

ROTOPACKER
ROTOPACKER UPGRADES
STATIONARY PACKERS
JUMBO /BIG BAG PACKERS
CHEMICAL BAGGING(NETWEIGHER/AIRPACKER)
CHECKWEIGHER
BAG COUNTERS/DISPATCH MONITORING
UNIPULSE PRODUCTS
ROTARY/VIBRATING SCREEN
BAG CLEANING/BAG REJECTION
TRUCK LOADERS
WAGON LOADERS
LOADING SPOUTS/FLOW CONTROL GATES
BAG DIVERTER/BELT CONVEYORS/CHUTES
SILO EXTRACTION SYSTEM
ELECTRICAL PANELS/AUTOMATION /WIRELESS SOLUTIONS
SPARES/SERVICE /AMC

ROTOPACKER – LATEST TECHNIQUES AND FOR HIGH BLAIN CEMENT



The Rotopacker is Rotary valve bag filler with 3 to 16 spouts of filling. These spouts fill and weigh simultaneously

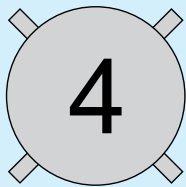
Filling methods and weighing at speed requires special control and the system is provided with excellent speed weighing controller

The features of Rotopacker are

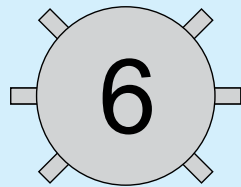
- Auto optimization of filling cycle by calculating slow filling as well as fast filling percentage at high blain and various type of cement /bags
- The Major advantage is that it adjusts its parameters with Blain/Slide gate opening automatically. The value of Cut off points is decided based on speed of cement which ensures accuracy Vs Output
- Coarse/fine ratio of filling is changed automatically.
- Initial cold cement is taken care.
- False setting of gate automatically covered

Interface peripherals are

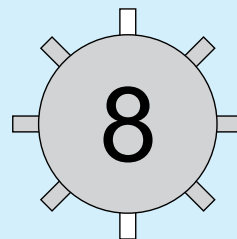
- Checkweigher
- Bag Reject direct
- Bag counters & online printers
- Bag placers



