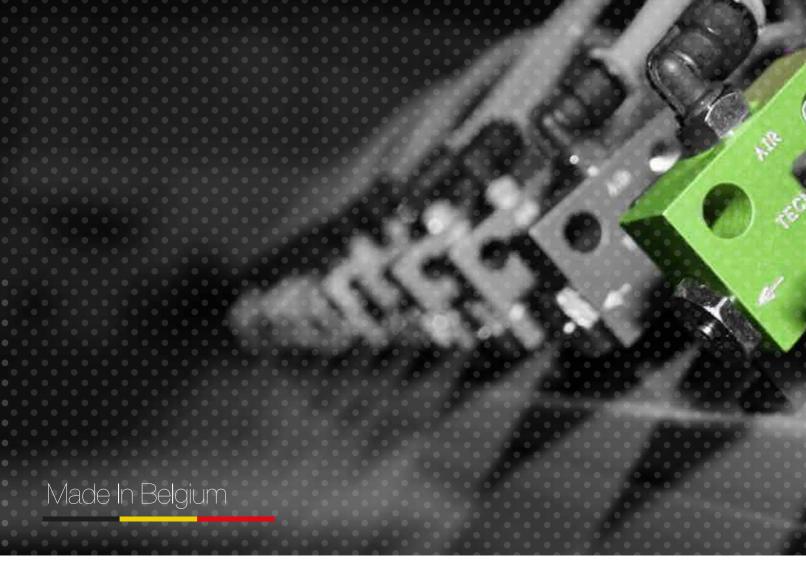
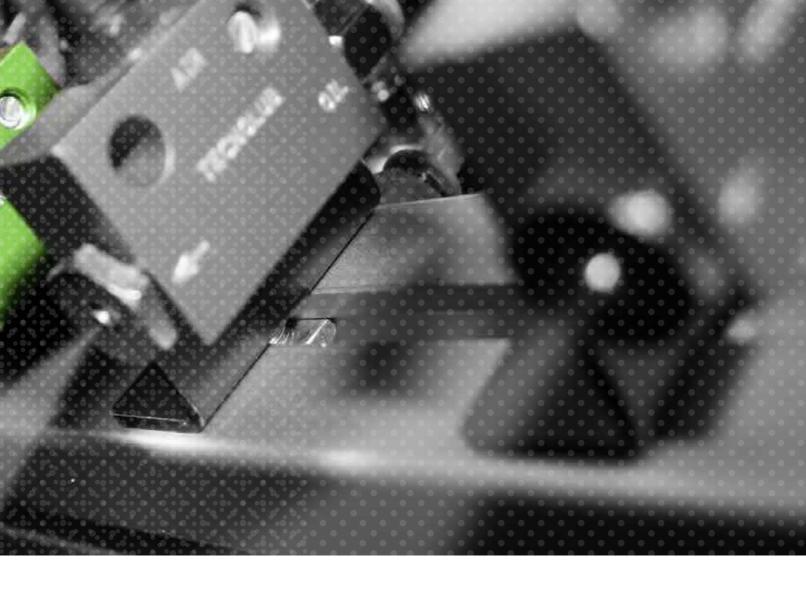
Oiling Spray Devices For The Concrete Industry











Wouters-Tecnolub

In 1926, Henri Wouters founded the Workshops. Working alone, he then manufactured parts subcontracted for Air Liquide Seraing. The company grows and diversifies.

In 1979, Jean-Marc Wouters, enters the company of which he became manager in 1986. The number is then a dozen people. The passage of the 2000, S.A. ESTABLISHMENTS Wouters is ISO 9000 certified. The quality of its organization and its products enables it to obtain the status of "European Provider" for Air Liquide.

TECNOLUB was created in 1988 by Blaise Raymond. This is initially a lubricant sales office.

In 1989, TECNOLUB develops its first micro-lubrication systems. This emerging technology continues to evolve in the next decade and the fields of application are increasing: cutting, milling, turning, stamping, rolling, plating layer with precisely controlled weight ...

TECNOLUB reputation growths. In 2006, AIRBUS and BOEING command their first micro-lubrication systems. Raymond Blaise unfortunately do not have time to savor his success, he died on 27 October 2008.

In 2013, convinced of the mutual interest of such an operation, the ESTABLISHMENTS WOUTERS integrate the activities of TECNOLUB Studies Office in their service offering to become WOUTERS-TECNOLUB.

The company now employs about 18 people.







NO POLLUTION

PERFECT OILING

T OF OUNC EASY QUANTITY ADJUSTMENT

EASY MAINTENANCE

LOW PRESSURE TECHNOLOGY

Our spraying system is driven to control the liquid flow rate according to your production needs.

