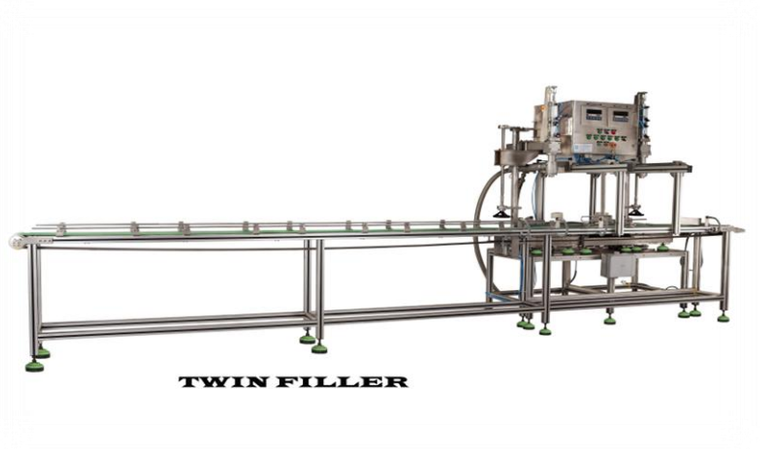
STANDARDS INTERNATIONAL
PRECISION ENGINEERS PRIVATE LTD.

MACHINE DATA:

TWIN HEAD FILLING STATION



Filling of Speciality Fats require special machinary as the flow through the SinitatorsTM(SSHE) should be continuous. The Twin Head Filling Station designed at SIPEPL is an automatic bag in box filler used to pack Shortening and Margarine in 10-20 kg bags. This is a PLC controlled Load Cell based filling system designed with two filling heads that operate alternatively with high accuracy.

MACHINE SPECIFICATIONS	
Item	Twin Head Filling System
Configuration	Twin Head Filling Station with common Buffer Line with
Capacity	Design : 20 Kg
	Tare : 5 Kg
	Net : 15 Kg
Weighing Method	Gross [with container] or Net [without container]
Resolution	05 gms
Weighing Accuracy	+ / - 10 gm to +/-20 gm [depends on filling speed]
Buffer	From constant flow rate Buffer pump
Buffer Control	pneumatically operated valve
Platform	SS-platform with Roller Conveyor
Bag in Box Positioner	Included
Sensor	Included
Load Cell	High Precision Beam Type Load Cell; Cap:50 Kg
Electronics	Programmable Batch Controller
	Programmable Filling Controllers for individual filling lines
Displays	Weight, Batch Totaliser and Weight Totaliser and text
Indications	Coarse Buffer, Fine Buffer & Ready [text message]
Settings	Operator Interface for setting :
	Password
	Tare Weight
	Batch Weight
	Fine Buffer Margin
	In-flight correction
	Zero Margin
	Totaliser Reset
External Input	1. Provision for External Auto Start / Stop.
	2. Bag in Box Position sensor.
Control outputs	Relay change over contacts for :
	Coarse Buffer for individual filling line Valves
	Fine Buffer for individual filling lines valves
	Bypass line Valves
	Filling over / ready status.
Indications [common]	Power on
	Bypass

	Auto / manual
Indications [Individual]	Position
	Fill
	Ready
Selection[Common]	Auto / Manual
Interlock	For opening Bypass valve if both Filling Stations are full [or] if there is no container in either of the Filling Platforms.
Power Supply	230 VAC
Air Supply	5 Kg / sq.cm Instrument Quality Air for Pneumatics.