

Sugar Transfer System

Ytron-Quadro Sugar Transfer System MHL/150/300-1300/M

Sugar Transfer System Description

This sugar transfer system incorporates a manually operated lift to raise and lower the transfer hopper. The sugar transfer system is made from Grade 304 stainless steel box section and is fully TIG welded throughout. The sugar transfer system is mobile with two fixed and two swivel braked castors. The sugar is metered out of a bulk bag by a pneumatic Star valve into the air flow pipework. Air is allowed into the air flow pipework at the infeed end by an air filter. The outfeed end of this pipework is connected to the vacuum hopper. An air blower creates a negative air pressure and therefore suction in the vacuum hopper. At the base of the vacuum hopper is a second pneumatic star valve which controls the discharge of sugar from the vacuum hopper into the mixing vessel. The vacuum hopper also has non intrusive capacitance type High and Low Level control sensors.



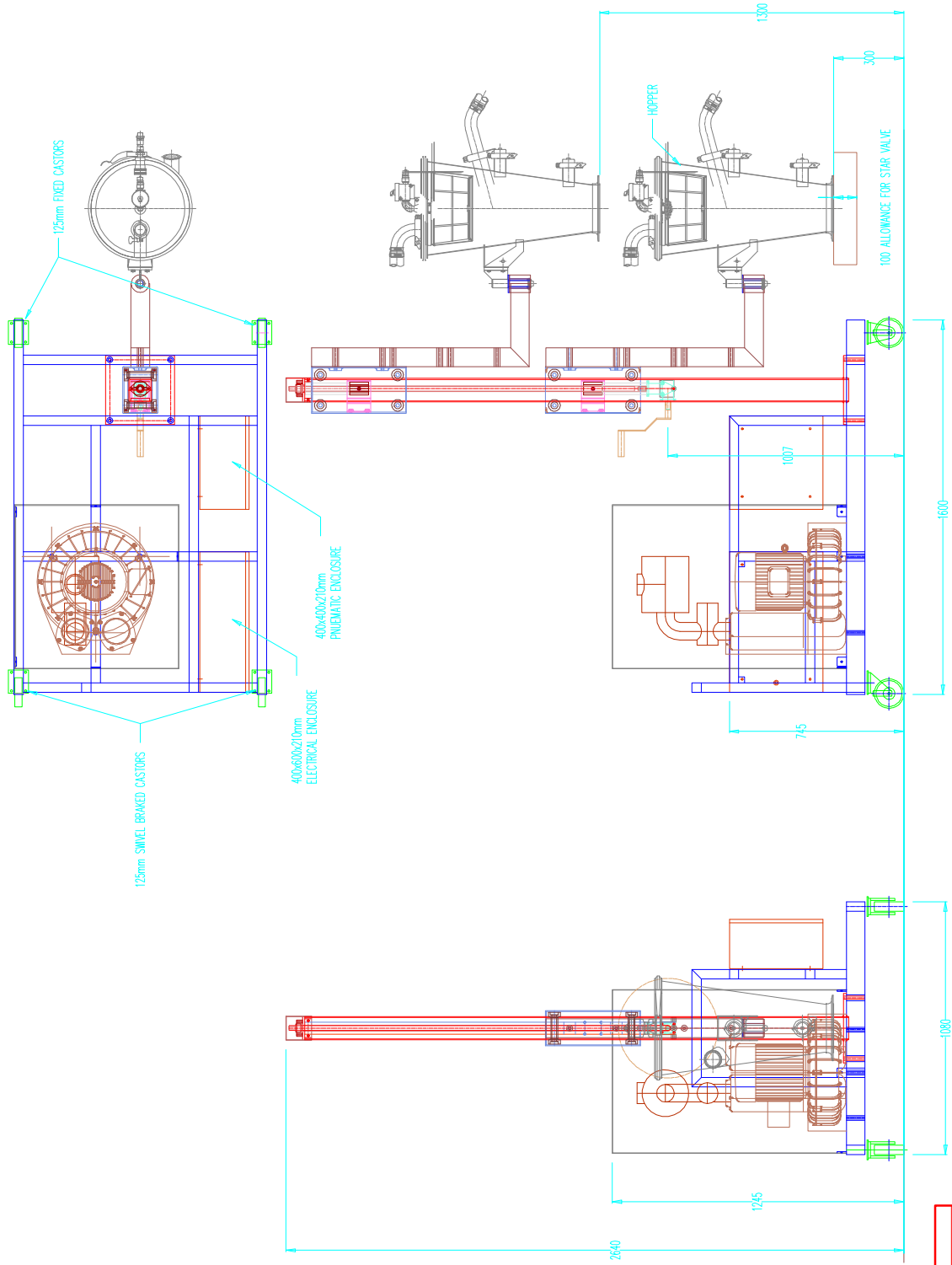
Ytron Quadro Sugar Transfer System

Sugar Transfer System Specification

DESCRIPTION	YTRON-QUADRO SUGAR TRANSFER SYSTEM
MODEL No.	MHL/150/300-1300/M
CAPACITY	150 Kgs
MINIMUM HEIGHT	300mm
MAXIMUM HEIGHT	1300mm
STROKE	1000mm
BASE ARRANGEMENT	MOBILE ON CASTORS
CONTROL CIRCUIT	24Vac (STANDARD)
ELECTRICAL RATING	IP65

Sugar Transfer System Application Story

This sugar transfer system was required to vacuum transfer sugar from a 1 Tonne Bulk Bag through a vacuum transfer hopper and finally into a tank of water. The sugar transfer system was fitted out with the vacuum transfer hopper, air blower, electrical control panel and a manual lift to raise and lower the hopper



REMOVE ALL BURRS AND SHARP EDGES	
TOLERANCES : UNLESS OTHERWISE STATED	
FABRICATIONS : +/- 2.0mm	
MACHINING : +/- 0.2mm	
SHEET METAL WORK : +/- 1.0mm AND +/- 1.0 DEG	
DRAWN	CHECKED
MRJ	DATE
	07.07.06
DRAWING NUMBER	
BP2981-1	

YTRON QUADRO QVAC SUGAR TRANSFER SYSTEM

DRAWING TITLE

REVISION NUMBER

CUSTOMER

COPYRIGHT RESERVED
DRAWN THIRD ANGLE PROJECTION

BASE HANDLING PRODUCTS LIMITED
 UNIT 20 BARLEFIELD INDUSTRIAL ESTATE,
 BRYNMAWR,
 GWENT, NP23 4TF
 TEL: (01495) 312172 FAX: (01495) 312089 EMAIL: info@baseproducts.co.uk