



WHERE DO YOU USE A MOKON WATER/OIL/CHILLER SYSTEM?

APPLICATIONS FOR TEMPERATURE CONTROL UNITS AND CHILLERS

PLASTICS PROCESSING

Thermoplastics – Injection Molding

Feed Zone and Feeding Devices
Screw (in special cases)
Mold
Hot Runner Section
Hydraulic Oil (in special cases)

Thermosets – Injection Molding

Material Feed Zone
Cylinder Jacket w/Pre-Heating and Nozzle Zone
Screw (in special cases)
Mold
Hydraulic Fluid (in special cases)

Compression Molding of Thermostats

Mold

Injection Blow Molding

Zones of the Mold (i.e. neck zone, jacket zone,
sprue zone, core)

Extrusion Blow Molding

Mold
Neck Zone

Extrusion

Zones of the Cylinder Jacket
Screw
Mold
Water Bath
Temperature Control of Extruded Material

Vacuum Forming and Deep Drawing

Mold
Automatic Revolving Deep Drawing Machines

Film Manufacturing

Former Rings
Draw-Off Rolls
Stretching of PE Films
Stamping Rolls
Antistatic Baths

Foaming

Mold
Component Tanks
Double-Walled Pipes

Hot Stamping Tools

Heating of Plunger
Cooling of Stamping Die

Compounding of Plastic Layers

Heating Cylinder

Preparation of Plastics

Double-Jacket Mixers
Kneaders: Temperature Control of
Cylinder Zones and Screw
Extruders: feeder zone, screw, cylinder
zones, mold –or- extruder head
Cooling Baths

RUBBER PROCESSING

Injection Molding

Cylinder (zone temperature control)
Screws (on larger machines)
Mold (in special cases)

Pressing

Mold
Fixing Plates
Vulcanized Tanks
Rubber Coating Machines
Primary Rollers
Kneaders
Drying Conveyors

CHEMISTRY, PETRO-CHEMICALS/OFFSHORE, CHEMICAL ENGINEERING, LABORATORIES

Driers for Lacquers and Paints
Drum Driers
Distillers
Autoclaves
Mixers
Reaction Vessels
Chemical Reactors
Glass or Plastic Heat Exchangers
Double-Walled Stirring Vessels
Double-Walled Melting Vessels
Any Kind of Double-Walled Containers –or–
such with Submerged Pipe Bundles
Baths for Test Glasses
Pumps
Heating of Fluids so that
these are pumpable

DIE CASTING

Aluminum Die Casting
Zinc Die Casting
Magnesium Die Casting
Salt Molds
Preheating Dies

PRINTING INDUSTRY

Cooling Cylinders
Heating Cylinders
Application Rollers
Laminating Rolls
Double-Walled Tanks for Application Fluid
Double-Walled Application Conduits
Reception Troughs for Application Fluid

TEXTILE INDUSTRY

Stretch Rollers of Spinning Machines

PAPERMAKING INDUSTRY

Pressing Rollers
Paper Calenders
Corrugated Machines
Printing Machines
Paper Presses
Drying Ovens

FOOD AND FOODSTUFF INDUSTRY

Boiling Vessels
Chocolate Bar Machines
Drying Systems
Stirrers
Mixers
Autoclaves
Belt Driers
Still Columns
Double-Walled Stirring Vessels
Cocoa Presses
Double-Walled Pipes
Heating of Rollers for Oil Extraction
from Nuts, etc.
Milling: Heating of Flour Conveying System.
Temperature Control of Rollers in
Feed Mills

OTHER APPLICATIONS

Dye Runners

Dye Tanks

Stoving and Fixing Frames

Dyeing Rollers

Calendars

Sizing Machines

Textile Coating with Plastics

Heating, Embossing, Cooling,
Lining Rollers

Photochemical

Tanks for Color Development

Film and Paper Making

All Kinds of Double-Walled Containers

Plasma Technics

Double-Walled Tubes

Double-Walled Vessels

Wax Modeling

Molds

Ski Making Industry

Presses

Manufacturing of Surfboards

Heating of Deep Drawing Process