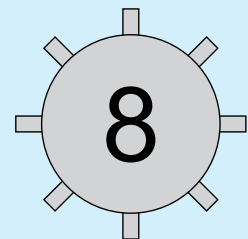
4 Spout packer



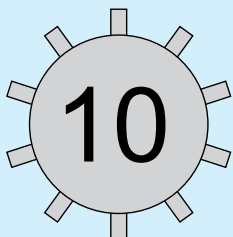
6 Spout packer



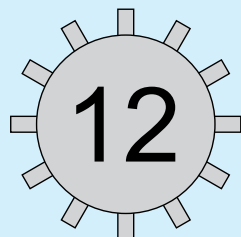
8/6 Spout packer



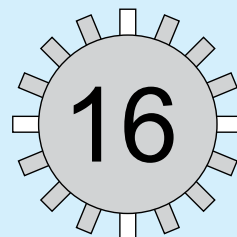
8 Spout packer



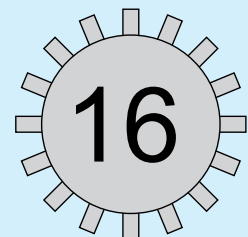
10 Spout packer



12 Spout packer



16/12 Spout packer



16 Spout packer

ROTOPACKER – LATEST TECHNIQUES AND FOR HIGH BLAIN CEMENT

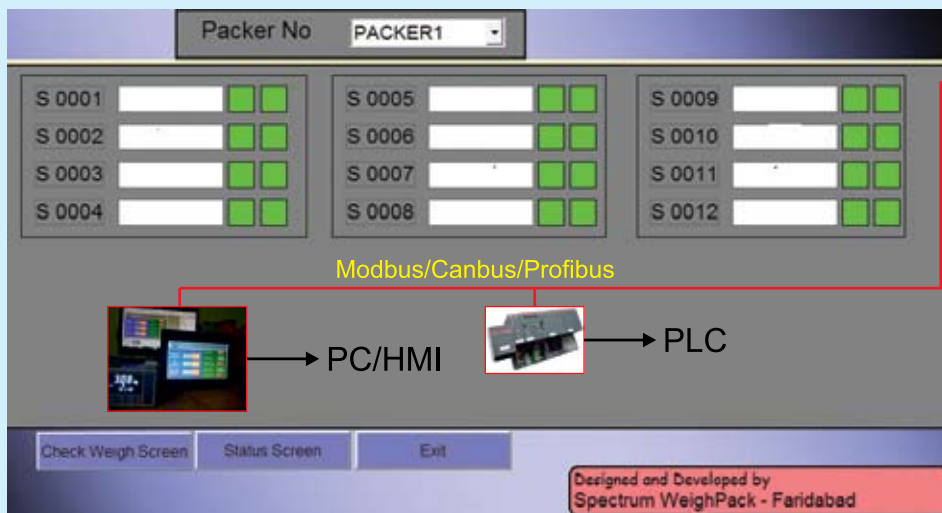
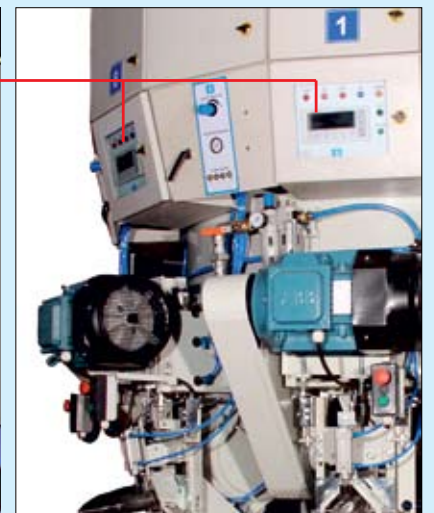
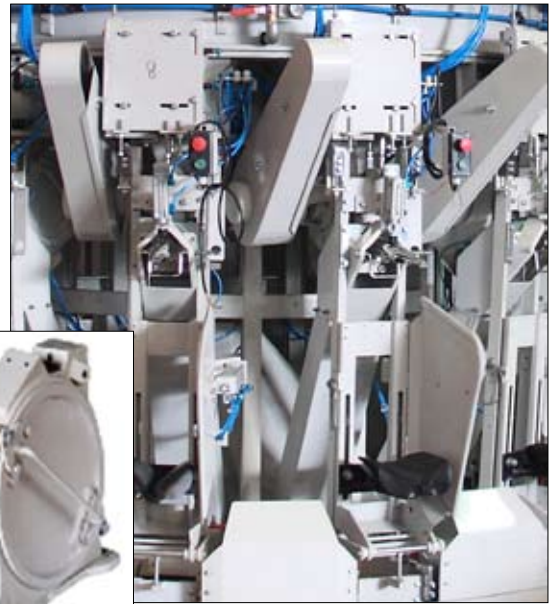
The impeller system is designed with various good features of High filling, special collar seal, auto greasing (option).

The compact filling results by aeration in impeller by controlled way as

- The air control for impeller Aeration is automatically controlled & control depends upon flow of cement (not on parameter) and adjusts for each bag.
- So if flow is too slow/jammed – air flow is continuous
- If flow is medium- the air flow is pulsating
- If flow is very good- the air flow in coarse feed is switched off.
- Advantages :less leakages & less ballooning of bag
- Air consumption control & dust nuisance less

Other features are

- Refilling of Bag in case less filled
- Auto correction steps
- Auto reject of less filled bags and refilling
- High speed A/D converter



ROTOPACKER – UPGRADES

Upgrade of Machines from Old & obsolete models, Inefficient machines, customized addition of Software's, Wireless, Upgrading Mechanical Assemblies, Upgrading Electronics etc is done by supplying **UNIPULSE** make control system



With upgrade packer panel system with aeration supplied will provide

- efficient filling
- great accuracy
- trouble free operation

EXAMPLES OF CONTROLLERS REPLACED



FOR **CHEMICAL** AND **CEMENT** INDUSTRYWith **UNIPULSE** Control System

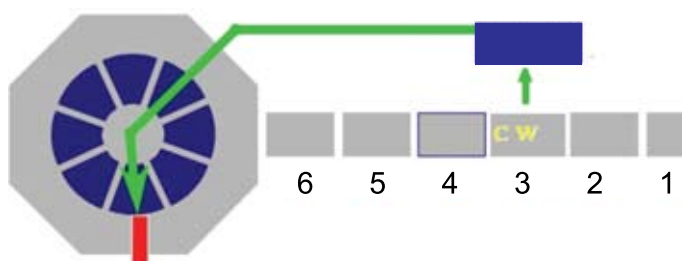
A Unique Solution Provider for Sensor Technology

STURDY CHECKWEIGHER

- ❖ **AUTO CORRECTION SUITABLE FOR ALL TYPE OF PACKERS AND INDUSTRIES.**
- ❖ **CUSTOMIZED LOCALLY FOR ALL NEEDS**
- ❖ **MAXIMUM PACK WEIGHT – 60 KG**
- ❖ **SUITABLE FOR EXISTING LINES**
- ❖ **USER FRIENDLY**
- ❖ **EASILY MAINTAINED**



