. 6064E9

CUSTOMER Pfizer, Inc. PROJECT ENGINEER M. Kravitz

CUST. TAG NO. — *ASS'Y. NO. 0251-00000 REV+

P.O. NO. EA 79554 *MODIFY PER See Below REV+

SERIAL NO. F5316-6064E9-F1 *WIRE PER B-0257-00001 REV+

CAT. NO. T60-1-11-2-13-12-Z *INSTALL PER C-0255-00000 REV+

FLOW RATE @ 1800 RPM 2500 L/HR ☐ IF CHECKED SEE PRODUCTION ADDENDUM

SCREW SPEED @ 1800 RPM 300 RPM(PROFILE I)

*SCREW DRIVE MOTOR ASSEMBLY

1/2 HP TENV	☒ 0343-00003	REV+
1/2 HP EXPL. PF.	☐ 0343-00004	REV+
1/2 HP TENV DIGI-DRIVE	☐ 0343-00005	REV+
1/2 HP EXPL. PF. DIGI-DRIVE	☐ 0343-00006	REV+
OTHER:	☐	REV+

SCREW DRIVE REDUCER

11:1	☒ 9682-00000	REV+
17:1	☐ 9682-00001	REV+
29:1	☐ 9682-00002	REV+
	☐	REV+

+DC MOTOR IDENT: ☐ I.G. ☐ APPL. ☐ OTHER

SCREW INPUT SPROCKET 9689-00004, 18 TEETH

REDUCER OUTPUT SPROCKET 9689-00022, 22 TEETH

FINAL RATIO 18 : 22

*AGT.DRIVE ASS'Y.(950VA,115/230V,60Hz,1Ø)

1/2 HP TEFC	☒ 0343-00001	REV+
1/2 HP EXPL. PF.	☐ 0343-00002	REV+
OTHER:	☐	REV+

*SCREW DRIVE

SCR, 1/2 HP	☒ 2501-00002	REV+ (800VA,115V, 50/60Hz,1Ø)
SCR, OTHER	☐	REV+
CONTROLLER	☐ SEE CONT. SPECIFICATION	

+AC MOTOR IDENT: ☐ G.E. ☐ BAL. ☐ OTHER

SPECIAL OPTIONS OR MODIFICATIONS:

Modify screw assy. (C-0253-00000) housing (D-9512-00188) as follows:
Ship item 2 (flange - B-8522-00394) loose, not welded to housing.

ENVIRONMENTAL CONSIDERATIONS

PROCESS MATERIAL Talc CHARACTERISTICS Free Flowing

DENSITY 11-13 lb/ft³ MAX. AMBIENT TEMP. — MAX. MATERIAL TEMP. —

AREA CLASSIFICATION: ☒ GENERAL PURPOSE

☐ HAZARDOUS DIV I ☐ DIV II ☐ CLASS I ☐ CLASS II ☐ GROUP C ☐ D ☐ GROUP F ☐ G ☐

+Completed by mfg.
*Dwg. in manual
REV A 5/1/79

ENGINEERING SPECIFICATION DATE 5-5-81

S400 SCREW FEEDER

IDENT. F1 PAGE 1 OF 1 PROJECT NO. 681961

CUSTOMER PFIZER INC. PROJECT ENGINEER R. FRYE

CUST. TAG NO. *ASS'Y. NO. 0341-00000 REV+

P.O. NO. EA-18070 *MODIFY PER REV+

SERIAL NO. S400-81-007-F1 *WIRE PER 0257-00001 REV+

CAT. NO. S400-100-A-0-11-2-B-12-0 *INSTALL PER 0345-00003 REV+

FLOW RATE @ 1800 RPM 4300 L/HR ☐ IF CHECKED SEE PRODUCTION ADDENDUM

SCREW SPEED @ 1800 RPM 127 RPM(PROFILE I)

*SCREW DRIVE MOTOR ASSEMBLY

1/2 HP TENV	☒	0343-00003 REV+
1/2 HP EXPL. PF.	☐	0343-00004 REV+
1/2 HP TENV DIGI-DRIVE	☐	0343-00005 REV+
1/2 HP EXPL. PF. DIGI-DRIVE	☐	0343-00006 REV+
OTHER:	☐	REV+

SCREW DRIVE REDUCER

11:1	☒	9682-00000 REV+
17:1	☐	9682-00001 REV+
29:1	☐	9682-00002 REV+
	☐	

+DC MOTOR IDENT: ☐ I.G. ☐ APPL. ☐ OTHER

SCREW INPUT SPROCKET 9689-00004, 18 TEETH

REDUCER OUTPUT SPROCKET 9689-00014, 14 TEETH

FINAL RATIO 14.1:1

*AGT.DRIVE ASS'Y. (950VA,115/230V,60Hz,1Ø)

1/2 HP TEFC	☒	0343-00001 REV+
1/2 HP EXPL. PF.	☐	0343-00002 REV+
OTHER:	☐	REV+

*SCREW DRIVE (800VA,115V 50/60Hz,1Ø)

SCR, 1/2 HP	☒	2501-00002 REV+
SCR, OTHER	☐	REV+
CONTROLLER	☐	SEE CONT. SPECIFICATION

+AC MOTOR IDENT: ☐ G.E. ☐ BAL. ☐ OTHER

*SCREW ASS'Y. NO.	STANDARD		LOSS-IN-WEIGHT	
15mm.....	☐	0343-00007 REV+	☐	0543-00006 REV+
25mm.....	☐	0343-00008 REV+	☐	0543-00007 REV+
40mm.....	☐	0343-00009 REV+	☐	0543-00008 REV+
65mm.....	☒	0343-00010 REV+	☐	0543-00009 REV+
100mm.....	☒	0343-00011 REV+	☐	0543-00010 REV+
150mm.....	☐	0343-00012 REV+	☐	0543-00011 REV+
	☐	REV+	☐	REV+

SPECIAL OPTIONS OR MODIFICATIONS:

ENVIRONMENTAL CONSIDERATIONS

PROCESS MATERIAL TALC CHARACTERISTICS

DENSITY 12 pcf MAX. AMBIENT TEMP. MAX. MATERIAL TEMP. 70° F

AREA CLASSIFICATION: ☒ GENERAL PURPOSE ☐ HAZARDOUS

DIV I ☐ CLASS I ☐ GROUP C ☐ D ☐

DIV II ☐ CLASS II ☐ GROUP F ☐ G ☐

+Completed by mfg.

*Dwg. in manual

REV A 5/1/79djm