

# Use distributions for the feeder

Last Modified on 06/11/2019 8:48 am CET

It is possible to distribute products from the Feeder using probability distributions. If **Feeding Interval** is set to **Distribution** a number of different options are displayed.

Default	Process	Product
Feeding Interval	Distribution	▼
DistributionInterval	uniform(5.000000, 15.000000)	
Feeding Mode	Continuously	▼
Distribution	Uniform Distribution	▼
Maximum	15.000	\$
Minimum	5.000	\$

In the parameter **Distribution** it is possible to choose between different probability distributions:

- **Normal distribution** – Input: [Standard Deviation, Average]
- **Uniform distribution** – Input: [Maximum, Minimum]
- **Exponential distribution** – Input: [Mean]
- **Gamma distribution** – Input: [Alpha, Beta]
- **Triangular distribution** – Input: [Maximum, Medium, Minimum]
- **Weibull distribution** – Input: [Alpha, Beta]

If the random value is below 0.01 seconds it is automatically adjusted to 0.01.