

**DRY STEAM PROCESS FOR THE CONTINUOUS
CLEANING OF STRIPES, WIRES AND BANDS**

WWW.REASRL.EU

CONTACT : info@reasrl.eu

Phone : +39 011 0741106



DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES

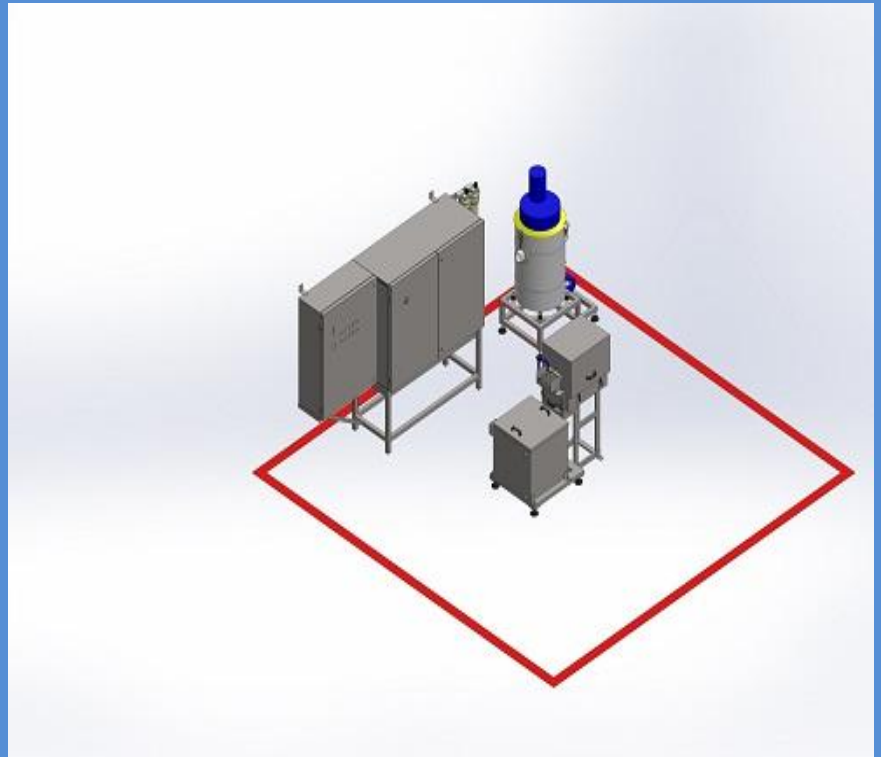
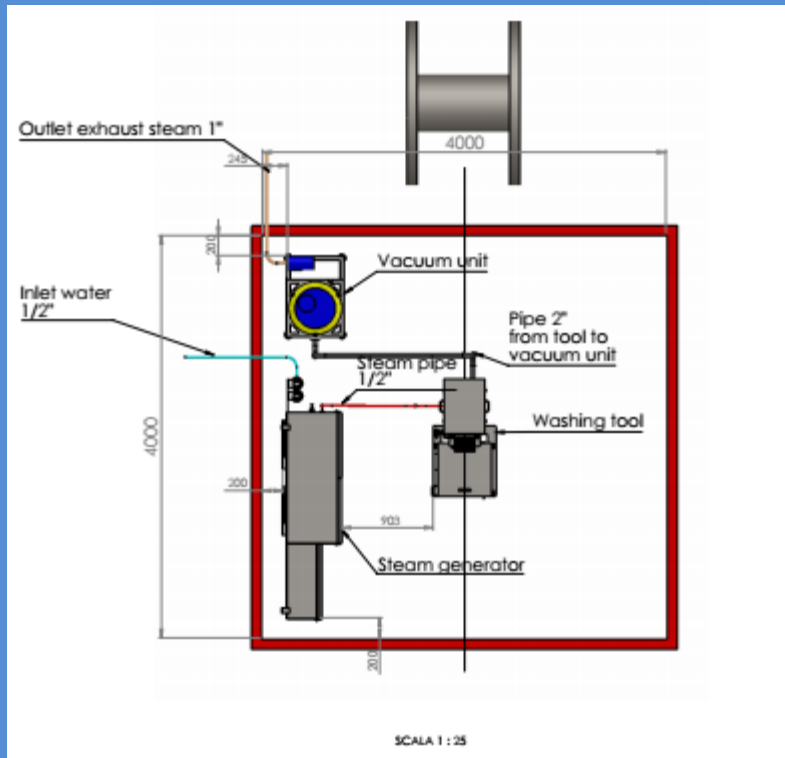
- A very simple, reliable process
- The cleansising fluid is always fresh and clean
- Very low quantity of waste water
- Suitable for speed up to 60 m/mn
- Cleaning, degreasing and drying in a single tool
- Very small footprint of the cleaning tool (approx. 50 cm)
- No contact between the stripe and the cleaning tool
- Versatile system : mobile tool with interchangeable cleaning chamber (toolfree)
- Final cleaning result up to 38 mNm (superficial tension)

DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES

Temperature (110°) + pression (10 bars) + suction
= the stripe is perfectly degreased, microparticles are removed ,
the surface is dried , all in a single, compact tool

- **Pollutants (oil, grease, particles) are removed from the surface by the combined action of temperature and pressure**
 - **Steam that forms into the washing chambers, as well as condensed water with pollutants, are continuously vacuumed and accumulate in a tank with automatic discharge**

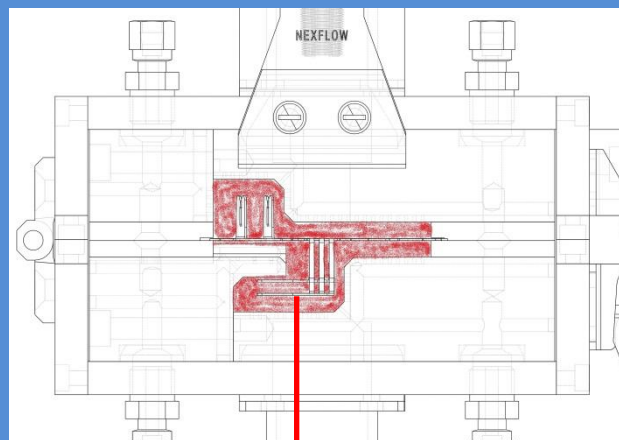
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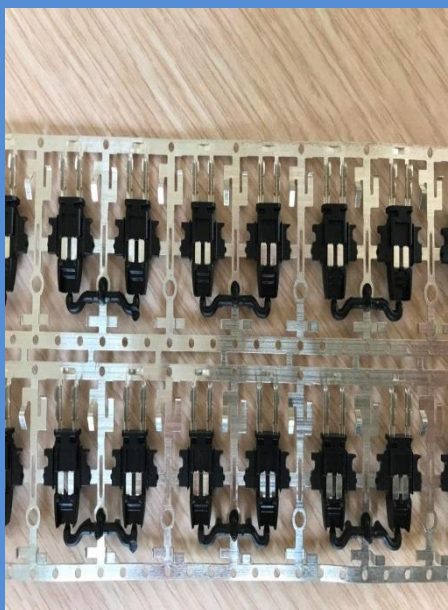
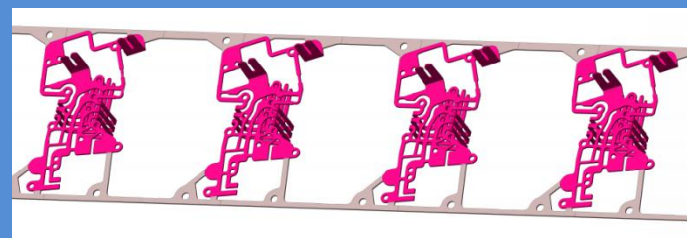
The complete system is modular, steam generator and vacuum unit can be remoted from the cleaning tool : easy to fit on any existing production line

DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES REA CLEANING SYSTEM ALLOWS TO TREAT VARIOUS SIZES AND SHAPES OF STRIPES

cadence de découpe	400	cadence de découpe	500	cadence de découpe	300
pas outil	16,5	pas outil	12	pas outil	16,5
Défilement en mètre/minute	6,6	Défilement en mètre/minute	6	Défilement en mètre/minute	4,95
largeur bande après découpe	16 mm	largeur bande après découpe	16 mm	largeur bande après découpe	12 mm
largeur des 2 bandes de rive	2 mm	largeur des 2 bandes de rive	2 mm	largeur de la bande de rive	2,8 mm
épaisseur bande après découpe	0,15	épaisseur bande après découpe	0,15	épaisseur bande après découpe	0,15