Spout Number / Nozzle Number Detection



Spout Number
Stamped from
Packer and
displayed on
Checkweigher
Controller

**ADVANTAGES****MONITOR ACTUAL PACKING WEIGHT**

Reports are on actual Weight

REJECT SYSTEM INSTALLATION

24 Hours Monitoring For Low Weight & Saving In Case Of Excess Weight

DESIRE TO REDUCE COSTS

By Tuning Packer For Average Weight Packing

CONFORMITY WITH PACKER ELECTRONICS

Inbuilt Interface With Packer For Spout Number

Truck Loaders & Wagon Loaders

FOR CHEMICAL AND CEMENT INDUSTRY

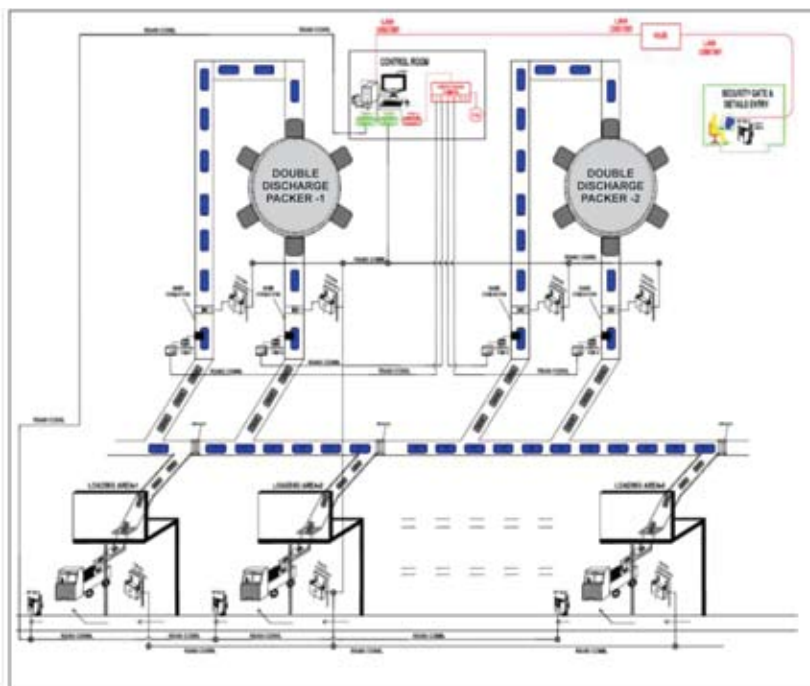
- ❖ Trouble free Operations as Simple concepts
- ❖ Semi-automatic operation
- ❖ 2400 Bags/Hour Throughput
- ❖ Compact Design
- ❖ Various Models suitable for all type of Trucks
- ❖ Wagon Loader Machines available for BCN / BCXT, BCN-HL Wagons, Open Wagon



Cement Bag Counting Dispatch Monitoring Online MRP Printing Solutions

SALIENT FEATURES

- ❖ Different models to suit customer's budget.
- ❖ Unique technique to identify overlapping of bags and precisely count the number of bags,RS485 communication port for connecting to a PC and log the data.
- ❖ 2 Relay outputs, one to indicate completion of loading and another for advance intimation or hooter for audio warning.
- ❖ Memory buffer or data polling and no effect of communication failure
- ❖ Optional Repeat display provision for viewing the data at remote locations
- ❖ Inter-linking the MRP Printers to PC for automatic Printer MRP update.
- ❖ Connecting the Weigh bridge / Logistics / Security PC through LAN for collecting the truck details and upload to the Counters automatically.
- ❖ Provision to include RFID system for complete automation of the packing plant.
- ❖ Information through display for the truck drivers about the loading location
- ❖ Software compatibility to read the SAP updated truck information through text files, automatically.
- ❖ Provision to SMS the Dealer / Logistics as and when the truck leaves the gate.



JUMBO BAG FILLING

500 To 2500 Kg

- ❖ Stationary /Rotary Indexing Type
- ❖ Rated Capacity : 10-35 Bags /hour
- ❖ User Friendly & Easily to Maintain
- ❖ Reliable and easy to operate
- ❖ Simple bag size adjustment
- ❖ Low maintenance
- ❖ Low headroom required
- ❖ Deducts weight of bag and pallets
- ❖ Giving only net weight of product in bag
- ❖ Programmable electronic weighing
- ❖ Auto Re-check – weighing of filled bag
- ❖ Semi suspension filling for well shaped bags
- ❖ Product dosing device to suit all product
- ❖ Empty bag inflation (Option)
- ❖ Stainless steel product contact parts(Option)
- ❖ Filling Spout :-
 - With pneumatic clamps
 - With inflatable collar (dusty product)
- ❖ Automation:-
 - Swinging bag loop forks
 - Automatic bag loop hook(s)
 - Roller & Trolley
 - Auto bag neck sealing (Option)
- ❖ In-chute Jam detection
- ❖ IDEAL FOR PACKING
 - Chemicals
 - Ground minerals
 - Titanium dioxide
 - Carbon black pearls
 - Detergent
 - Skimmed milk powder
 - Sugar
 - Salt
 - Rice, lentils, grain
 - Oat flakes
 - Fertilizer
 - Aggregates

