

Duetto

The Duetto line is the high speed machine derived from Lotus +1600. It is a fully automatic line without operator intervention, specifically designed for the diversified manufacturing of cross-folded wet wipes; it enables to change the format both in width and in length, which makes it unique in the world of cross-folded wet wipes lines. Its special design, characterized by a double line without vacuum system, makes it possible to produce high-quality packages.

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Product infeed	automatic on 4 lanes
Machine working direction	at customer request
Primary voltage	400 V (+/- 5%), 50/60 Hz, 3 PH
Secondary voltage	233 VAC, 24 VDC
Installed power	25 Kw
Functioning	electronic pneumatic
Control	electronic
Total change-over efficiency	99,9 %
Waste for splice	2 stacks
Mechanical speed	1600 wipes / min
Working speed	up to 2400 wipes / min
Design speed	2400 wipes / min or 200 ppm
Production speed	up to 2400 wipes / min
Machine speed	min 240 clips / min - max 2400 clips / min

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Lotion add on rate	min 100% - max 400%
Lotion viscosity	min 10 cps - max 150 cps
Folded length	min 3 inch - max 4.3 inch
Folded width	min 2.5 inch - max 4.3 inch
Unfolded length	min 6.7 inch - max 8.7 inch
Unfolded width	min 5.1 inch - max 11.8 inch
Basis weight	from 22 gsm up to 80 gsm
Maximum roll width	min 24 inch - target 46.7 inch - max 46.7 inch
Maximum roll diameter	min NA - target 46.7 inch - max 46.7 inch
Maximum roll weight	150 Kg
Core diameter	min 2.99 inch - target 3.93 inch - max 3.07 inch
Format change-over time	from 15 min up to 2 hours
Splice	automatic-manual
Count	0.2 inch
Stack height	min 0.2 inch - max 2.4 inch (+ / - 0.1 inch)