



SYSTÈME AUTOJET® E1850+

CONTRÔLE DE PULVÉRISATION
NOUVELLE GÉNÉRATION



Spraying Systems Co.®

Experts in Spray Technology

UN SYSTÈME POUR UN CONTRÔLE TOTAL

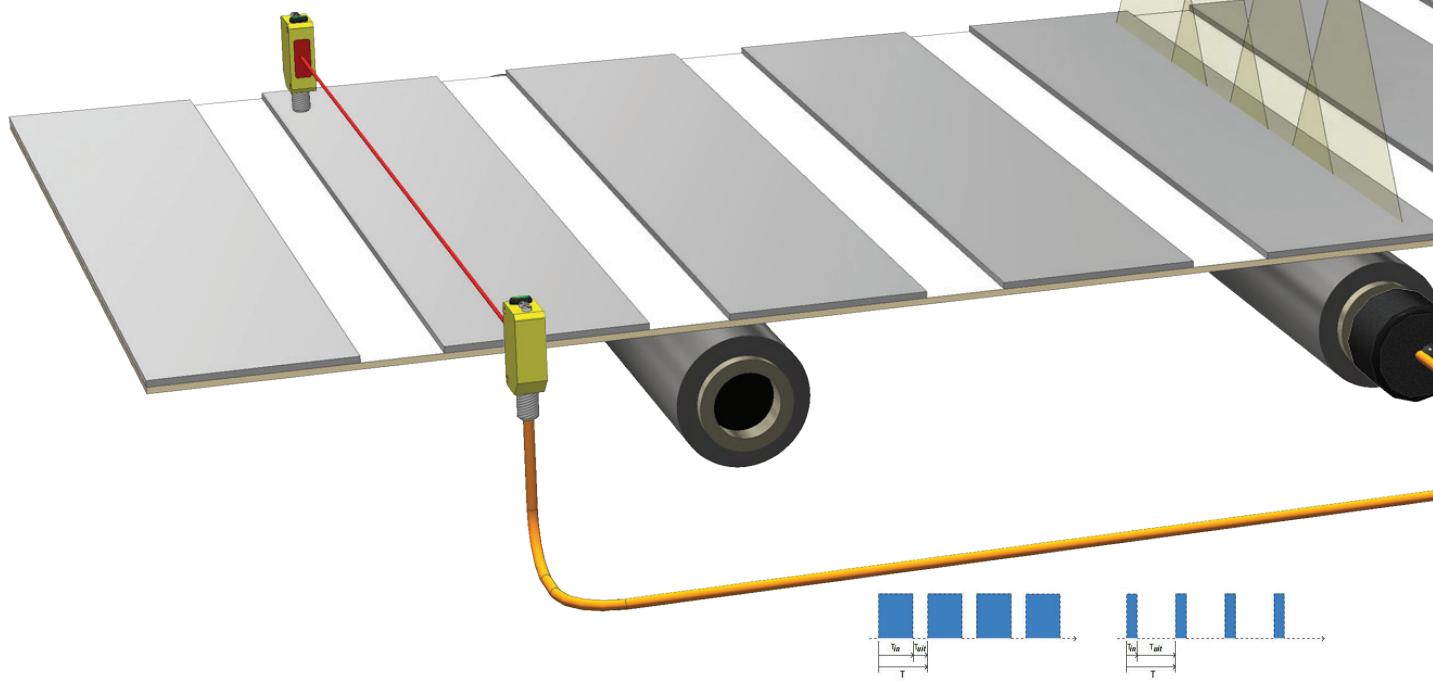
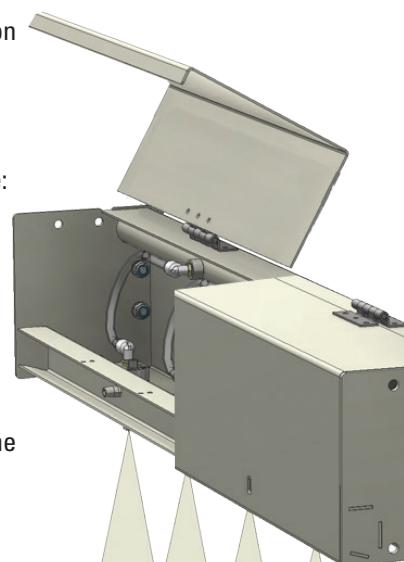
Le système de pulvérisation AutoJet® E1850+ est conçu pour s'adapter parfaitement à presque toutes les applications de pulvérisation.

