



AUTOJET® E1850+

**NEW GENERATION
SPRAY CONTROL**



Spraying Systems Co.®
Experts in Spray Technology

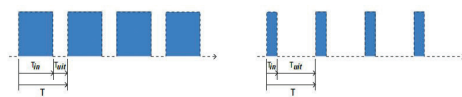
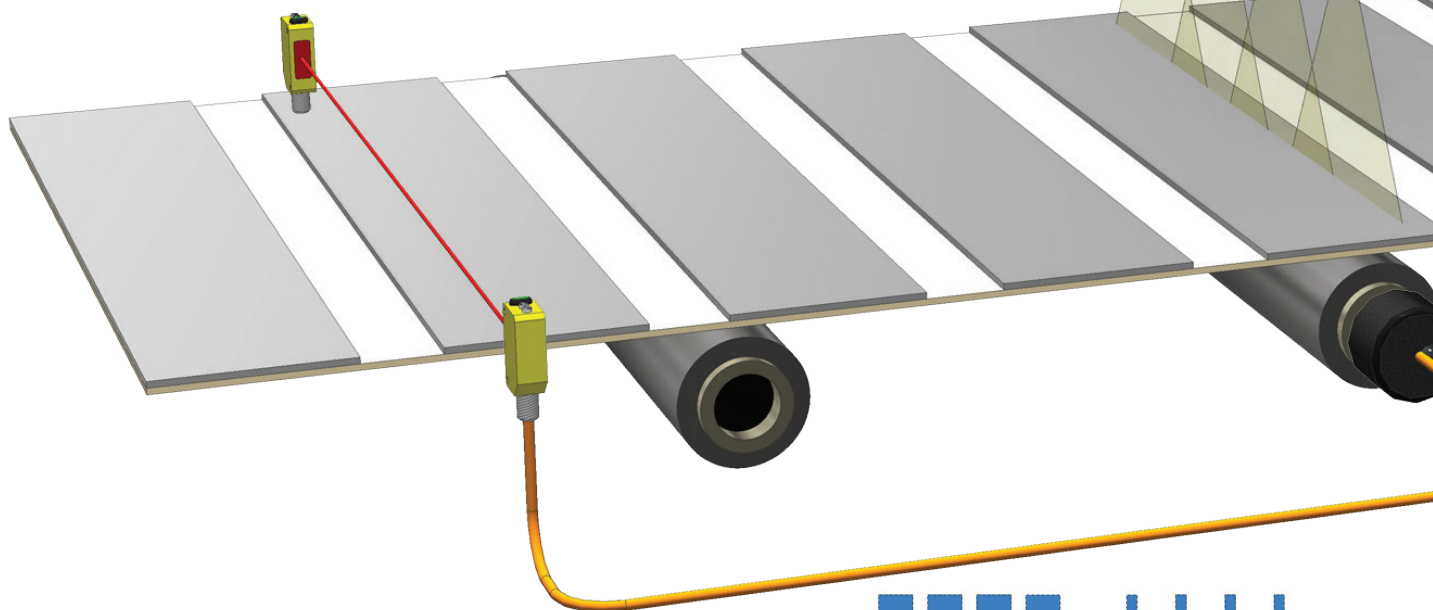
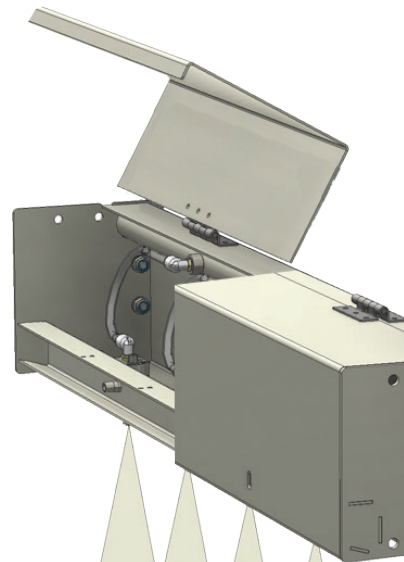
CONTROL TOTAL CON UN ÚNICO SISTEMA

El sistema de pulverización AutoJet® E1850+ ha sido diseñado para que se ajuste perfectamente a la mayoría de aplicaciones de pulverización. El sistema optimiza el rendimiento de las boquillas de pulverización automáticas para un uso eficiente de los recursos y un resultado final de alta calidad.

