

MINERAL PROCESSING - LIQUID PROCESSING
FOOD PROCESSING

**TURN-KEY
PLANTS**

RTK

MACHINE - ENGINEERING

Reliable Technical Solutions

www.rtk.com.tr

JET PULS FILTER



JET PULS FILTER

RTK projects and manufactures JET PULS FILTER for dust collection. This can be for process or only environmental dust collection. Silo top filters are also in our scope. From small to huge systems RTK makes complete solutions including fans and relates piping. Our total projects are provides you dust-free operation. We would like to solve your high temperature processes and hard pollution manufacturing dust problems.



ROTARY DRUM DRYER



ROTARY DRUM DRYER

Drying is one of main scope of RTK. RTK have deep engineering substructure and experience on drying. We make complete solutions for drying including material handling to automation. Filtering also important part of drying and our filtering solutions are very reliable. Some materials to dry: sand, GBFS, anthracite coal, gypsum, calcite, and similar products.



MULTI BELT DRYER

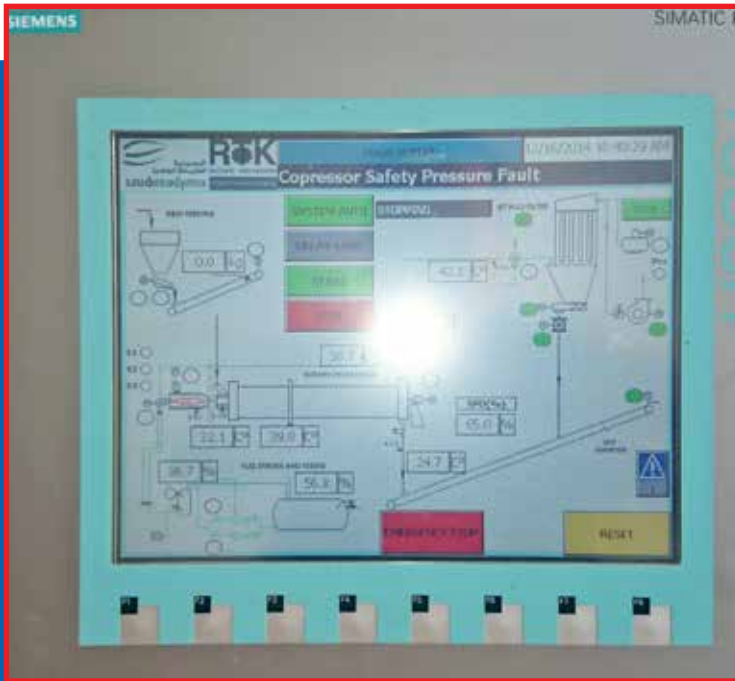
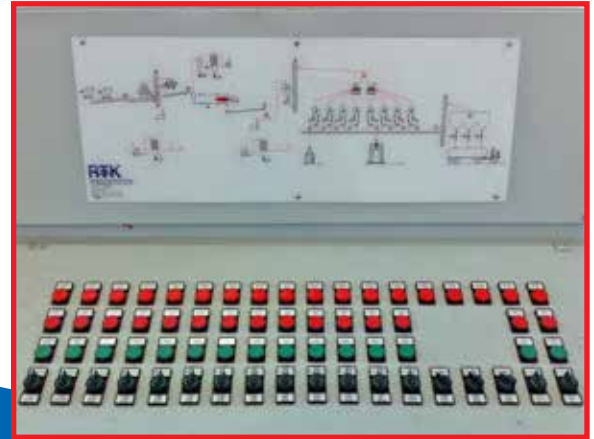


MULTI BELT DRYER

RTK has special know-how and technology about belt dryers. Our solutions with belt dryer has special ways to make efficient and required drying. Especially agricultural product drying need different temperatures and drying programs; RTK provides very well control on drying for customer to make own drying program in system; very flexible system. In this way customer can use same dryer for different products in efficiency. Some products to dry: herbs like mint, melissa, chamomile, and similar greens.



