

Marumerizer[®]

Model QJ-700T



LCI's QJ-700T Marumerizer is a production scale spheronizer which converts wet pellets into spheres.

Features

- Shaft seals are purged to prevent product contamination
- 700 mm diameter friction plate
- 20 liters nominal batch size
- Batch operation with automatic discharge valve
- 316 SS GMP design with high polish finish
- 304 SS heating/cooling water jacket to prevent material sticking on the bowl
- Integrated plate lifting device
- Limit switches on lid and discharge chute for safety
- Caster mounted
- 7.5 hp inverter duty motor in 460 VAC/3/60
- Integrated controls on machine frame or articulating arm
- Compressed air under plate



Operation

Pellets are fed to the spinning friction plate and thrown against the Marumerizer bowl forming "twisting ropes". Collision of particles with the wall, friction plate, and with other particles, results in the deformation of the pellets into spheres. The final particle shape is time and formulation dependent. Once the desired particle shape is achieved, the discharge valve is opened and the batch collected.

LCI Corporation is the exclusive distributor for Fuji Paudal Company, Ltd. in the Americas.

Marumerizer Model QJ-700T Dimensions (shown in mm)

Weight: 700kg

