

NEXT

WET WIPE CONVERTING LINE



IMA  **TEKNOWEB**

Nonwoven Converting and Packaging Solutions

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NEXT IS TEKNOWEB'S TOP RANGE PRODUCTION PLATFORM FOR LENGTH-FOLDED WIPES, PROMPTLY ANSWERING MANUFACTURERS' REQUESTS IN TERMS OF HIGH-SPEED, EFFICIENCY AND REDUCED MACHINE STOPS.



HIGHLIGHTS

- HIGH THROUGHPUT, UP TO 300 PACK/MINUTE
- REDUCED REJECTS PER SPLICE
- LOW MAINTENANCE / MANNING
- LIMITED FOOTPRINT THANKS TO ROLLS VERTICAL POSITIONING
- NO-PLASTIC MATERIALS CAPABLE



NEXA is a high-speed converting line, reaching **up to 300 packs/min** and **up to 1000 cuts/min** by using a proprietary cutting unit with 20/25 lanes only.

It means shorter lines, less manpower, compact CIP. Great space saving is obtained thanks to the disposition of rolls, coupled and placed vertically.

The use of full stainless-steel guards, alike in all metal parts of the machine in contact with the product, reduces to the minimum the risk of any possible contamination, also with the optional possibility of special frame plates to segregate drive side.

NEXA is equipped with the **most effective splice technology** on the market, which allows to reduce rejects and minimize total machine scraps. It also avoids use of unwanted “tails” during roll splices, which are source of unplanned stops in standard machines.

Special pulling stations with timing belts are in the end providing ultimate cut length precision.

The wetting system is totally configurable:

- One or more sanitary pumps with dedicated flowmeters, for perfect lotion dispensing on each wipe
- Adjustable width or fixed width wetting bars, one per lane, to minimize lotion waste
- Free choice of pre-fold wetting, post-fold wetting or both together, depending on substrate type.

The HMI (Human Machine Interface) is operator-friendly and integrates an automatic substrate guide system.

Up to 3 flow wrappers can be fed by the high performing stacker, to get the most of Next's production potentials.

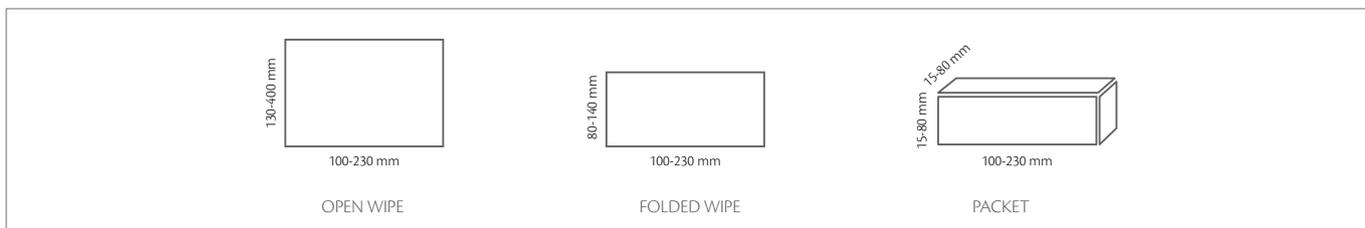
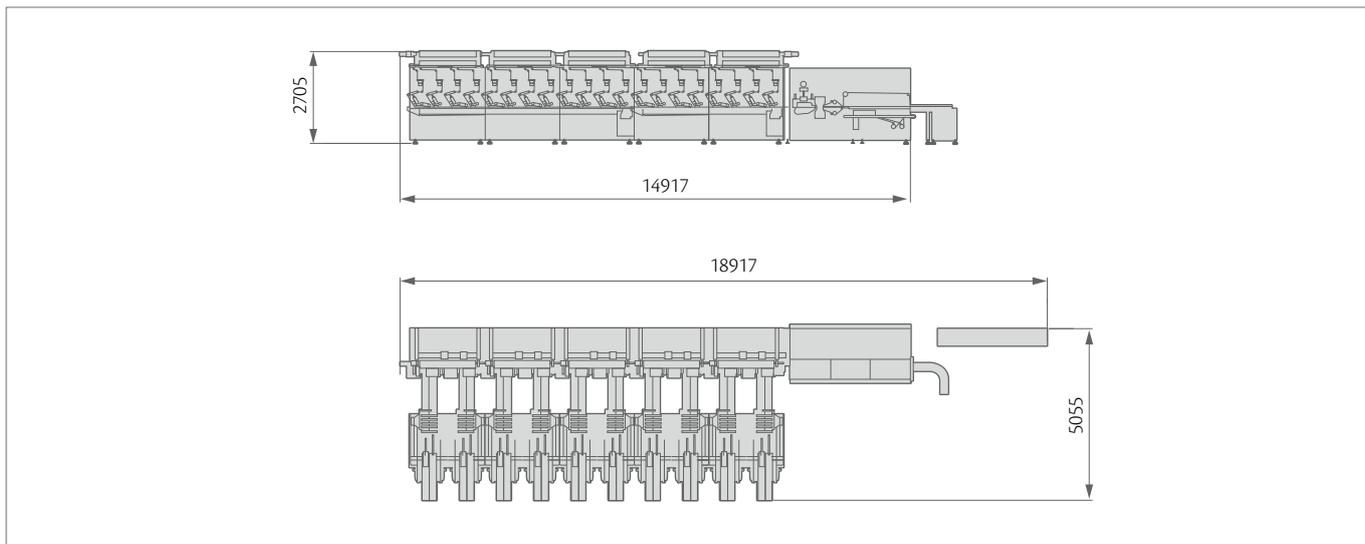
This extremely reliable converting line ensures production efficiency higher than 95%, complying with all best safety standards.



IMA NOP: SUSTAINABLE SOLUTIONS FOR PACKAGING

NEXA converting line can process dispersible and compostable raw materials, thus embracing IMA No-Plastic (NoP) program: part of the IMA Zero project, NoP is the Group's commitment in reducing carbon footprint and the use of plastic in packaging. The goal is mitigating environmental impact, leading to a more efficient use of resources.

TECHNICAL DATA



Design speed (wipes/min)	Up to 24.000
Operating speed (wipes/min)	Up to 21.600
Cutting speed (clips/min)	Up to 1000
Stacking speed (stacks/min)	Up to 300
Linear speed (m/min)	Up to 200
Number of lines	Up to 25
Drive system	Full servo
Roll diameter (mm) std opt	1200 1500
Pre-cut reels width (mm) min max opt	130 210 400
Semi-jumbo roll (mm) min max	800 1200
Cutting technology	Pinch die cut
Stack length (mm) min max opt	100 230 400
Web centering device	Yes
Folded wipe width (mm) min max opt	80 140 160
Reels splice	Automatic, zero speed
Interfolded	Yes/No
Fold type	Z, C, W, modified V
Clip height (mm) min max	5 25
Stack height (mm) min max	5 80
Count min max	12 120
Quantity of lotion(%) min max	200 400
Efficiency (%) pre-cut rolls semi-jumbo	> 90 > 95
Waste (%)	< 3



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