Le système optimise les performances de vos buses de pulvérisation automatiques pour une utilisation efficace des ressources et un résultat final de haute qualité.

En combinant avec notre pistolet automatique PulsJet®, le système atteint des vitesses de cycles très élevées. Cela permet d'ajuster le débit en fonction des conditions de fonctionnement changeantes telles que:

- Vitesse du convoyeur
- Variation de pressions
- Changement de produit
- Recettes
- ... et beaucoup plus

Le système de pulvérisation AutoJet® E1850+ peut être utilisé comme système de pulvérisation autonome ou peut être intégré à tout système de contrôle existant.



COMMENT ÇA MARCHE?

Les pistolets de pulvérisation à commandes électriques sont activés et désactivés très rapidement pour contrôler le débit. Un cycle de 50% donne un débit correspondant à 50% du débit nominal de cette buse à une pression donnée.

Plus d'informations:

www.spray.com/Products/Spray-Control-Options/Precision-Spray-Control

Cycle de travail 80%



Cycle de travail 5%



RAMPES / COLLECTEURS

Pour une couverture optimale de vos produits.

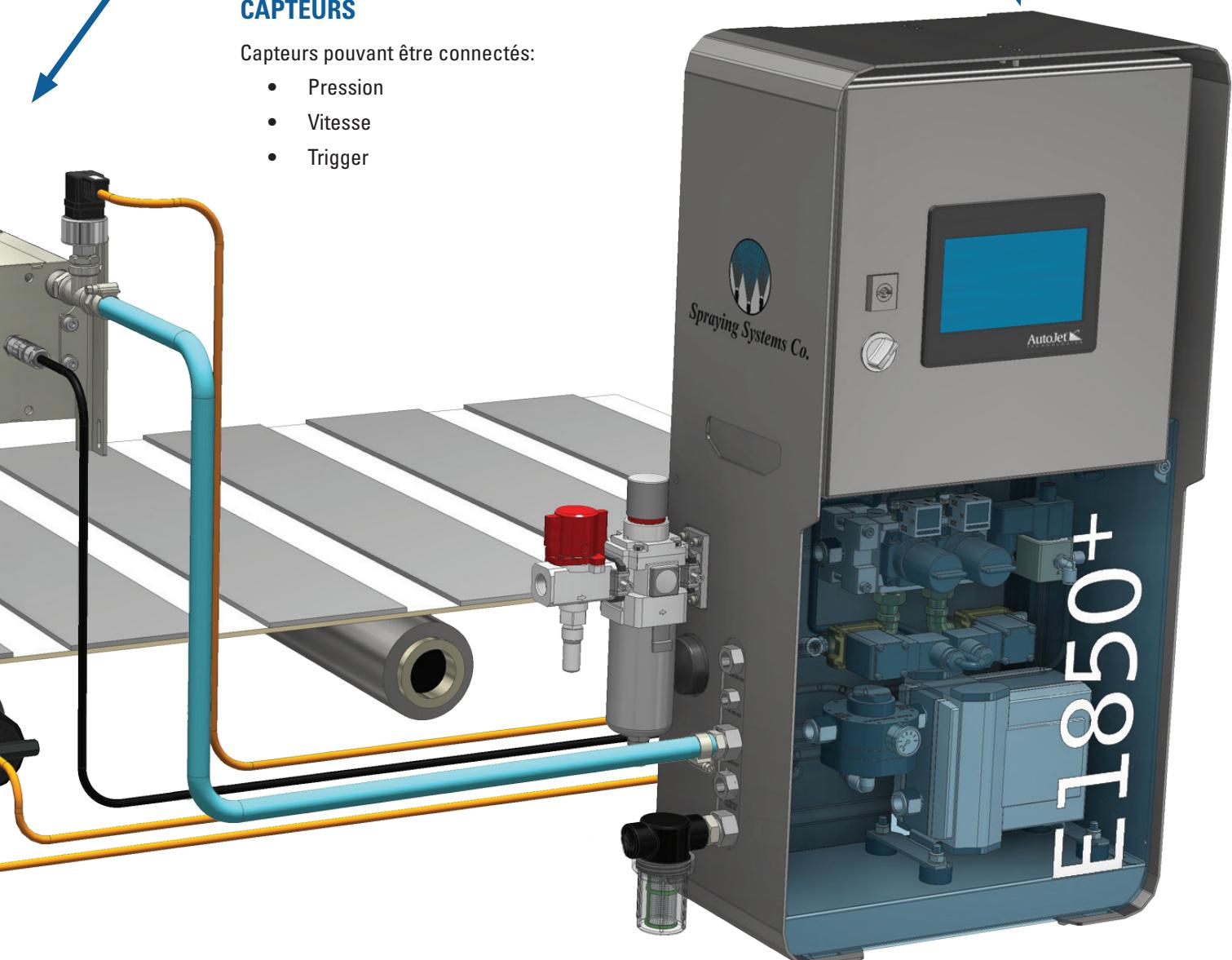
CAPTEURS

Capteurs pouvant être connectés:

- Pression
- Vitesse
- Trigger

**SYSTÈME DE PULVÉRISATION
AUTOJET® E1850+**

Contrôle total de votre application par pulvérisation.



AVANTAGES

- Réaction rapide aux conditions de travail changeantes
- Maintenir un angle de pulvérisation et une taille de gouttelettes constants pour des valeurs de débits variables
- Large plage de débits pour une même pression
- Brumisation minimale
- Efficacité de transfert accrue
- Intégration facile dans le processus existant
- Élimine l'utilisation d'air comprimé
- Conception compacte



SOLUTION TOUT EN UN

DESIGN FERMÉ

L'AutoJet® E1850+ a une conception fermée pour protéger tous les composants inclus. Cela rend impossible la modification accidentelle des paramètres ou les dommages au système.

De plus, la porte transparente donne un aperçu instantané de l'ensemble des paramètres tout en permettant un accès facile aux composants.

AFFICHAGE DE HAUTE QUALITÉ

