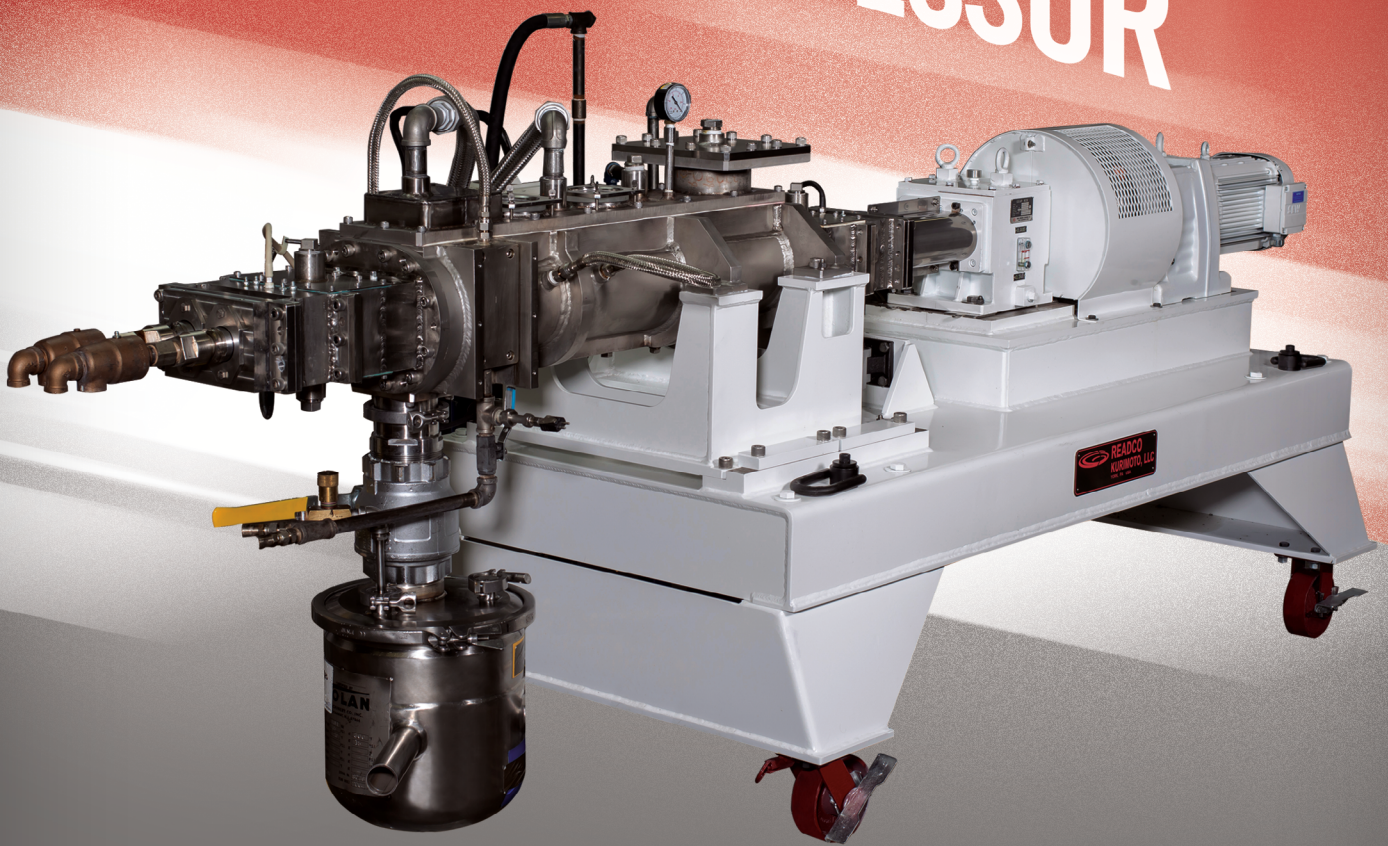


SC PROCESSOR



CONTINUOUS | SELF-CLEANING | HEATING + COOLING | PROCESSOR

SSC PROCESSOR



WHAT IS IT?

