Model G300
Bag palletization robot, cartesian gantry

The G300 model is designed for low capacity applications up to 300 bags / hour for sacks from 5 to 50 kg.
The palletizer with a motorized gripping tool is a machine specially designed for low capacity operation not exceeding 300 bags per hour.

Recognition of the economic constraints linked to this type of workstation has led to the production of a machine combining flexibility, standard components, reliability and cost.

**PRINCIPLE OF OPERATION:**

Bags are picked up one at a time by a gripper, then deposited on the pallet via a cartesian gantry.

A configurable template lets you prevent bags slipping when they are deposited.

A specific programming tool avoids the need for a long and painstaking programming by teaching. In fact, the machine comes with standard automatic calculation software that is very easy to use via a touch screen.

**THERE ARE TWO VERSIONS OF THE G300:**

There is a semi-automatic version of the G300 (where empty pallets are supplied and full pallets are removed using a pallet truck) and an automatic version (with an empty pallet dispenser and removal conveyors).
1. Bags arrive centred on the roller conveyor.

2. An elevator lifts the bag to grab level.

3. The gripper, equipped with centring devices, grabs the bag.

4. The cartesian gantry positions the bag where it needs to go.

5. The bag is guided by the centring devices during positioning. A side template maintains the layer.


8. The machine is equipped with a modem. A remote maintenance service is there to help you.

9. Interactive automatic calculation software lets you programme new products easily and quickly.
newtec bag palletizing, is also:

- A complete range of bag palletizers from 100 to 4500 bags/hour with layer deposit.

- A complete range of stretch hoods.

- Automatic baggers for valve, open mouth and FFS bags.