En combinación con las boquillas automáticas PulsaJet® el sistema alcanza velocidades de ciclo muy altas. Esto permite el ajuste del caudal basado en el cambio de las condiciones de funcionamiento, tales como:

- Velocidad de la cinta
- Variaciones de presión
- Cambio de producto
- Recetas
- ... y mucho más

El sistema de pulverización AutoJet® E1850+ puede ser utilizado como un sistema autónomo o puede ser integrado en cualquier sistema de control de proceso ya existente.



Ciclo trabajo 80%

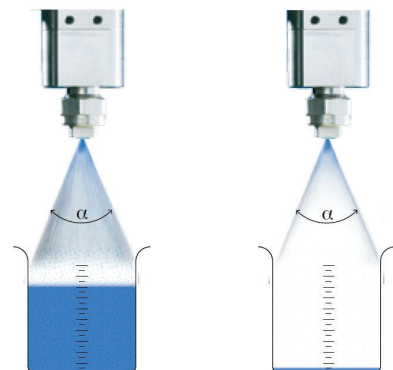
Ciclo trabajo 5%

¿COMO FUNCIONA?

Las pistolas de pulverización accionadas eléctricamente son activadas y desactivadas muy rápidamente para controlar el caudal. Un ciclo de trabajo del 50% corresponde a un 50% del caudal nominal para esta boquilla a una presión dada.

Más información:

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



CABEZALES / MANIFOLDS

Para una óptima cobertura de sus productos.