A machine designed to continuously process a wide range of materials by significantly reducing the moisture content of the material and transforming it into a dry powder or high viscosity slurry. It accomplishes this with twin hollow screw shafts which counter-rotate while circulating heating or cooling medium. Additionally, the barrel jacket temperature can be controlled separately. This combination results in a continuous, stable and efficient heat transfer source.

WHAT DOES IT DO?

- Solvent removal / recovery
- Crystallization
- Chemical reactions
- Polymerization
- Degassing
- Cooling
- Evaporation
- Increases viscosity of slurries
- Transforms slurries to powders

HOW DOES IT DO IT?

- Rotational speed
- Jacket & screw temperature
- Greater vacuum capability
- Feed rate
- Discharge gate configuration

BENEFITS

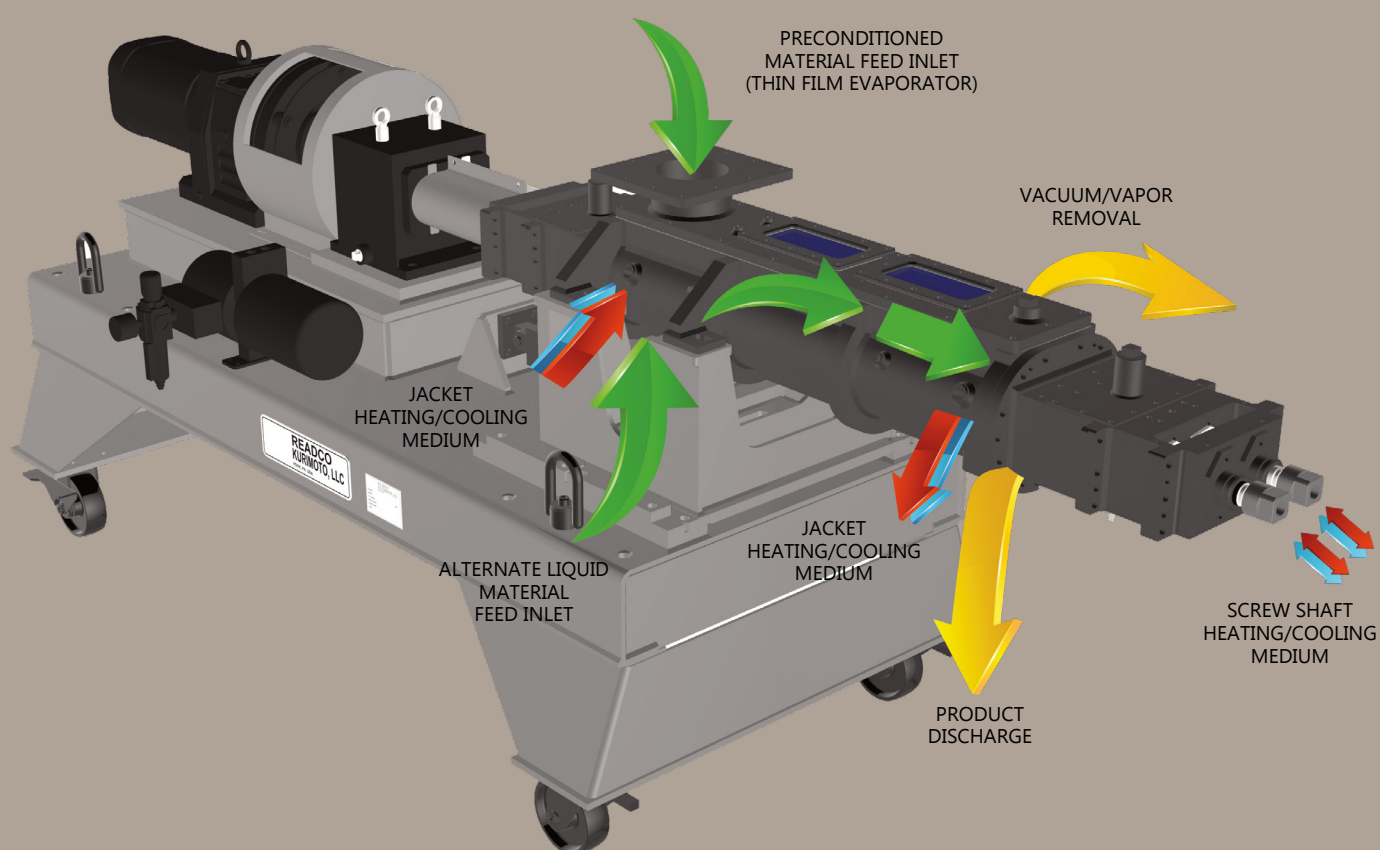
- No batch to batch variations
- Reduced floor space
- Lower waste costs by solvent removal and recovery

