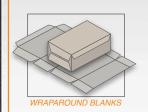
MASSMAN Automation Designs, LLC

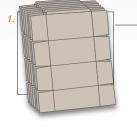
Streamlining Production Through Automation™

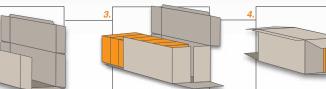
CASE BLANK OPTIONS

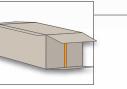


WRAPAROUND CASE PACKER

- 1. The wraparound case blanks are loaded into the case blank magazine to be dispensed into operation.
- 2. The wraparound blank is pulled from magazine and erected in the set-up station.
- 3. The erected case is then indexed to the load station where product is loaded into the case.
- 4. The case then indexes to the gluing station, while manipulating major and minor flaps.
- 5. The case is squared and compressed to allow the glue to set and then the case is discharged.



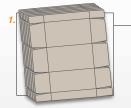


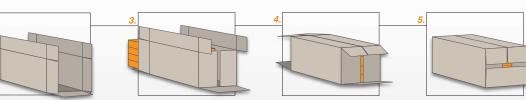


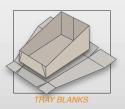




- 1. The harness style case blanks are loaded into the case blank magazine to be dispensed into operation.
- 2. The harness blank is pulled from magazine and erected in the set-up station.
- 3. The erected case is then indexed to the load station where product is loaded into the case.
- 4. The case then indexes to the gluing station, while manipulating major and minor flaps.
- 5. The case is squared and compressed to allow the glue to set and then the case is discharged.







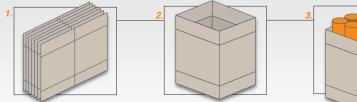
- 1. The tray case blanks are loaded into the case blank magazine to be dispensed into operation.
- 2. The tray blank is pulled from magazine and erected in the set-up station.
- 3. The erected case is then indexed to the load station where product is loaded into the tray.
- 4. The case then indexes to the gluing station, while manipulating major and minor flaps.
- 5. The case is squared and compressed to allow the glue to set and then the case is discharged.

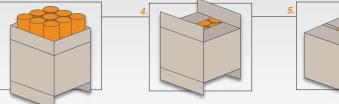




TOP LOAD CASE PACKER

- 1. The knock down (KD) case blanks are loaded into the magazine to be dispensed into operation.
- 2. The KD blank is pulled from the magazine and erected in the set-up station.
- 3. The erected case is indexed into loading station, bottom is closed and product is loaded through the top of the case.
- 4. The case then travels through the gluing or taping station as the flaps are manipulated.
- 5. The flaps are then compressed if glued, and the completed case is discharged.

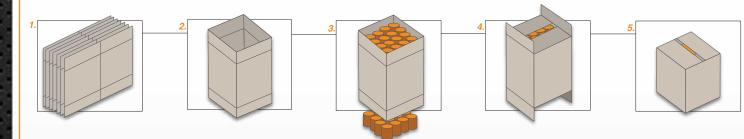






BOTTOM LOAD CASE PACKER

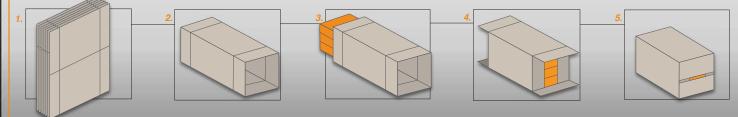
- 1. The knock down (KD) case blanks are loaded into the magazine to be dispensed into operation.
- 2. The KD blank is pulled from the magazine and erected into loading position.
- 3. The erected case is then loaded with product from the bottom side of the case.
- 4. The case is then indexed for flap manipulation and gluing or taping.
- 5. The completed case is then discharged.





SIDE LOAD CASE PACKER

- 1. The knock down (KD) case blanks are loaded into the case blank magazine to be dispensed into operation.
- 2. The KD blank is pulled from magazine and erected in the set-up station.
- 3. The erected case is then indexed to the load station where product is side loaded into the case.
- 4. The case then indexes to the gluing station, while manipulating major and minor flaps.
- 5. The case is squared and compressed to allow the glue to set and then the case is discharged.



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