



Large

Chill Roll &

Calendaring line

With three large rolls of 175 mm diameter and with heavy duty hydraulic lay on of both lower and upper roll against the center roll. Available with various roll widths up to 600 mm. Individual tempering for each roll. Motorized tilting mechanism for the roll stack so it can be placed in any position from horizontal to vertical.Individual servo motor drives for each roll.

our 25, 30, 40 and 45 mm, 30 L/D single or twin-screw

Available with unwinds for laminations and coatings. Wind ups in single or two station versions and with manual or automatic tensioning controls

All chill rolls are made from high grade tool steel with hard chroming and mirror polish surface. The rolls are cored with spiral channels for water cooling and heating. Polishing top roll with pneumatic as well as hydraulic high pressure lay-on to chill roll.

Flat dies with adjustable lips and with widths of up to 150 mm for bench top version and up to 550 mm for the floor versions. Standard die versions can be used for producing films down to 10 microns and sheets up to around 1.5 mm thickness





Bottle Blow Moulding Lines Single as well as Multi Layer Co-Ex Versions

Fully hydraulic, automatic bottle blow moulding attachment which can be attached to our 20 and 25 mm single screw extruders.

Producing single layer or multilayer bottles of up to 125 ml size.

With hot wire parison cutter.

Can produce bottles in almost all resin types that can be blown using this type of machine.







The co-ex line uses a streamlined die for optimum colour dispersion. A minimum amount of purging is needed for colour change over.







User-friendly colour LCD touch screen controls on all computerized mills.

Two-Roll
Polymer &
Rubber Mills



Benchtop mini mill.



Polymer mills available with roll diameters 100, 110, 150 and 200 mm. Roll heating system with TRUE 3-Zone electric system of oil heating and cooling as well as electric heating and water cooling.

From manual versions to fully automatic hands-free computerized mills used for colour matching, quality control and research.



Rubber mills with water cooled or oil heated and cooled rolls. With variable speed heavy-duty direct drives to the rolls.



Hydraulic laboratory presses from 20 to 80 MT platen closing forces, with double set of heating and cooling platens as standard (200 kN to 800 kN) Available with fully automatic platen insert cooling system as well as many platen configurations and control options.



Hydraulic Presses









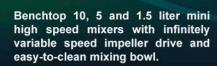
Fully Computerized ASTM Presses





Manual and computerized 5 and 10 liter high speed fluid mixers with optional matching cooling mixers for high power mixing of powders, dry blends and wax+pigment concentrates.











































Our machines are built in our new ultra modern factory and are designed from scratch by our engineers. They are built in air-conditioned clean room facilities with the state of the art tooling machines. Every single machine manufactured undergoes a very rigorous quality control program that can take up to a week to perform; this involves testing each machine using various types of polymers.

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Our laboratory machines are produced in Thailand under Swedish management.

They are made with the latest technologies and with the highest possible quality standard as well as fully conforming to European and other world safety standards.

Almost all the machines we produce are being exported to customers all over the world.

Since our start 27 years ago we have achieved a leading position in the world as the #1 choice for laboratory plastic and rubber processing machines.



In early 2008 we moved into our 5,000 square meter ultra modern factory with state-of-the-art production facilities

Labtech Engineering Co., Ltd

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