Le nouvel écran tactile donne un aperçu clair de tous vos paramètres et est optimisé pour une expérience utilisateur intuitive.

LOGICIEL INTUITIF

Notre nouveau HMI fonctionne avec un logiciel optimisé pour une utilisation avec l'AutoJet® E1850+. Conçu à partir de zéro pour être convivial, les paramètres importants sont accessibles instantanément depuis l'écran principal. Le réglage des paramètres se fait facilement en naviguant dans une structure de menu facile à utiliser.

C'EST UN SYSTÈME AUTONOME QUI S'ADAPTE AUX SYSTÈMES EXISTANTS

L'AutoJet® E1850+ peut facilement être installé seul ou dans un système préexistant à l'aide de points de consignes distants.

PLUG & SPRAY

Branchez le à l'air comprimé, le liquide et l'alimentation électrique. Connectez tous les capteurs dont vous disposez (liquide, pression, vitesse, électricité...). Ajustez les capteurs et vous êtes prêt à démarrer.

MISES À JOUR FACILEMENT ACCESSIBLES*

Accédez aux mises à jour des logicielles du système et profitez des dernières versions et fonctionnalités.

ASSISTANCE À DISTANCE*

Donnez un accès à distance aux employés ou aux ingénieurs de Spraying Systems Co. Vous avez toujours le contrôle, où que vous soyez.

IOT READY*

Le système peut être connecté à Internet afin d'obtenir des informations complètes sur les données et des améliorations de performances basées sur l'intelligence artificielle.

UN AJUSTEMENT PARFAIT POUR VOS OPÉRATIONS

CARACTÉRISTIQUES DE L'AUTOJET® E1850+	SYSTÈME DE BASE	SYSTÈME STANDARD	SYSTÈME AVANCÉ
Panneau de commande avec contrôle de fluide intégré	✓	✓	✓
Boîte de jonction IO	✓	✓	✓
Boîte de jonction Pulsajet®	✓	✓	✓
Nombre maximum de Pulsajet® (PWM et avec une température ambiante de 35°C)	8	8	8
Commande de la Tension PWM	24V	48V	48V
Source de courant	5A	5A	5A
Canaux PWM	1	1	1
Cycles PWM (en CPM)	5 000	10 000	>15 000
Déclenchement	✓	✓	✓
Contrôle de la vitesse (analogique avec un codeur)		✓	✓
Recettes			✓
Tableau d'étalonnage multipoints			✓
Routeur 4G	Options	Options	Options
Mesure de la pression du liquide + correction du rapport cyclique	✓	✓	✓