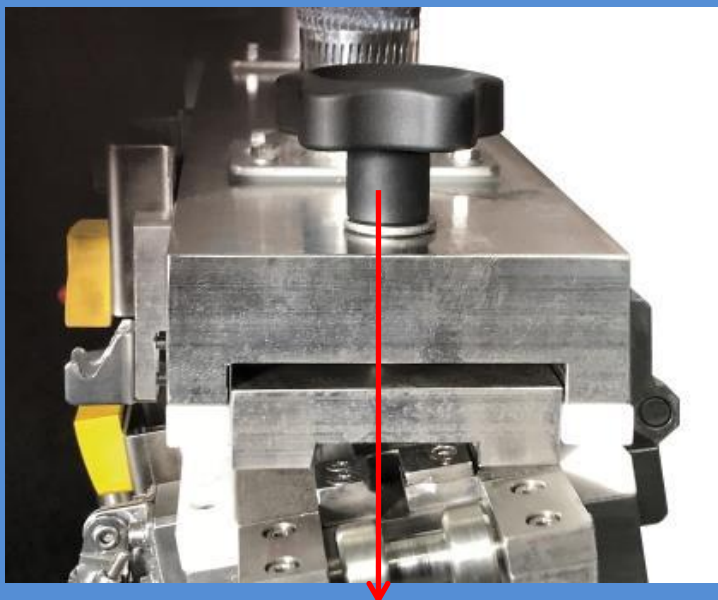
Steam nozzles are directed towards the most critical areas



DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES

➤ Interchangeable, tool free chambers

Very light, space saving cleaning tool



Change the chamber in less than
5 mn for cleaning different stripes



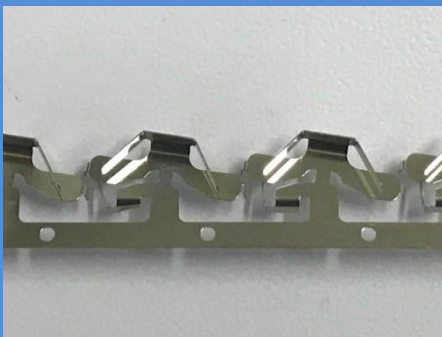
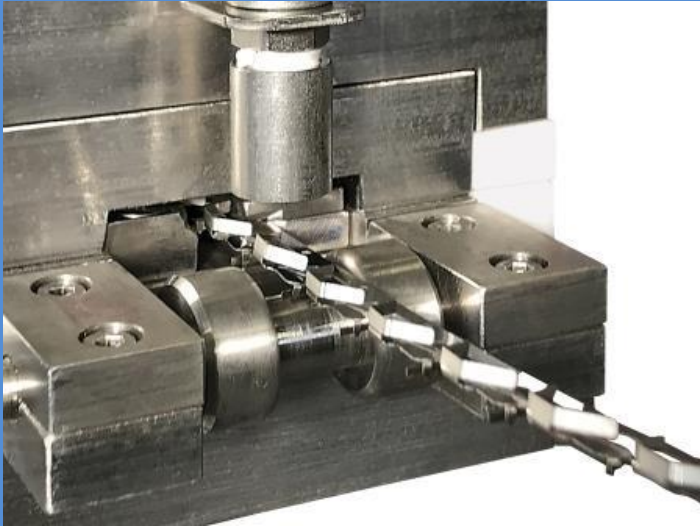
Only 1 person for moving the tool
from a line to another

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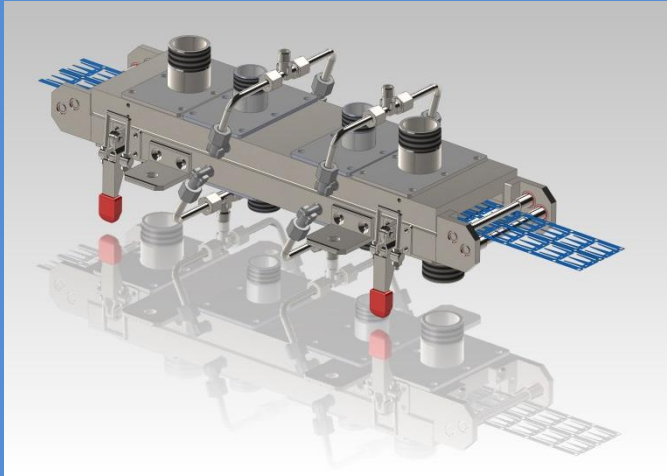
Exemple of cleaning tool : very short and mobile , danger free process

