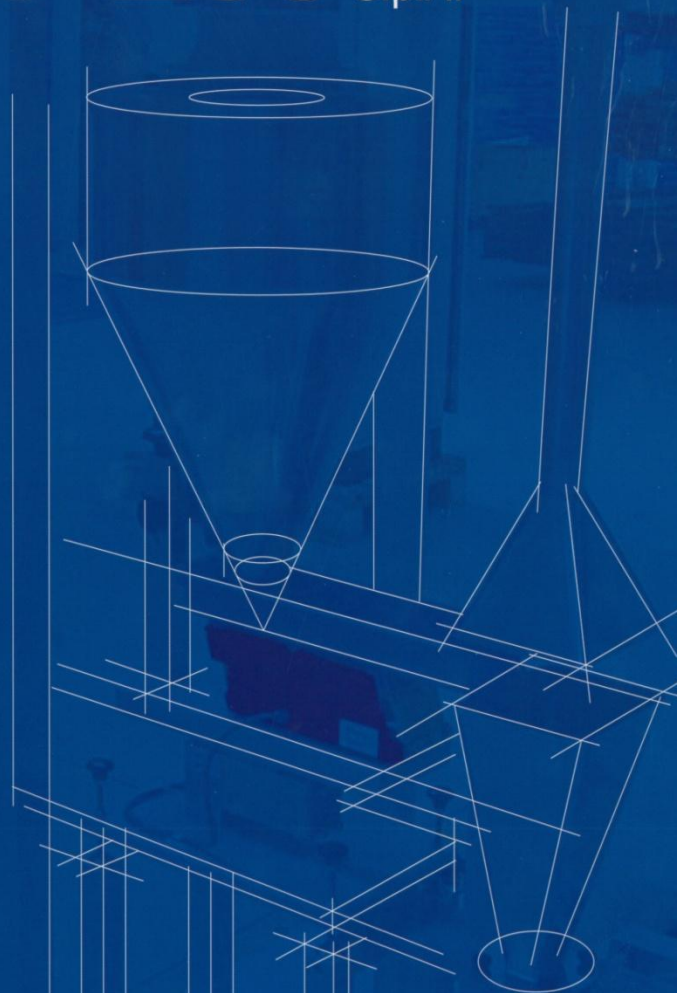


# PRECISION IS OUR BUSINESS



LICO S.p.A.



# PRECISION IS OUR BUSINESS

## How to reach us.

Coming from Milano  
By car: Motorway A8 "Milano-Laghi"  
By flight: Malpensa airport  
By train: FS Milano - Porto Ceresio - Arcisate  
Coming from North Europe  
By car: Swiss Motorway San Gothard-Chiasso (Como)  
By flight: Agno (Lugano) airport  
By train: Swiss FFS San Gothard-Chiasso (Como).



LICO S.p.A.

LICO S.p.A.  
Via Cavour, 92 - 21051 Arcisate (VA) - Italy  
[www.lico.it](http://www.lico.it)  
[lico@lico.it](mailto:lico@lico.it)  
Tel. (+39) 0332 476611 - Fax (+39) 0332 474005



Batch weighing and mixing

## **BELONGS TO THE PAST**

### **WHO IS LICO?**

Established in 1979, LICO S.p.A. has ever since focused on the study and selling of industrial technical solutions, including loss-in-weight feeders and continuous mixers for solids and liquids.

In the 1990's, LICO developed and introduced into the market the technology solutions named "DOS stations" and "Continuous Turbo-Mixer".

In 1998, LICO was certified UNI-EN ISO9001.

Since 1999 LICO activity has moved to a technically advanced laboratory.

### **WHY CHOOSE LICO?**

#### **PRECISION**

LICO gravimetric feeders and continuous mixers hold a leading position worldwide for their precision.

#### **RELIABILITY**

The accuracy of LICO systems is supported by the high quality standard of the mechanical and electronic solutions which LICO has implemented in over forty years of operations in the industry.

#### **EASE OF USE**

LICO has put the reliability and ease of use of our devices at the heart of his winning strategy.