CES PARAMÈTRES VOUS AIDENT À TIRER LE MEILLEUR PARTI DE VOTRE AUTOJET® E1850 +

PULSAJET®

Ces pulsajets offrent une précision à haute vitesse et un contrôle de débit inégalé en utilisant la technologie de Precision Spray Control (PSC) de Spraying Systems Co.



RAMPES

Lorsque plusieurs buses sont nécessaires, nous proposons une large gamme de rampes facilement configurables pour répondre aux exigences de votre application.



AUTOJET® E1850+ ÉTUDES DE CAS

STEEL BAR MANUFACTURER SAVES MORE THAN € 750,000 WITH NEW SPRAY COOLING SYSTEM

PROBLEM: A manufacturer of steel surface-cooled bars used for the surface of bridge girders and other heavy-duty structures. The problem occurs here in two ways:

- A simple spray cooling system was used to keep the product cool. However, the cooling liquid leaked to the sides of the conveyor, creating a summer when workers

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to cool the product and prevent liquid from leaking to the sides of the conveyor.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

HARDWOOD FLOORING MANUFACTURER SAVES € 40,000 PER YEAR SPRAYING PIGMENT WITH AUTOJET® E1850+ SYSTEM

PROBLEM: A manufacturer of hardwood flooring had a problem with the color of the wood. The manufacturer was using a manual spray gun to spray a colorant onto the wood. The colorant was applied unevenly, resulting in a lack of consistency in the color of the wood. This was causing a loss of revenue for the manufacturer.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the colorant onto the wood, resulting in a more consistent color.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

PLASTIC CUP MANUFACTURER SAVES € 18,000 ANNUALLY WITH AUTOMATED ANTI-STATIC SPRAY SYSTEM

PROBLEM: A leading manufacturer of plastic cups needed to apply an anti-static agent to the cups to prevent them from sticking together. The current method for doing this was only 60% effective, resulting in a loss of revenue. The manufacturer required a more efficient and effective method to apply the anti-static agent, which includes a spray system that can spray the anti-static agent directly onto the cups as they move through the production line.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the anti-static agent onto the cups, resulting in a 100% success rate.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

CS E4032 Un fabricant de barres d'acier économise plus de 750,000 € avec un nouveau système de refroidissement par pulvérisation

économise plus de 750,000 € avec un nouveau système de refroidissement par pulvérisation

CS E4033 Fabricant de planchers de bois économise 40,000 € par an en pulvérisant du pigment avec le système AutoJet® E1850+

CS E4034 Le fabricant de gobelets en plastique économise 18,000 € par an grâce au système de pulvérisation antistatique automatisé

ELASTOMER MANUFACTURER REDUCES RELEASE AGENT USAGE AND SAVES € 50,000 ANNUALLY THANKS TO NEW AUTOMATED SPRAY SYSTEM

PROBLEM: A manufacturer of elastomer products was using a spray gun to apply a release agent to the products. This resulted in a sticky product that was difficult to remove. When cleaning of the conveyor belt, the release agent would stick to the belt and had to be cleaned by hand.

The previous spray gun was not able to spray the release agent evenly across the entire area. This resulted in a sticky product that was difficult to remove. When cleaning of the conveyor belt, the release agent would stick to the belt and had to be cleaned by hand.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the release agent onto the product, resulting in a more even application and easier cleaning of the conveyor belt.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

WOOD PELLET MANUFACTURER SAVES MORE THAN € 10,000 PER YEAR BY SPRAYING OIL WITH AUTOMATED SPRAY SYSTEM

PROBLEM: A manufacturer of wood pellets was using a spray gun to apply oil to the pellets. This resulted in a sticky oil that was difficult to remove. When cleaning of the conveyor belt, the oil would stick to the belt and had to be cleaned by hand.

