



This Drawing is the property of
MATERIALS TRANSPORTATION COMPANY
 and shall not be reproduced, copied,
 lent, or disposed of, nor used for any
 purpose other than for which it is
 specifically furnished and must be
 returned upon demand.

APPROVAL DRAWING
 Approval copy of this drawing
 must be received by

to meet the required
 shipping date.

1) APPROVED
 2) ACCEPT, pending changes and follow up GA required
 3) REJECTED

BY: _____ DATE: _____

General Specifications: MTCS-09-6 Screw Conveyor

- Auger Diameter: 9" with 3/16" thick flights @ full pitch
- Conveyor Length: 6'
- Inlet Height: 49" from platform deck (141" from the floor)
- Discharge Height: 0" from platform deck (92" from the floor)
- Incline angle: 22 degrees
- Construction: Type 316 stainless steel with glass bead finish
- Welding: Continuous
- Stand: Type 304 stainless steel with glass bead finish with pads to be mounted to existing platform structural crossbeams
- Cover: Two-piece one hinged right side with De-sta-co clamps and one lift off solid cover with nylock nuts. Both covers to have magnetic safety switch (safety switches provided by customer, mounted by MTC)
- Idler end cover: One piece bolt on with magnetic safety switch (safety switch provided by customer, mounted by MTC).
- Drive Bearing: Steel-it coated
- Discharge Bearing: Delrin
- Primary Voltage: 460V-60Hz-3ph
- Controls and Inverters by customer
- Drive: 3 HP SEW-Eurodrive steel-it coated gearmotor, direct connected
- Speed: Variable
- Discharge chute with Eriez Rare Earth Magnet weld in place no hinge or bolts, with access door hinged on side for sanitation with De-sta-co clamp, (left side when viewing from discharge end), with magnetic safety switch provided by customer, mounted by MTC. Bottom of chute to have round chute to match up with Comitrol infeed and bypass chute.
- Special Hopper: 2300# capacity based on 40 #/cu ft product, with square pattern weld in internal weld in grate inside hopper and bottom of screw trough to be hinged (from bottom) for sanitation, with magnetic safety switch provided by customer, mounted by MTC.
- Product: IQF carrots and parsnips initially, with new product formulations currently in development
- Note: hopper receives product from LEC dumper SN 1040255, mounted to platform, design must account for structural design of existing platform

UNLESS OTHERWISE SPEC'D: TOLERANCES XX ± .010 XXX ± .003 ANGULAR ± .3° FRACTURAL FINISH ± .125 S.W. SHEAR ± .125 BURN WELD ± .125 FINISH 125		CUSTOMER: CAMPBELL SOUP PARIS, TX CUST. ORDER # 4502693456 SERIAL NO. 157558 MTC ORDER # F030215-001		MATERIALS TRANSPORTATION CO. <small>1408 S. COMMERCE P.O. BOX 1308 TEMPLE, TEXAS 76788</small> MTCS-09-6, SCREW CONVEYOR GENERAL ARRANGEMENT											
REV. 2	REVISED PER RDC- 16252	LSW	03-24-2015	DRAWN	lwit	DATE	3/3/2015	SCALE		DRAWING NUMBER	J2735	SHEET OF	1 1	REVISION#	2
REV. 1	REVISED PER RDC- 16244	LSW	03-17-2015	CHECKED	RA		3/9/2015								
				MATERIAL	SEE			NEXT ASST.		PREVIOUS DWG. NO.				DRAWER	
				FINISH	GLASSBEAD										