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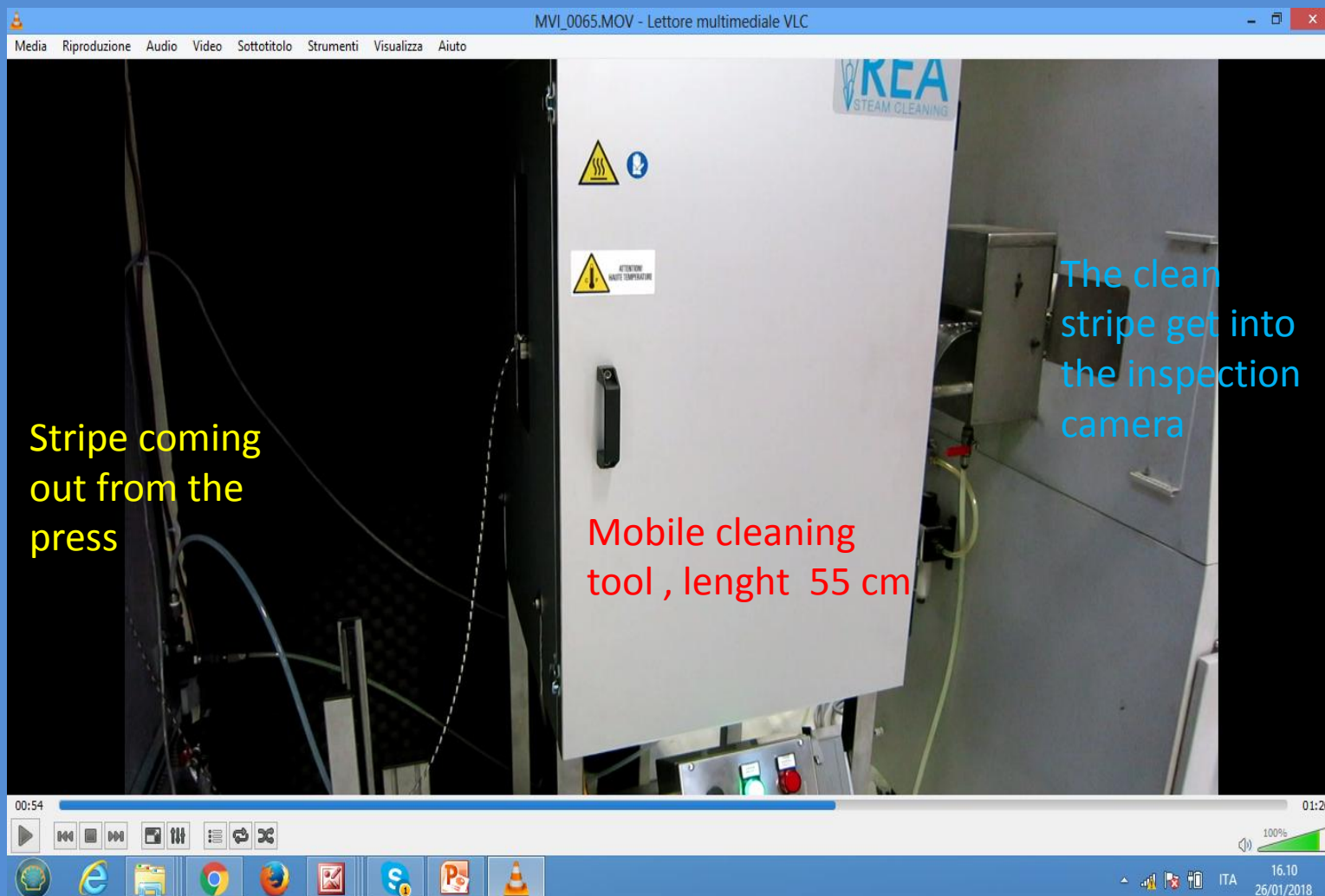