A high pressure pump was used to spray the oil onto the pellets. This resulted in a sticky oil that was difficult to remove. When cleaning of the conveyor belt, the oil would stick to the belt and had to be cleaned by hand.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the oil onto the pellets, resulting in a more even application of the oil and easier cleaning of the conveyor belt.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

TISSUE MANUFACTURER SAVES € 40,000 AND IMPROVES SUSTAINABILITY

PROBLEM: A leading tissue manufacturer was using a spray gun to apply a release agent to the tissue. This resulted in a sticky release agent that was difficult to remove. When cleaning of the conveyor belt, the release agent would stick to the belt and had to be cleaned by hand.

The previous spray gun was not able to spray the release agent evenly across the entire area. This resulted in a sticky release agent that was difficult to remove. When cleaning of the conveyor belt, the release agent would stick to the belt and had to be cleaned by hand.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the release agent onto the tissue, resulting in a more even application and easier cleaning of the conveyor belt.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

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CS E4035 Le système de pulvérisation automatisé aide le fabricant d'élastomères à réduire l'utilisation d'agent de démolage et à économiser 50,000 €

économise plus de 50,000 € par an en réduisant l'utilisation d'agent de démolage et en économisant 50,000 €

CS E4036 Le fabricant de granules en bois économise plus de 10,000 € par an avec un système de pulvérisation automatisé

CS E4037 Un fabricant de tissus économise 40,000 € et améliore la durabilité

OSB MANUFACTURER SAVES € 25,000 PER YEAR BY RECYCLING 2 MILLION LITERS OF WASTEWATER

PROBLEM: An oriented strand board (OSB) manufacturer was generating a large amount of wastewater from the washing and separation process. The wastewater was being disposed of as a waste product, causing significant clogging due to the high concentration of organic material.

With spray-on-surface technology, the manufacturer can now spray a fine mist of liquid onto the OSB as it moves through the conveyor. This results in a more even application of the liquid, which reduces the amount of wastewater generated.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

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MODULAR RETAINING WALL MANUFACTURER CUTS RELEASE AGENT USE BY 75% TO SAVE MORE THAN € 60,000 PER YEAR

PROBLEM: A manufacturer of modular retaining walls was using a spray gun to apply a release agent to the walls. This resulted in a sticky release agent that was difficult to remove. When cleaning of the conveyor belt, the release agent would stick to the belt and had to be cleaned by hand.

Much of the release agent was wasted because it was applied to the walls, which were not always necessary. This resulted in a significant waste of release agent.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the release agent onto the walls, resulting in a more even application and reduced waste.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

Scan QR code for more information

CABLE MANUFACTURER HALVES ITS CHEMICAL CONSUMPTION WITH AUTOMATED SPRAY SYSTEM

PROBLEM: A cable manufacturer was using a spray gun to apply a chemical to the cables. This resulted in a sticky chemical that was difficult to remove. When cleaning of the conveyor belt, the chemical would stick to the belt and had to be cleaned by hand.

The previous spray gun was not able to spray the chemical evenly across the entire area. This resulted in a sticky chemical that was difficult to remove. When cleaning of the conveyor belt, the chemical would stick to the belt and had to be cleaned by hand.

An AutoJet® E1850+ is a spray-on-surface system that can spray a fine mist of liquid onto a product as it moves through a conveyor. The manufacturer can now use a more precise spray pattern to spray the chemical onto the cables, resulting in a more even application and reduced waste.

Spraying Systems Co. Experts in Spray Technology

APPLIED: SUSTAINABILITY, APPLIED

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CS E4038 Un fabricant de panneaux OSB économise 25,000 € par an en recyclant 2 millions de litres d'eaux usées

CS E4039 Un fabricant de murs de soutènement modulaires réduit de 75% l'utilisation de l'agent de démolage pour économiser plus de 60,000 € par an

CS E4040 Un fabricant de câbles réduit de moitié sa consommation de produits chimiques grâce à un système de pulvérisation automatisé



SYSTÈME AUTOJET® E1850+ CONTRÔLE DE PULVÉRISATION NOUVELLE GÉNÉRATION

FIBER-CEMENT SIDING MANUFACTURER REDUCES COATING CONSUMPTION, SAVES € 80,000 ANNUALLY WITH AUTOMATED SPRAY SYSTEM

PROBLEM: A company needed to spray a fiber cement siding system, which had to spray 100% of the material automatically applied. It was estimated that the cost of spray would be 10% more spray than the cost of the material. The cost of the material was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the fiber cement siding. The spray system automatically applied the material and reduced the cost of spray. The cost of the material was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the material was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4041 Un fabricant de revêtements en fibrociment réduit la consommation de revêtement et économise 80,000 € par an