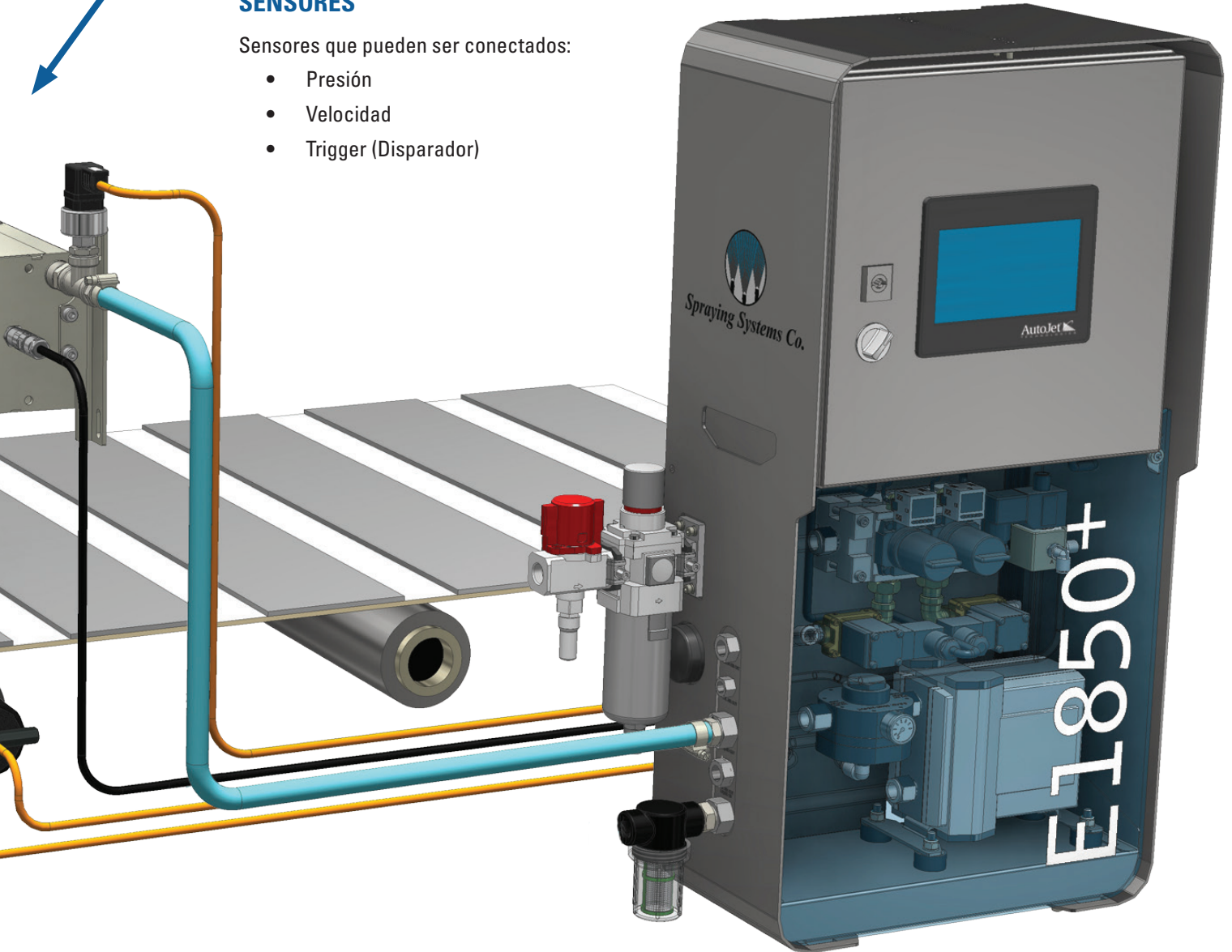
SENSORES

Sensores que pueden ser conectados:

- Presión
- Velocidad
- Trigger (Disparador)

AUTOJET® E1850+ SPRAY SYSTEM

Control total de la pulverización en su aplicación.



VENTAJAS

- Rápida reacción a los cambios de las condiciones de trabajo
- Mantiene el ángulo de pulverización constante y tamaño de gota a caudales variables
- Amplio ratio de ajuste de caudal para una sola boquilla
- Minimización de neblina
- Aumento de la eficiencia de transferencia
- Fácil integración en procesos existentes
- Elimina el uso de aire comprimido
- Diseño compacto



TODO EN UNA SOLUCIÓN ÚNICA

DISEÑO CERRADO

El sistema AutoJet® E1850+ tiene un diseño cerrado para proteger todos sus componentes. Esto hace que sea imposible cambiar la configuración accidentalmente o provocar daños en el sistema.

Adicionalmente, el diseño de la puerta transparente da una visión instantánea de los parámetros establecidos al tiempo que permite un fácil acceso.

PANTALLA DE ALTA CALIDAD

La nueva pantalla táctil proporciona una visión clara de todos los ajustes y está optimizado para una experiencia de usuario intuitiva.

SOFTWARE INTUITIVO

La nueva pantalla HMI incorpora un software optimizado para su uso con AutoJet® E1850+. El nuevo diseño ofrece un uso fácil e intuitivo. Los ajustes más importantes son accesibles rápidamente desde la pantalla principal. El ajuste de la configuración se realiza fácilmente mediante la navegación de un menú estructurado.

AUTÓNOMO O INCORPORADO EN SISTEMAS EXISTENTES

El sistema AutoJet® E1850+ se puede instalar fácilmente como sistema independiente o bien, en un sistema preexistente mediante el uso de ajustes remotos.

PLUG & SPRAY

Conecte al suministro eléctrico, aire y líquido. Conecte los sensores disponibles (líquido, presión, velocidad, disparador, ...). Ajuste los reguladores y ya está listo para funcionar.

ACTUALIZACIONES FÁCILMENTE ACCESIBLES*

Tenga acceso a las actualizaciones del software del sistema para disfrutar de las últimas versiones y características.

SOPORTE REMOTO*

Permite el acceso remoto a los empleados con clave o ingenieros de Spraying Systems Co. Siempre tendrá el control, esté donde esté.

IOT READY*

El sistema se puede conectar a Internet para obtener mejoras de rendimiento basados en inteligencia artificial.

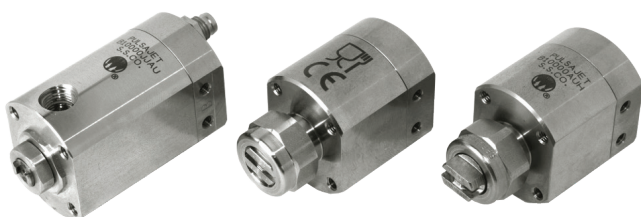
UN AJUSTE PERFECTO PARA SUS OPERACIONES

CARACTERÍSTICAS AUTOJET® E1850+	BÁSICO	ESTÁNDAR	AVANZADO
Panel de control con Control de fluido integrado	✓	✓	✓
Caja de conexiones E/S	✓	✓	✓
Caja de conexiones PulsaJet®	✓	✓	✓
Número máximo de pistolas PulsaJet® (PWM y con 35 °C de temperatura ambiente)	8	8	8
Tensión de control PWM	24V	48V	48V
Fuente de alimentación	5A	5A	5A
Canales PWM	1	1	1
Ciclos de PWM (en ciclos/min)	5 000	10 000	>15 000
Triggered	✓	✓	✓
Control de velocidad (analógica o con encoder)		✓	✓
Recetas			✓
Tabla de calibración Multi-punto			✓
Router 4G	Opcional	Opcional	Opcional
Medición de la presión de líquido + Corrección del ciclo de trabajo	✓	✓	✓

