

BABY'S



Lambros Barkas,
Manager of Engineering R&D,
Linette Hellas SA

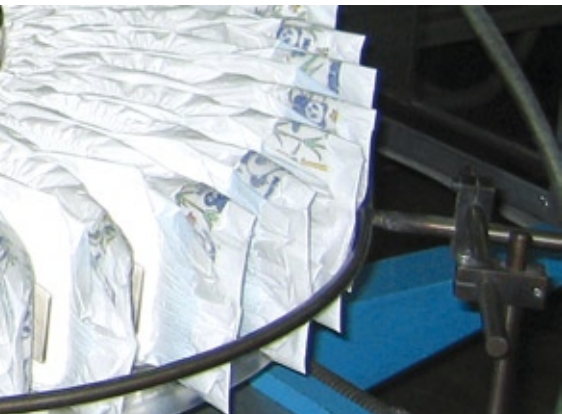
“Our packaging machines are easy to operate and to maintain, while offering short product change times. In addition, we are able to manufacture the machines at extremely low cost, approximately 50% below the market average.”

The Greek Cypriot company “Linette”, founded in 1987, originally specialized solely in diaper production. Dissatisfied with the efficiency of the diaper production machines, Linette began to get involved with the internal workings of the machine. Little by little, they started with the development and production of machine parts. This eventually led Linette to produce complete machines themselves. The combination of machine manufacturing and production of diapers gave Linette the leverage for a unique position on the market. The most notable advantage came from the in-depth knowledge Linette gained for both “diapers” as a product as well as the requirements in the process of diaper production. This enables Linette to manufacture machines with a higher capacity output while achieving superior quality (and still at a lower price) than the competition. Furthermore, extremely fast product change times are achieved with the use of innovative technologies.

In the area of machine manufacturing, special packaging machines for diapers as well as winders for raw materials such as film (cut-and-place applicators) are being developed and manufactured. In addition to serial production, the machines are also made to meet special customer requirements. The export of these machines reaches far beyond Europe’s borders. Deliveries are being made to customers as far as Asia and Latin America.


The **packaging machines** which are designed, manufactured and installed completely by Linette contain ten servo axes which perform the entire diaper packaging process. The performance rate reaches 32 fully packed sacks per minute. This machine can be used for baby diapers, as well as diapers in other sizes such as those for adults. The B&R 2005 system is used as the control system. Currently, NC154 modules are being used for the servo positioning. Despite the good experience with these modules, a changeover to the ACOPOS servo drives will soon be planned. Compared to other machines available in the “diaper market”, Linette machines offer the highest performance and efficiency at the lowest price. Until now, the machine running in the Greek plant in Thebes since 1998 was produced in three identical copies and is used in various plants belonging to the corporate group.

WISH



“The software products from B&R are very user-friendly. The use of high-level languages makes it possible for my employees to quickly and easily create projects. The hardware is easy to operate and install in the switching cabinet. Everything works together and has a great design.”



An application developed by Linette using modern servo technology is implemented on the **handling machines**. Knives and applicators use cam profiles to follow the current speed of the fed base material, which is controlled by a feed axis serving as master axis. A total of three servo axes are coupled for applying the various materials to the base material and then cutting. The amount of maintenance required can be reduced by eliminating the mechanical coupling. 



As a specialist in diaper production and diaper production machines, Linette manufactures at two locations in both Greece and Cyprus. A total of nearly 350 million baby diapers and 50 million adult diapers are produced per year. In addition to their own brand “Nanny”, among other things Linette also produces diapers in the high-price segment for the European distribution line of wholesale chains such as Wal-Mart or Carrefour.

www.linette.com