AUTO MANUFACTURER REDUCES DEFECTS AND SAVES € 300,000 WITH AUTOMATED SPRAY SYSTEM

PROBLEM: An automobile manufacturer wanted to reduce the cost of spray. They had to spray 100% of the material. The cost of spray was 10% more than the cost of the material. The cost of the material was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the automobile. The spray system automatically applied the material and reduced the cost of spray. The cost of the material was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the material was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4042 Le constructeur automobile réduit les défauts et économise 300,000 € avec un système de pulvérisation automatisé

STRUCTURAL INSULATED PANEL (SIP) MANUFACTURER INCREASES PRODUCT QUALITY AND SAVES RESOURCES

PROBLEM: A manufacturer of SIP panels needed to reduce the cost of spray. They had to spray 100% of the material. The cost of spray was 10% more than the cost of the material. The cost of the material was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the SIP panels. The spray system automatically applied the material and reduced the cost of spray. The cost of the material was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the material was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4043 Le fabricant de panneaux isolés structuraux (SIP) améliore la qualité des produits et économise des ressources

STEEL BAR MANUFACTURER ELIMINATES OIL OVERSPRAY, AND SAVES € 17,500 PER YEAR

PROBLEM: A manufacturer of steel bars needed to reduce the cost of spray. They had to spray 100% of the oil. The cost of spray was 10% more than the cost of the oil. The cost of the oil was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the steel bars. The spray system automatically applied the oil and reduced the cost of spray. The cost of the oil was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the oil was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4044 Le fabricant de barres d'acier élimine la pulvérisation d'huile et économise 17,500 € par an

CEMENT BOARD MANUFACTURER REDUCES CHEMICAL USE AND SAVES € 27,000 PER YEAR

PROBLEM: A manufacturer of cement board needed to reduce the cost of spray. They had to spray 100% of the chemical. The cost of spray was 10% more than the cost of the chemical. The cost of the chemical was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the cement board. The spray system automatically applied the chemical and reduced the cost of spray. The cost of the chemical was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the chemical was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4045 Un fabricant de panneaux de ciment réduit l'utilisation de produits chimiques et économise 27,000 € par an

AUTOMATED SPRAY SYSTEM SAVES BUILDING PRODUCTS MANUFACTURER MORE THAN € 35,000 PER YEAR

PROBLEM: An automating manufacturer of building products needed to reduce the cost of spray. They had to spray 100% of the building products. The cost of spray was 10% more than the cost of the building products. The cost of the building products was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the building products. The spray system automatically applied the building products and reduced the cost of spray. The cost of the building products was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the building products was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4046 Le système de pulvérisation automatisé permet au fabricant de produits de construction d'économiser plus de 35,000 € par an

AUTOMATED SPRAY LUBRIFICATION SYSTEM SAVES FOAM PARTS PRODUCER MORE THAN € 30,000 PER YEAR

PROBLEM: A parts supplier to the automotive industry needed to reduce the cost of spray. They had to spray 100% of the parts. The cost of spray was 10% more than the cost of the parts. The cost of the parts was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the parts. The spray system automatically applied the parts and reduced the cost of spray. The cost of the parts was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the parts was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

CS E4047 Le système de lubrification par pulvérisation automatisé permet aux producteurs de pièces en mousse d'économiser plus de 30,000 € par an

CAN MANUFACTURER INCREASES YEARLY REVENUE BY € 4 MILLION THANKS TO NEW SPRAY SYSTEM

PROBLEM: A can manufacturer needed to reduce the cost of spray. They had to spray 100% of the cans. The cost of spray was 10% more than the cost of the cans. The cost of the cans was also 10% more.

SOLUTION: An AutoJet® E1850+ spray system was installed to spray the cans. The spray system automatically applied the cans and reduced the cost of spray. The cost of the cans was also reduced.

RESULTS: The spray system reduced the cost of spray by 10% and the cost of the cans was also reduced.