ESTOS PRODUCTOS AYUDAN A SACAR EL MÁXIMO PARTIDO A SU AUTOJET® E1850+

PISTOLAS PULSAJET®

Estas pistolas ofrecen precisión a muy alta velocidad y control del caudal utilizando la tecnología Precision Spray Control (PSC) de Spraying Systems Co.



CABEZALES Y MANIFOLDS

Cuando se necesitan múltiples pistolas, disponemos de una amplia gama de cabezales y manifolds que pueden ser fácilmente configurados para satisfacer sus requisitos de aplicación.



CASOS DE ESTUDIO CON AUTOJET® E1850+



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

PROBLEM: A manufacturer of steel reinforcement bars was struggling to reduce the amount of water used in the cooling process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses a spray cooling system to reduce water consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved more than €750,000 annually by using the new spray cooling system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4032 Fabricante de barras de acero ahorra más de € 750,000 con el nuevo Spray Cooling System



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

PROBLEM: A manufacturer of hardwood flooring was struggling to reduce the amount of pigment used in the finishing process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses a spray pigment system to reduce pigment consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved €40,000 annually by using the new spray pigment system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4033 Fabricante de suelos de madera ahorra € 40,000/año mediante la pulverización del pigmento



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

PROBLEM: A plastic cup manufacturer was struggling to reduce the amount of anti-static spray used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated anti-static spray system to reduce anti-static spray consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved €18,000 annually by using the new automated anti-static spray system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4034 Fabricante de vasos de plástico ahorra € 18,000 anualmente mediante el Sistema Automatizado Anti-Static Spray



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

PROBLEM: An elastomer manufacturer was struggling to reduce the amount of release agent used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce release agent consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved €50,000 annually by using the new automated spray system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4035 El sistema automatizado de pulverización, ayuda a fabricante de elastómero a reducir el consumo de agente desmoldeante ahorrando € 50,000



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

PROBLEM: A wood pellet manufacturer was struggling to reduce the amount of oil used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce oil consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved more than €10,000 annually by using the new automated spray system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4036 Fabricante de pellets de madera ahorra más de € 10,000 anualmente gracias al sistema de pulverización de aceite automatizado



TISSUE MANUFACTURER SAVES €40,000 AND IMPROVES SUSTAINABILITY

PROBLEM: A tissue manufacturer was struggling to reduce the amount of release agent used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce release agent consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved €40,000 annually and improved sustainability by using the new automated spray system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4037 Fabricante de tejido ahorra € 40,000 y mejora la sostenibilidad



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

PROBLEM: An OSB manufacturer was struggling to reduce the amount of wastewater used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce wastewater consumption. This system also reduces energy costs.

RESULTS: The manufacturer has saved €25,000 per year by recycling 2 million liters of wastewater.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4038 Fabricante OSB ahorra € 25,000 por año mediante el reciclaje de 2 millones de litros de aguas residuales



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

PROBLEM: A modular retaining wall manufacturer was struggling to reduce the amount of release agent used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce release agent consumption. This system also reduces energy costs.

RESULTS: The manufacturer has cut release agent use by 75% and saved more than €60,000 per year.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4039 Fabricante de muros de contención modular reduce el consumo del uso de desmoldeante en un 75% y consigue ahorrar más de € 60,000/año



CABLE MANUFACTURER HALVES ITS CHEMICAL CONSUMPTION WITH AUTOMATED SPRAY SYSTEM

PROBLEM: A cable manufacturer was struggling to reduce the amount of chemical used in the production process. The system was inefficient and costly to maintain.

SOLUTION: The manufacturer implemented the AUTOJET E1850+ system, which uses an automated spray system to reduce chemical consumption. This system also reduces energy costs.

RESULTS: The manufacturer has halved its chemical consumption by using the new automated spray system.