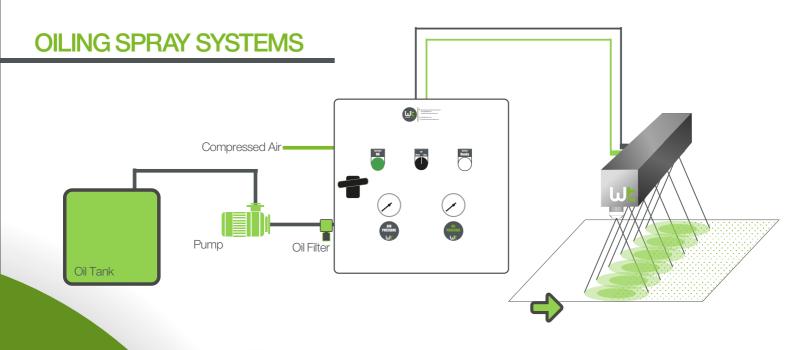
The flow will be constant during the whole process. With traditional spraying sytems using airless high pressure nozzles, you will use way too much liquid while this will also generate mist and polution.

Our low pressure spraying technology offers an accurate spray control that allows you to reduce easily the sprayed liquid to the minimum quantity that your production process requires.

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WHY CHOOSING A LOW PRESSURE WOUTERS-TECNOLUB SPRAYING SYSTEM?

	High Pressure Oiling System	Brush Oiling System	Manual S <mark>praying</mark> Oiling System	Manual Oiling System	Wouters Tecnolub Oiling System
Easy adjustment of the quantity of oil applied	-	-	-	-	\sim
Oil uniform coating	\checkmark	-	-	-	\checkmark
Clean working environment (no oil polution/no oil ist)e)	-	-	-	\checkmark	\checkmark
Oil savings vs Wouters Tecnolub Spraying system	40-50%	30-40%	60-70%	50-60%	



ANTIS

Coaxial Technology - No Pollution

The oil and atomizing air arrive by separate circuits to the spraying point.

The air / oil is mixed at the exit of the nozzles (coaxial system). The oil micro-droplets are pulled out by the airflow and remain locked into the airflow to prevent any oil mist effect.

This technology provides a reactive and perfect spraying accuracy.

We use the air flow to drive the oil droplets where oiling is needed.

Depending on the quantity of oil that has to be applied, the speed of the production line and the viscosity of the oil, our engineering department will calculate the right amount of nozzles.

All our SB35 nozzles are equiped with flow regulators and controlled pneumatic valves.

Easy Quantity Adjustement From 10 to 200 gr/m²

Mix Oil-Air

Changing the spraying pressure with our control unit will adjust directly the quantity of liquid applied.

By changing the air pressure in the control cabinet, you will adapt the size of the liquid droplets.





NO POLLUTION

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PERFECT OILING

LOW PRESSURE OILING SYSTEMS FOR PRODUCTION BOARDS

Online videos :

12.13









Spraying ramp for a concrete blocks production line (Wooden Boards | Steel Boards | Composite Boards)

- distance ramp-mold : +/- 30cm
 mold speed : 200 400 mm/sec
 1 nozzle every 10cm
 oil pressure : 0.5 bar air pressure : 0.5 bar





wouterstecnolub

ROI CALCULATIONS

ROI based on the boards lifetime extension

Oiling the boards with our spraying system vs no oiling	
Calculation based on 4500 boards 140*110cm - 5 days/week - 2 shifts/day	

Boards lifetime increase	20-30%
Yearly savings	7.500€
Return on Investments	10 months

ROI based on the oil savings

Low pressure spraying system vs high pressure system Calculation based on 1500 boards/day - 5 days/week - 1 shift/day

Oil savings	40-45%
Yearly oil savings	8.850€
Return on Investments	9 months













WETCAST OILING MOLDS



EASY QUANTITY ADJUSTMENT

MINIMUM QUANTITY



NO POLLUTION

3

PERFECT OILING

POLLUTION

Oiling wetcast molds by spraying a very thin layer of oil or emulsion on every faces of the mold.

WT-SB35 nozzle every 3 cm - Orientation 35° - Height : 20cm Oil pressure : 0.5 bar | Air pressure : 1.0 bar | Quantity applied : +/- 30 grm²

