

LAB TECH ENGINEERING
COMPANY LTD



Our New Factory – Our State-of-the-Art Facilities – Our Company



Machining Department

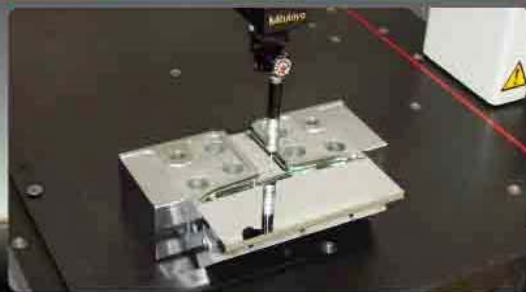
Here is where everything starts. All mechanical parts for our machines are made in-house by our skilled technicians, fabricating the parts on modern tooling machines using highest quality steel and metal grades.



We have many CNC milling and lathe machines on which we produce a large range of parts for our machines, such as twin screw elements, barrel modules and inserts, gear boxes and single layer as well as co-ex film blowing and sheet dies. All machining is carried out in clean rooms with air-conditioning to provide a pleasant working environment for the operators as well as to ensure a very clean environment, free of dust and contamination.

Quality Control Department

A very important part of our manufacturing is Quality Control. Here we inspect every single part produced in the machining department. We measure and record the hardness of the parts and we use a state-of-the-art computerized 3D dimensional test machine as well as an optical measuring instrument to measure and record all dimensions. We also check our filter packs in a custom-made machine to ensure they meet the required standards.



Store Room Every single part stored here has been scrutinized in our rigorous QC Department. With this we ensure that the parts when assembled will fit exactly and will meet with our high quality standards. In addition all electrical and electronic parts are stored here. The store room also contains all spare parts which are ready for immediate delivery to our customers whenever called for.

Assembly Department

All our machines are assembled in an air conditioned clean room hall. The machines are put together with the utmost care, ensuring that all components are correctly assembled, including all electrical and electronic components. In an adjoining hall we perform very rigorous pre-delivery tests that can last for up to one full week or even longer for larger lines. The machines are tested

with all polymer types applicable for that specific machine and we also check that all of the safety features function properly and that they are in full conformity to CE and all other safety standards.





Upstairs we have the Body Building Department

Here we fabricate all body parts for the machines starting from steel profiles and sheets. The parts are all shaped by hand and welded together with TIG as well as Argon welding methods. After completion of all steel work, the parts are sandblasted to remove all oxidations and the bare steel then undergoes a very rigorous painting process. Here we firstly paint and spackle three layers of primer with hand sanding in between each layer after which we paint with two layers of epoxy paint. This very careful painting process, using a total of five paint layers, is carried out with the same care and attention on both the inner as well as the exterior body surfaces, thus ensuring that the machines look good, inside and out, for many years of service.



Our Design Department Upstairs



Here all machines are designed from the very first bolt to the final machine ready to be used. We use state-of-the-art designing methods such as the 3-D software Solid Works where all functional designs can be made to move and intermesh, to ensure that their functions are exactly the same as those of the final product. In the Design Department we also do all the electrical designs with the aid of the most modern software programs.



Our
Office
Upstairs



We have strived to design our office with a modern and pleasant look and with highest possible functionality. With this we think we have created a very inspiring working environment where we all enjoy our work which is furthering our creations of new machines.

Our company

Labtech Engineering started production back in 1983. We were then only a handful of people while today we have a workforce of over 150. Our machines are made with Swedish technology and management together with our very well-qualified and dedicated team of Thai Managers, Engineers and Technicians.

Our acceptance

We have, since our inception, enjoyed very good acceptance by our customer for supplying them with machines of the highest European quality standards at very favourable prices. We take pride in every machine we produce.

Our markets

From the time Labtech Engineering first started up in business we have been exporting machines around the world. We were, as late as only a few years ago, much better known abroad than here in Thailand. This situation has now changed but still around 90% of all the machines we produce are exported to customers in all corners of the world.

Our service

An important part of our organization is to provide best possible after sales service. Thus we have a team of experienced technicians who travel all around the world whenever called for, doing commissioning and training on new machines as well as maintenance. We have a very large stock of spare parts that we can ship on the same day we get the order so that they reach the customer by courier in only a few days.

Our development

We are constantly designing new machines. At our first international introduction with the exhibition at K 1998 we had only two-roll mills, presses and mixers. Since then, only a little more than a decade has past and we now have a very large range of machines which is one of the largest in the world. And we are continuing to design three or four new machines every year.

Our capacity

Up to now we have shipped over 2,000 of our machines to customers around the world and with our new factory we have realised a much needed production increase which, as of 2009, amounts to some 40 machines per month.



Labtech Engineering Co.,Ltd

Bangpoo Industrial Estate, 818 Moo 4, Soi 14B, Sukhumvit Rd., Praksa, Muang, Samutprakan 10280, Thailand

Tel: +66-2-709-6959 Fax: +66-2-710-6488

E-mail: labtech@labtechengineering.com Web: www.labtechengineering.com