TORNADO CARTONER L _____

Complete packaging line with single integrated automation that controls the packaging machine, the interface and the cartoning machine.
Special solutions have been employed to optimize the integration of the packaging machine within the line thus avoiding microstops due to e.g. sachets sticking to each other. Micro stop management is also integrated in the line (i.e. by handling the doser and feeding tubes movement out of line according to the duration of the stop). The integrated automation allows to eliminate the interchange of signals between the various units of the line with all the related problems and procedures. The interface permits to work on a wide range of line numbers and widths, as well to pass the pre-stacked sachets to the cartoning machine, laying flat (horizontal mode) or on edge (vertical mode) with the insertion possible from both sides, either on edge or flat.
Only pre-glued displays are foreseen for this line (with both glue or mechanical closure). The maximum speed is 80 cycles/min.
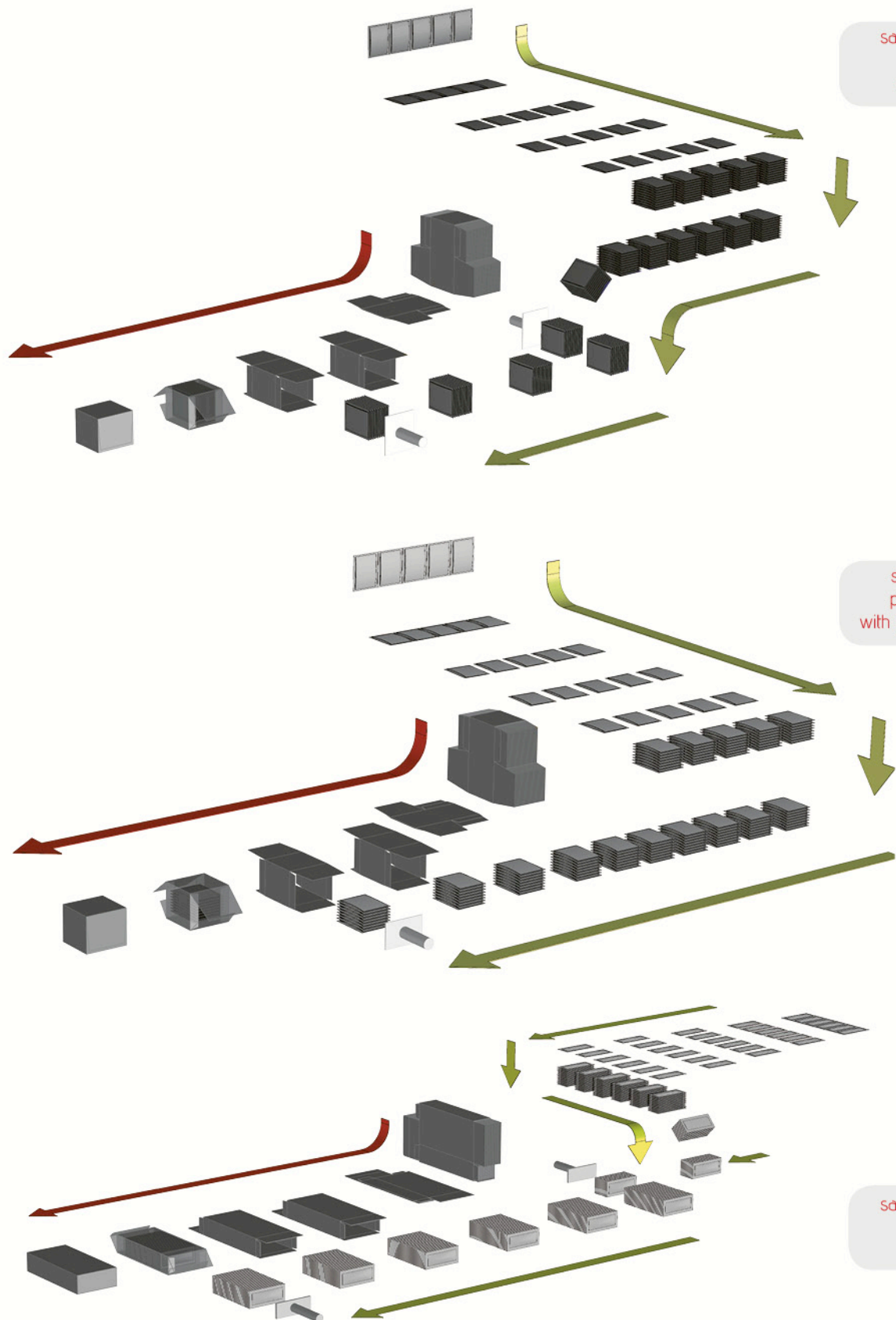
technical details

with 90° rotation [sachet on edge]		without 90° rotation [flat sachet insertion]	
box width [min / max]	15 – 150 mm [height os stacked sachets]	box width [min / max]	15 – 150 mm [sachet width size]
box height	15 – 100 mm [sachet width]	box height	15 – 100 mm [height of stacked sachets]
box length	60 – 250 mm [sachet height / sachet length]	box length	60 – 250 mm [sachet height / sachet length]
output speed	up to 80 cycles/minute on the interface. Cartoner speed according to the interface output.	output speed	up to 80 cycles/minute on the interface. Cartoner speed according to the interface output.
voltage	400 V + N + PE	voltage	400 V + N + PE
installed power	25 Kw	installed power	25 Kw
average absorption	2 – 3 Kw	average absorption	2 – 3 Kw

sachet on edge in pre-glued display, inserted with pusher (pushing on edge)

sachet laying horizontal in pre-glued display, inserted with pusher (pushing on edge)

sachet on edge in pre-glued display, inserted with pusher (pushing on side)

Technical documentation [DQ., IQ., OQ., PQ., FDS, RA, FAT, TM, QPP, etc...] available on request.
For descriptions in other languages, please refer to our website: **www.boatopack.com**
Technical data, like power and air consuption, depends on the machine + doser + optional configuration, this info will be supplied with the project quotation.