**Spraying Systems Co.
Experts in Spray Technology**

APPLIED: 

For your local representative go to www.spraying.com

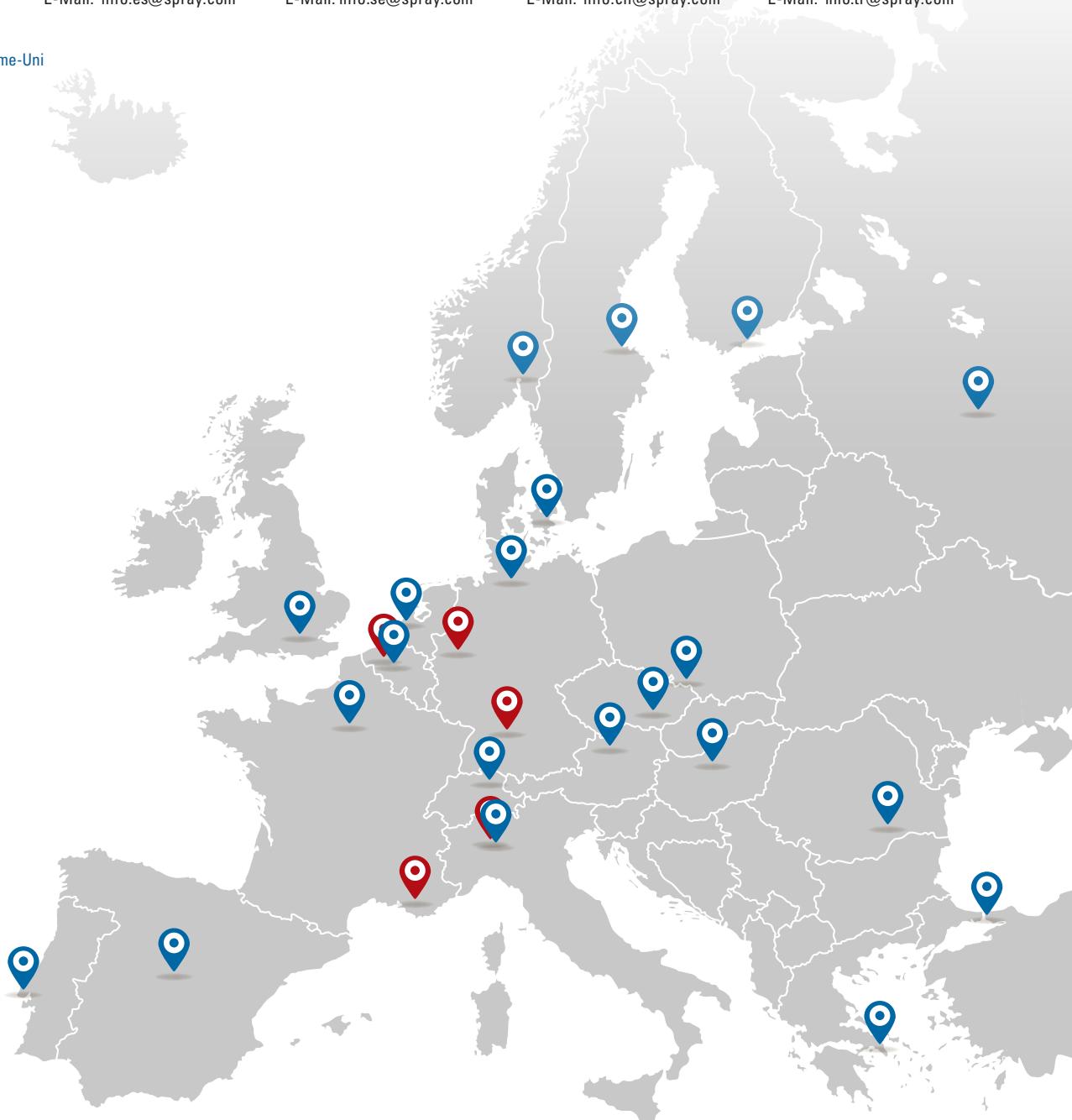
CS E4048 Le fabricant de canettes augmente ses revenus annuels de 4 millions d'euros grâce à un nouveau système de pulvérisation

REPRÉSENTANTS ET SITES DE FABRICATION

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