By continuous feeding and mixing

## **WE'LL BRING THE FUTURE TO YOU**

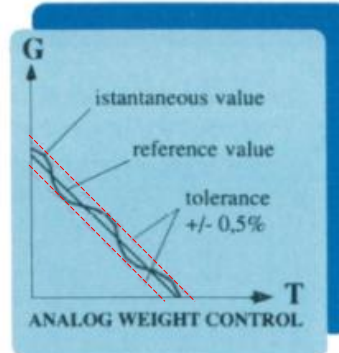
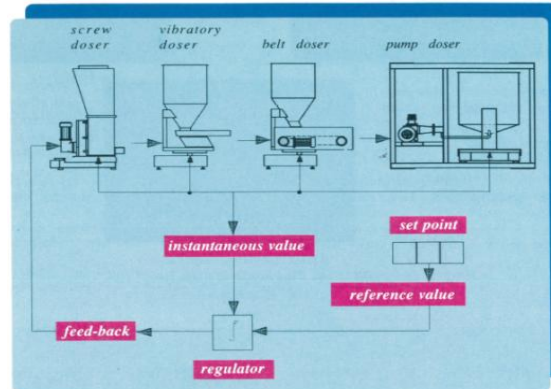




# LOSS-IN-WEIGHT FEEDERS WITH AN ANALOGUE CONTROL SYSTEM

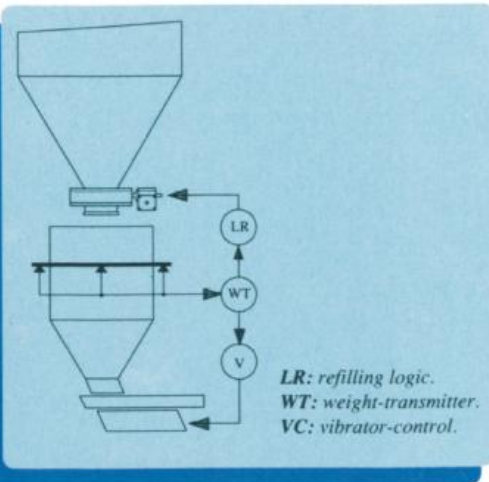
## LICO PRODUCTION

Production range includes screw, spiral, vibratory channel, belt and pump dosers. The working feed rate goes from 50 g/h to over 100 ton/h



## FUNCTIONING

Loss-in-weight control by meaning of fully integral analogue function.



## AUTOMATIC REFILLING

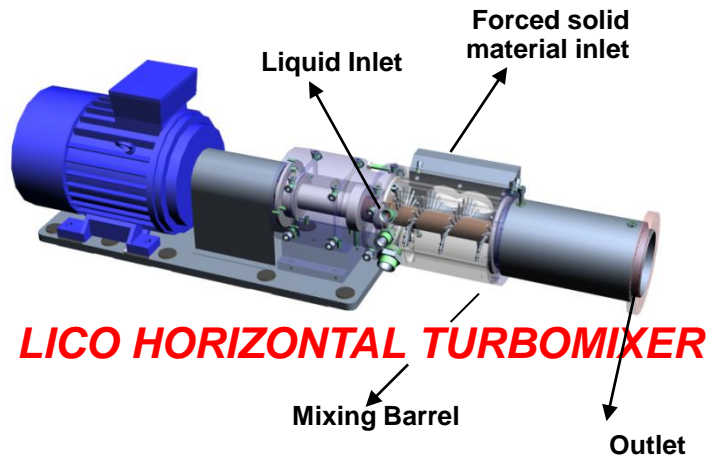
The weighing system controls an electropneumatic on-off valve which allows refilling





# Horizontal e Vertical Lico Turbomixer

The LICO CONTINUOUS TURBOMIXER is available in VERTICAL AND HORIZONTAL CONFIGURATION



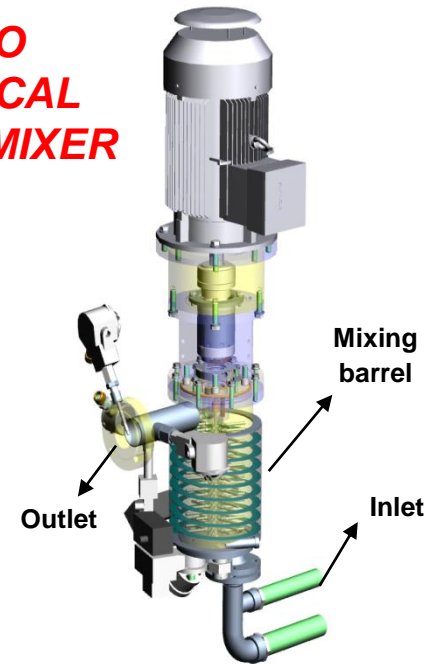
**LICO HORIZONTAL TURBOMIXER**

## VERY SHORT RESIDENCE TIME

from 3 sec up to 15 sec

All the materials passing through the mixer are always homogenized on the same way.