APPLICATIONS INCLUDE:

- | | | | |
|-------------------|------------------|----------------------|-------------------------------------|
| • Resin solutions | • Urethane | • Aluminum solutions | • Industrial waste |
| • Epoxy | • Polyamide | • Wood powder | • Taffy-like confectionary products |
| • Acrylic | • Metallic soaps | • Liquid paint waste | |

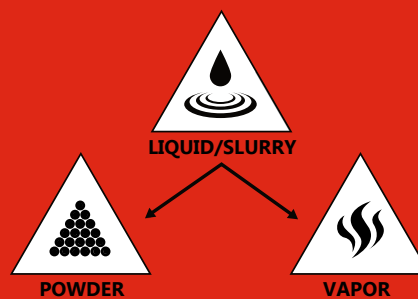
THE FLOW SHEET FOR VACUUM DRYING

HOW DOES IT DO IT?



WHAT DOES IT DO?

- Transforms slurries/solutions to powder or flake
- Reclaims liquids through evaporation or distillation
- Facilitates chemical reactions, crystallizations and polymerizations
- Cooling of viscous and sticky materials

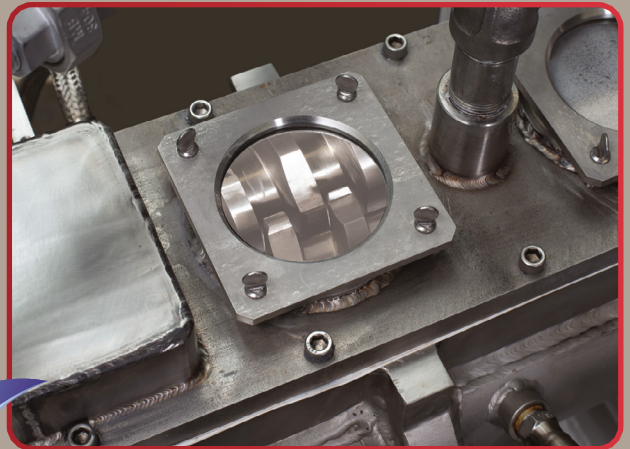


FEATURES

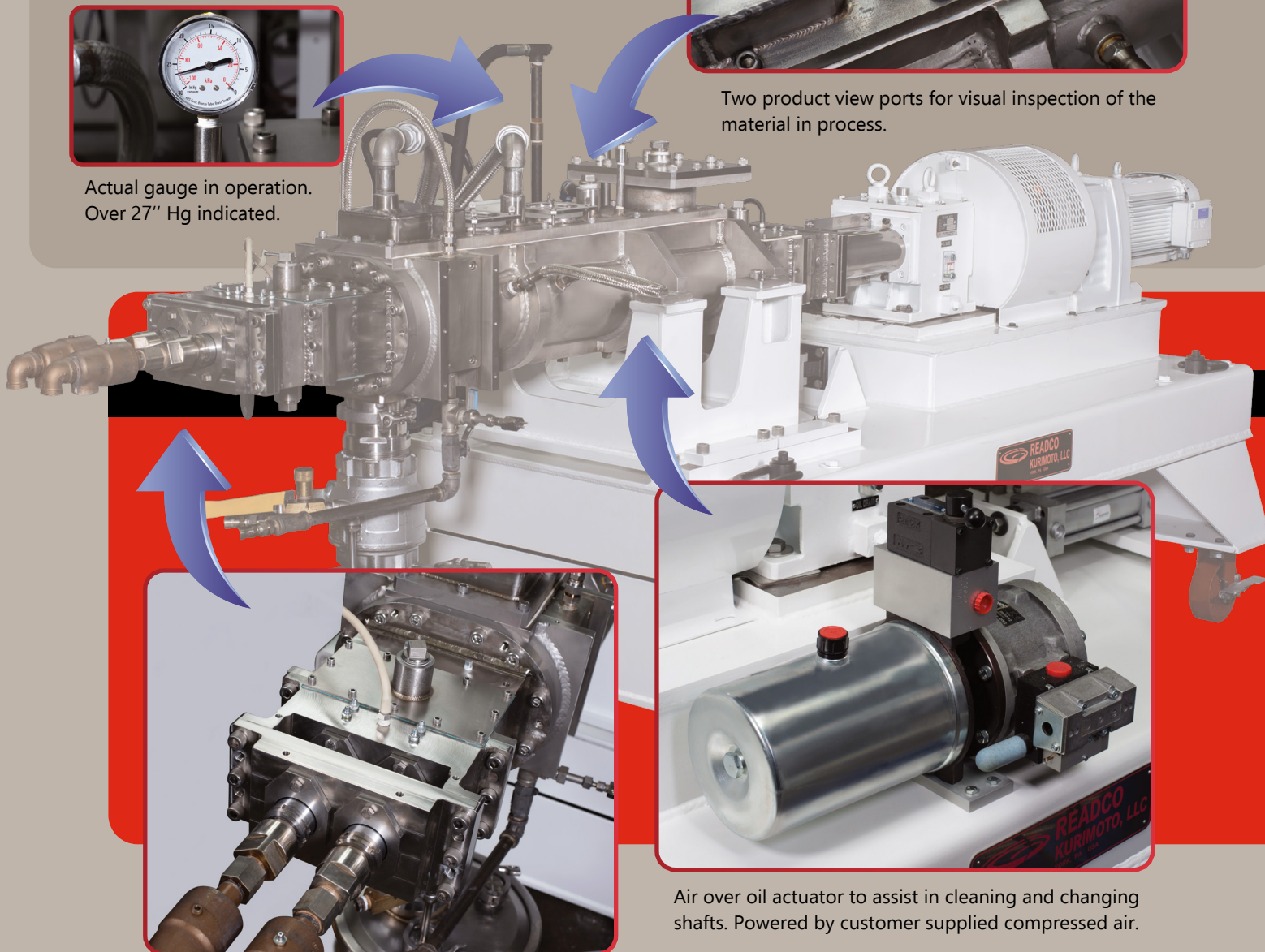
- Vacuum Capability
- Large heat transfer area with jacketed screws and barrels
- High degassing performance under reduced pressure
- Self-cleaning design eliminates build up of sticky materials
- Robust, efficient and versatile evaporator



Actual gauge in operation.
Over 27" Hg indicated.



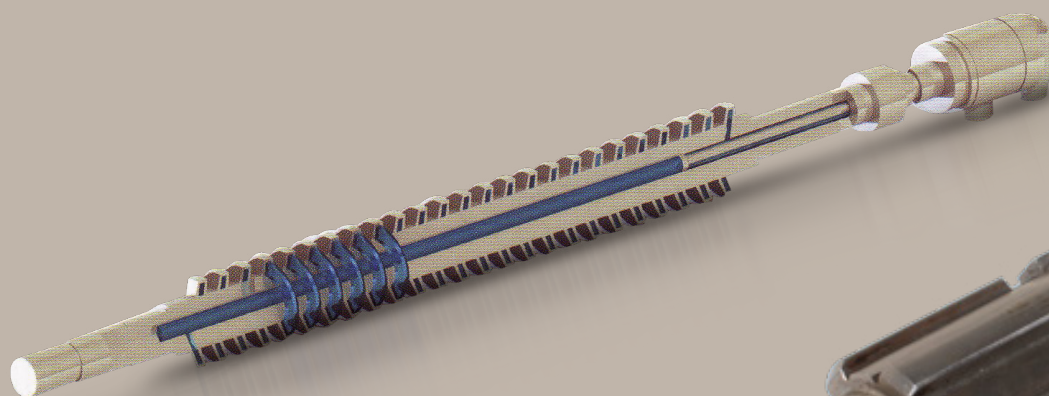
Two product view ports for visual inspection of the material in process.



