

## Automatic Box Packing and Plastic Bag Packing

Pet All has introduced a full range of combinations for pack-out at the end of the line. Email: [cmerrick@petallmfg.com](mailto:cmerrick@petallmfg.com) (Chris Merrick) for information.

# Pack-out Systems

Pet all has developed a range of pack-out systems to go behind our blow molding machines.

### These fall under the following categories:

1. Packing into boxes in multilayer.
2. Packing into boxes with in-feed leak detector and variable leak detector conveyor (S shape, U shape, straight inline, detachable on castors, vacuum).
3. Vacuum plastic wrap pack-out of bottle sets - semi-automatic.
4. Vacuum automatic pack-out in sets, with fully automatic sleeving.
5. Same as 4 above, but 1 side or 2 side wrap.
6. Same as 5 above, with robot pick and place to put wrapped sets into stacks.
7. Same as 6 above, but with interleaving of cardboard sheet.

The above combinations are made by 2 different suppliers in Asia, and below is a photo. The main pack out machine into sets is the same for both box packing and plastic wrap packing.



## Videos

A selection of videos is available on the above (below):

1. 4 Side Auto Plastic Bagger: <https://youtu.be/V0u8zdGh3tQ>
2. 4 Side Auto Plastic Bagger and Robot Takeout: <https://youtu.be/3Ow39G4VjiQ>
3. Auto Boxer Packer: <https://www.youtube.com/watch?v=5kLH2kqpLRo>
4. Double Lane - 2 x Output – Bagger: <https://youtu.be/KLzLbmxJRK0>
5. Full Automatic Plastic Bagger Robot Packer:  
<https://www.youtube.com/watch?v=kbZD0ek3a4Q>
6. Takeout Auto Leak and Semi-Auto Plastic Bagger:  
<https://youtu.be/3AfOgLmNpzg>

For each quotation we need the following information:

Because each system appears to be custom finished, exact data has to be provided for a given quotation.

- Bottle dimensions
- Number of bottles per pack
- Box size
- Number of layers
- Whether hand position sleeve or automatic sleeving.
- Speeds required
- Robot job: stacking and interleaving