**LICO  
VERTICAL  
TURBOMIXER**



## RESIDENCE TIME

from 15 sec up to few minutes

During the phase of dispersion there is NO AIR inside. NO OXIDATION and NO BUBBLES





# Continuous gravimetric dosing (loss-in-weight feeder) and mixing with Lico Turbomixer

*(Loss-in-weight feeder)*



*Accurate dosing  
of each component*

*(Lico Turbo Mixer)*



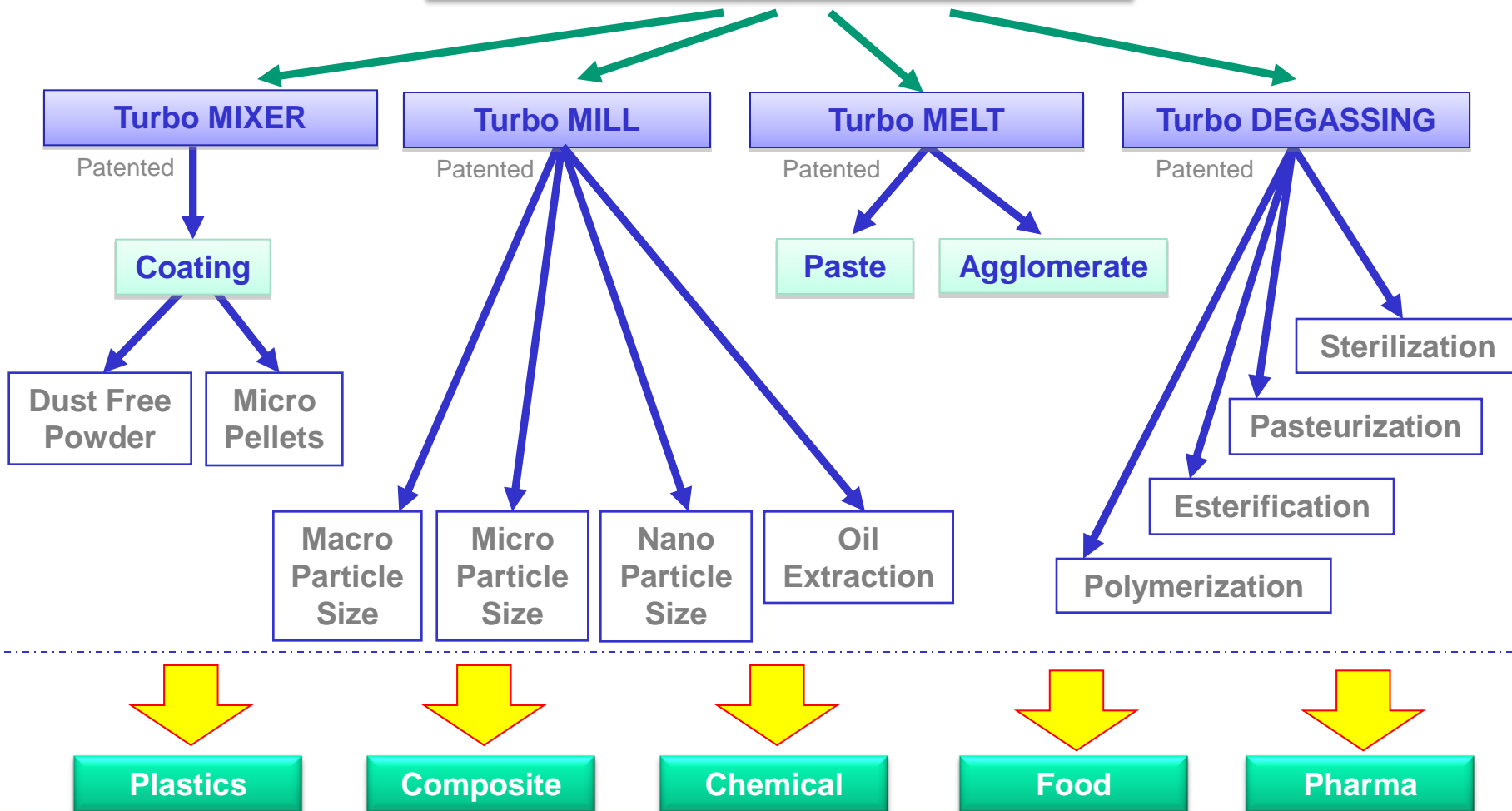
*High efficiency and self cleaning  
continuous mixing*





# Applications

## LICO TECHNOLOGIES (Dosing and Mixing)







# University of Turin (ITALY)

## Scientific and Technical award



**DSTF**  
Dipartimento di Scienza  
e Tecnologia del Farmaco  
UNIVERSITÀ DI TORINO

EUROPEAN SOCIETY OF SONOCHEMISTRY



Torino, 15 aprile 2016

*a Franco Lico*

Per il Suo importante contributo tecnologico alla ricerca scientifica ed  
allo sviluppo sostenibile nell'ambito dell'intensificazione di processi industriali

*Il Direttore del Dipartimento di Scienza e Tecnologia del Farmaco dell'Università degli Studi di Torino  
e Presidente della "European Society of Sonochemistry" Prof. G. Cravotto*

## Department of Drug Science and Technology