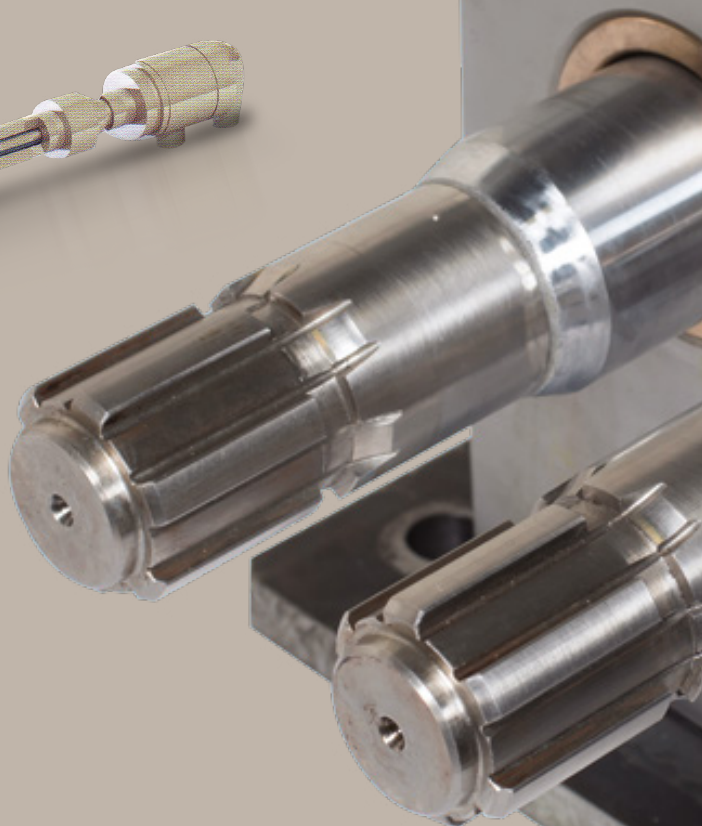
High temp rotary couplings for continuous heating or cooling media through rotating shafts.



Air over oil actuator to assist in cleaning and changing shafts. Powered by customer supplied compressed air.

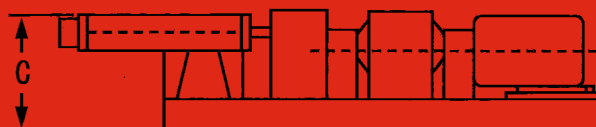
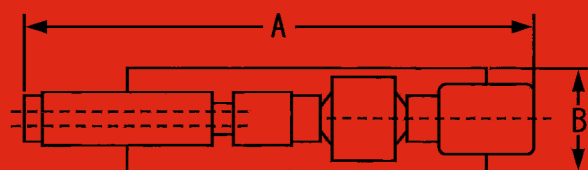


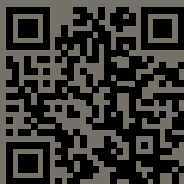
Specially designed shafts allow for maximum heat transfer and self wiping action. Splined shafts and couplings for precise timing and maximum torque allowance.



SPECIFICATIONS

MODEL	SCREW DIA. inch/mm	L / D (screw length / dia.)	TOTAL HEAT TRANSFER SURFACE AREA ft ² / m ²	RPM	MOTOR hp / kW	DIMENSIONS inch / mm			MACHINE WEIGHT lbs / kg
						A	B	C	
SCP-100	4 / 100	9 / 1	10.8 / 1.0	5-50/10-100	7.5 / 6	132 / 3300	28 / 700	32 / 800	2200 / 1000
SCP-200	8 / 200	9 / 1	45.5 / 4.2	5-35/10-70	30 / 22	200 / 5000	36 / 900	48 / 1200	13200 / 6000
SCP-250	10 / 250	9 / 1	70.5 / 6.5	5-30/10-60	50 / 37	244 / 6100	42 / 1050	50 / 1250	20000 / 9000
SCP-400	16 / 400	9 / 1	182.2 / 16.8	5-20/10-40	120 / 90	364 / 9100	52 / 1300	58 / 1450	40000 / 18000





| SCAN TO VIEW THE SC PROCESSOR IN ACTION |

SC
PROCESSOR



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