EXEMPLE OF ELECTRIC CONTACT CLEANED JUST AFTER THE PUNCHING PRESS

DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES



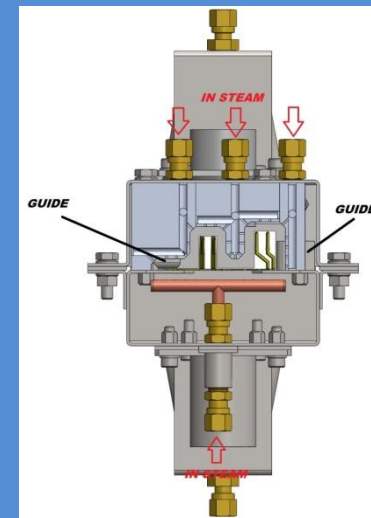
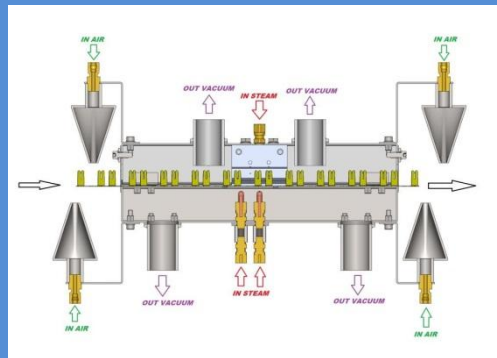
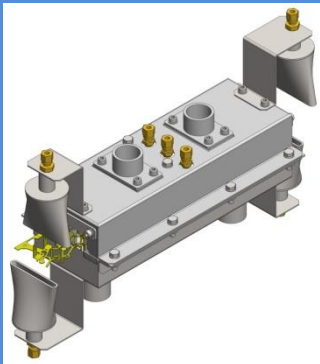
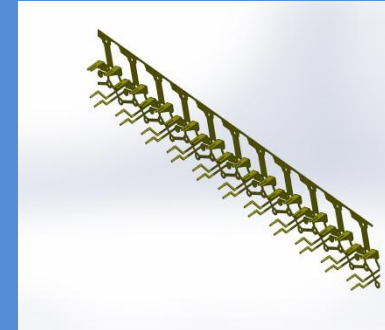
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DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES

Tailor made solutions for your stripes,
The REA method :

- 1- analyze of customer requirements
 - 3d dr
 - Speed
 - Type of pullutants
 - Required cleaning result (superficial tension)
- 2- cleaning test in REA or at customer -
- 3- manufacturing and installation



DRY STEAM PROCESS FOR THE CONTINUOUS CLEANING OF STRIPES

		RAPPORT D'ESSAI	
CLIENT:		XXXXXXXXXXXXXXXXXXXXXXXXXXXX	
Description lavage leadframe pliée 70mm x 17 mm			
générateur	SPECIAL 18 KW		
aspirateur	non		
détergent	non		
huile	huile évanescent client vaporisé sur bande avant lavage		
outil	lance multi trous 70 mm		
air comprimé	si - pour enlever excédent d'huile et pour sécher		
temps d'essai	vitesse 10 m mn		
no d'échantillons	1		
indice lavage	de 34 à 36 selon zones (sur face pliée)		
Note:			
   			
1- pulvérisation huile EV 1038 2- soufflage air pour enlever l'excédent d'huile 3- 2 passages vapeur 4- soufflage air			
 			
le niveau de tension superficielle 34 mN/m est atteint sur toutes les surfaces			
le niveau 36 est atteint partiellement (sur 70 % environ des surfaces)			

Date
27/11/2017

Techniciens
o.ravassard

REA METHOD :

For each stripe, a test is performed , a test report is delivered for customer validation and acceptance of :

- Final cleaning result (superficial tension)
- Dry surface, mark free surface
- Required amount of steam
- Required suction power
- Running costs (energy/water/ waste water treatment cost)
- Installation layout
- **Precise, detailed, surprise free price and timing quotation**
- **Garanteed result**

VIDEOS =

www.youtube.com/watch?v=vwcSPQQx8uE

www.youtube.com/watch?v=1sX52HjwWxU