AUTOMATION



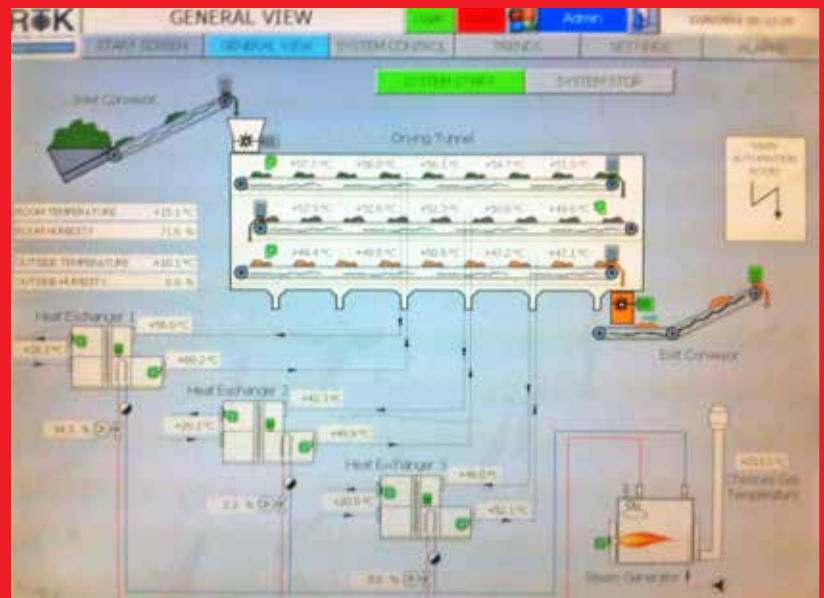
AUTOMATION

RTK gives the most developed automation solutions to customer. This is because RTK follows the world technology very closely. We strictly use the most well known and reliable brands for components, SIEMENS, SCHNEIDER, ABB, etc...

Our electrical projects in world standards and customer technicians can follow it easily.

RTK believe the importance of cabling; therefore we always advice customer, RTK makes the cabling for long years failure free operation.

SETTINGS			
START SCREEN GENERAL VIEW SYSTEM CONTROL			
SEQUENTIAL START-UP DELAY TIME	SEC.	3	W/STOP
SEQUENTIAL STOP DELAY TIME	SEC.	3	W/STOP
DRYER DISCHARGE STOP DELAY TIME	MIN.	1	W/STOP
DRYER HIGH TEMPERATURE SET VALUE	°C	90.0	W/STOP
HEATING EXCHANGERS HIGH TEMP. SET VALUE	°C	90.0	W/STOP
CHIMNEY GAS TEMP. SET VALUE	°C	275.0	W/STOP
PID SETTINGS			
	HEATING VALVE 1	HEATING VALVE 1	HEATING VALVE 1
PID_P	6.000	5.500	3.000
PID_I	20	20	20
PID_D	30	30	30
PICTON AUTOMATIC RUN-WAIT TIMES			
	INLET FEEDER		
Tim-sec	31		
Toff-sec	0		
EQUIPMENT			
	LOW LIMIT	HIGH LIMIT	REAL
ROOM HUMIDITY TRANSMITTER	0.0	100.0	72.1
OUTSIDE HUMIDITY TRANSMITTER	0.0	100.0	0.0



SILO



SILO

RTK have modular silo systems. In this way you can have our silos with low transport cost. Our silos are also have quick installation procedure. We also give turn-key with our supervision for your benefit. Silos for cement, coal, sand, gypsum, calcite, or similar product from small to 1.000-3.000 ton capacity.



PNEUMATIC CONVEYING



CONVEYING

RTK is expert on pneumatic conveying of materials. In design, we advice customer the most efficient conveying system; pneumatic conveying or mechanical (belt/bucket/screw/vibratory) conveying, air-slide. Each system has to be placed according to project need.

Pneumatic conveying systems:

1- Dense Phase System: components; blower, air-lock, jet-puls filter, pipes, wearing resistance elbows.

2- Lean Phase System: components; compressor, valve, pressure vessel, venture, product activating system, jet-puls filter, pipes, wearing resistance elbows.

Same materials for conveying : cement, gypsum, calcite, sand, mixed materials, sugar, grains, and similar.

Particle size: from 1 micron to up

CONVEYORS



RTK



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