3

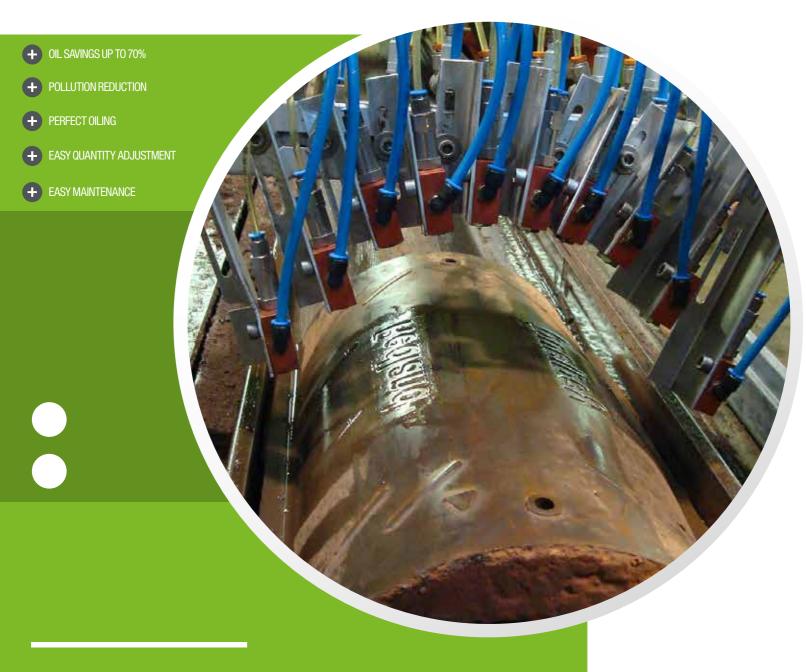


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ROOF TILES OILING MOLDS





Online videos :



QUANTITY







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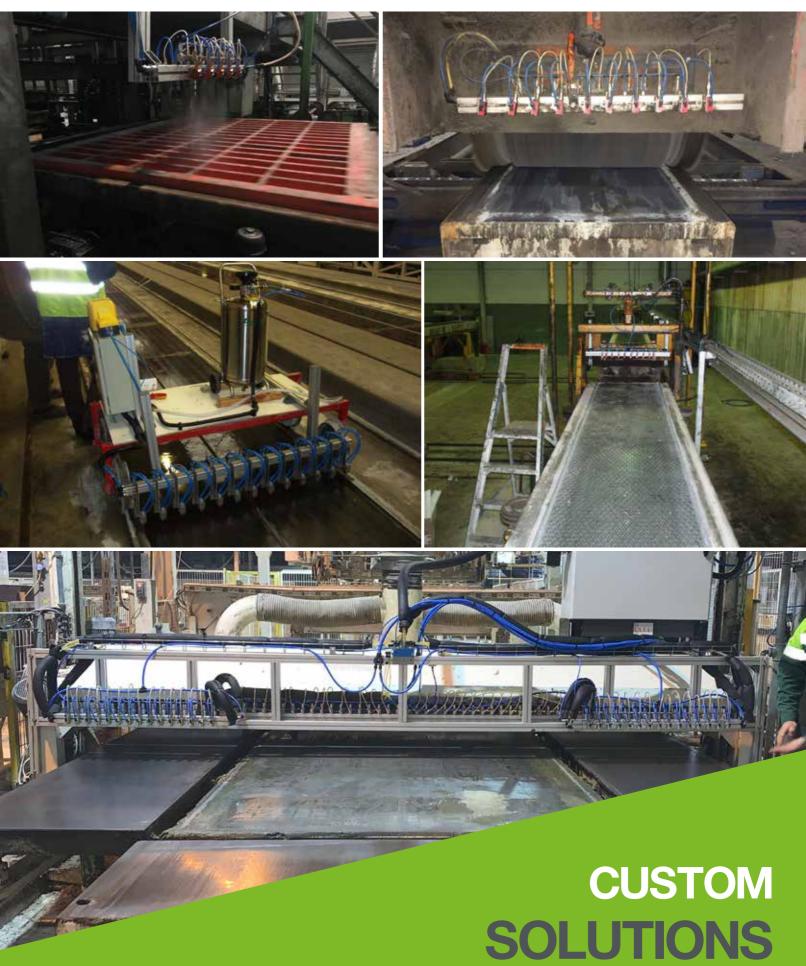


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LOW PRESSURE OILING SYSTEMS FOR THE CONCRETE PREFAB INDUSTRY



Onsite Oiling Tests

As oiling specialists, we have developped a portable spraying system that we would be pleased to install for oiling tests on your production line ...

27 years



A test is worth a thousand words...

Some references

BLOCKS-SLABS-WALLS

DOU-BETON | DOUTERLOIGNE | ROOSENS BETON | OMNIDAL | VETS | PREFER | KERKSTOEL | DAERDEN | INTERBLOCS PAULI BETON | ECHO | FREDERICK | SCHEYS BETON | ROOSENS BETON POLSKA | FORTERA BUILDING PRODUCTS Ltd WHITTLESEY BLOCK WORKS | ALKERN | MARLUX | REWA BETON | TARTARIN | POLBRUK | KOST-BET | PERIN | POINT P VIELLE | GRIS CLAIR | MEHAT | GIRPAV | VANZO BETON | COURTOT ...

ROOF TILES

LAFARGE | ETERNIT | KORAMIC | TRILCO| ARGIBETAO | RBB ...

AAC

XELLA | YTONG | SILKA | H+H GERMANY | BRUK-BET | H+H POLAND | EUROPOR | TERMALICA | SOLBET...

PAVING BLOCKS/SLABS

CHYZBET | JADAR | BRUK-BET | MARLUX | TECHMATIK | TARTARIN | CHROSNICA | PREFA Brno | POLBRUK KOST-BET | EXCLUTON | GODELMANN | AREA MILANO | REKERS BETONWERK...



Superior Spraying Technology





Superior Spraying Technology

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