APPLIED: Spraying Systems Co. Experts in Spray Technology

CS E4040 Fabricante de cables reduce a la mitad su consumo de productos químicos con el sistema automatizado de pulverización

FIBER-CEMENT SIDING MANUFACTURER REDUCES COATING CONSUMPTION, SAVES € 98,000 ANNUALLY WITH AUTOMATED SPRAY SYSTEM

PROBLEM: A global manufacturer wanted to spray and finish their fiber-cement siding panels, which had irregular shapes and sizes. The manual process was labor-intensive and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the irregular shapes and sizes of the panels and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the panels, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the panel's shape.

RESULTS: The company has reduced coating consumption by 15%, saving € 98,000 annually. The system also improves the quality of the finish and reduces labor costs.



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SUSTAINABILITY APPLIED.

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

PROBLEM: A manufacturer of automotive parts was experiencing high defect rates in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the complex shapes of the parts and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the parts, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the part's shape.

RESULTS: The company has reduced defects by 20%, saving € 300,000 annually. The system also improves the quality of the finish and reduces labor costs.



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Experts in Spray Technology

SUSTAINABILITY APPLIED.

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

PROBLEM: A manufacturer of structural insulated panels (SIP) was experiencing high defect rates in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the large size of the panels and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the panels, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the panel's size.

RESULTS: The company has increased product quality and saved resources by 10%. The system also improves the quality of the finish and reduces labor costs.



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SUSTAINABILITY APPLIED.

CS E401 Fabricante de revestimiento de Fibrocemento reduce el consumo y ahorra € 80,000 anualmente

CS E402 Fabricante de automóviles reduce defectos y ahorra € 300,000 con el sistema automatizado de pulverización

CS E403 Fabricante de Panel aislado estructural (SIP) aumenta la calidad del producto y ahorra recursos

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

PROBLEM: A steel bar manufacturer was experiencing high oil consumption in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the long length of the bars and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the bars, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the bar's length.

RESULTS: The company has eliminated oil overspray, saving € 17,500 per year. The system also improves the quality of the finish and reduces labor costs.



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Experts in Spray Technology

SUSTAINABILITY APPLIED.

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

PROBLEM: A manufacturer of cement boards was experiencing high chemical consumption in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the large size of the boards and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the boards, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the board's size.

RESULTS: The company has reduced chemical use by 10%, saving € 27,000 per year. The system also improves the quality of the finish and reduces labor costs.



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Experts in Spray Technology

SUSTAINABILITY APPLIED.

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

PROBLEM: A manufacturer of building products was experiencing high material consumption in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the large size of the products and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the products, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the product's size.

RESULTS: The company has saved more than € 35,000 per year. The system also improves the quality of the finish and reduces labor costs.



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Experts in Spray Technology

SUSTAINABILITY APPLIED.

CS E404 Fabricante de barras de acero elimina el exceso de pulverizado de aceite, y ahorra € 17,500 por año

CS E405 Fabricante de Juntas de Cemento reduce el uso de químicos y ahorra € 27,000 al año

CS E406 El sistema automatizado de pulverización ahorra a fabricante de materiales de construcción más de € 35,000 por año

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

PROBLEM: A foam parts producer was experiencing high material consumption in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to reduce the amount of material used and improve the quality of the finish. They needed a system that could handle the large size of the parts and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the parts, ensuring a consistent finish and reducing material waste. The system also allows for easy adjustment of the spray pattern to match the part's size.

RESULTS: The company has saved more than € 30,000 per year. The system also improves the quality of the finish and reduces labor costs.



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Experts in Spray Technology

SUSTAINABILITY APPLIED.

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

PROBLEM: A can manufacturer was experiencing low revenue in their spray coating process. The manual process was inconsistent and required a lot of material. The company wanted to increase the amount of material used and improve the quality of the finish. They needed a system that could handle the large size of the cans and provide a consistent finish.

SOLUTION: The company installed the AUTOJET E1850+ automated spray system. The system uses a robotic arm to spray the cans, ensuring a consistent finish and increasing material use. The system also allows for easy adjustment of the spray pattern to match the can's size.

RESULTS: The company has increased yearly revenue by € 4 million. The system also improves the quality of the finish and reduces labor costs.



Spraying Systems Co.
Experts in Spray Technology

SUSTAINABILITY APPLIED.

CS E407 El sistema automatizado de lubricación mediante pulverización ahorra a un productor de Foam más de € 30,000 al año

CS E408 Fabricante de latas aumenta sus ingresos anuales 4 millones de euros gracias al nuevo sistema de pulverización

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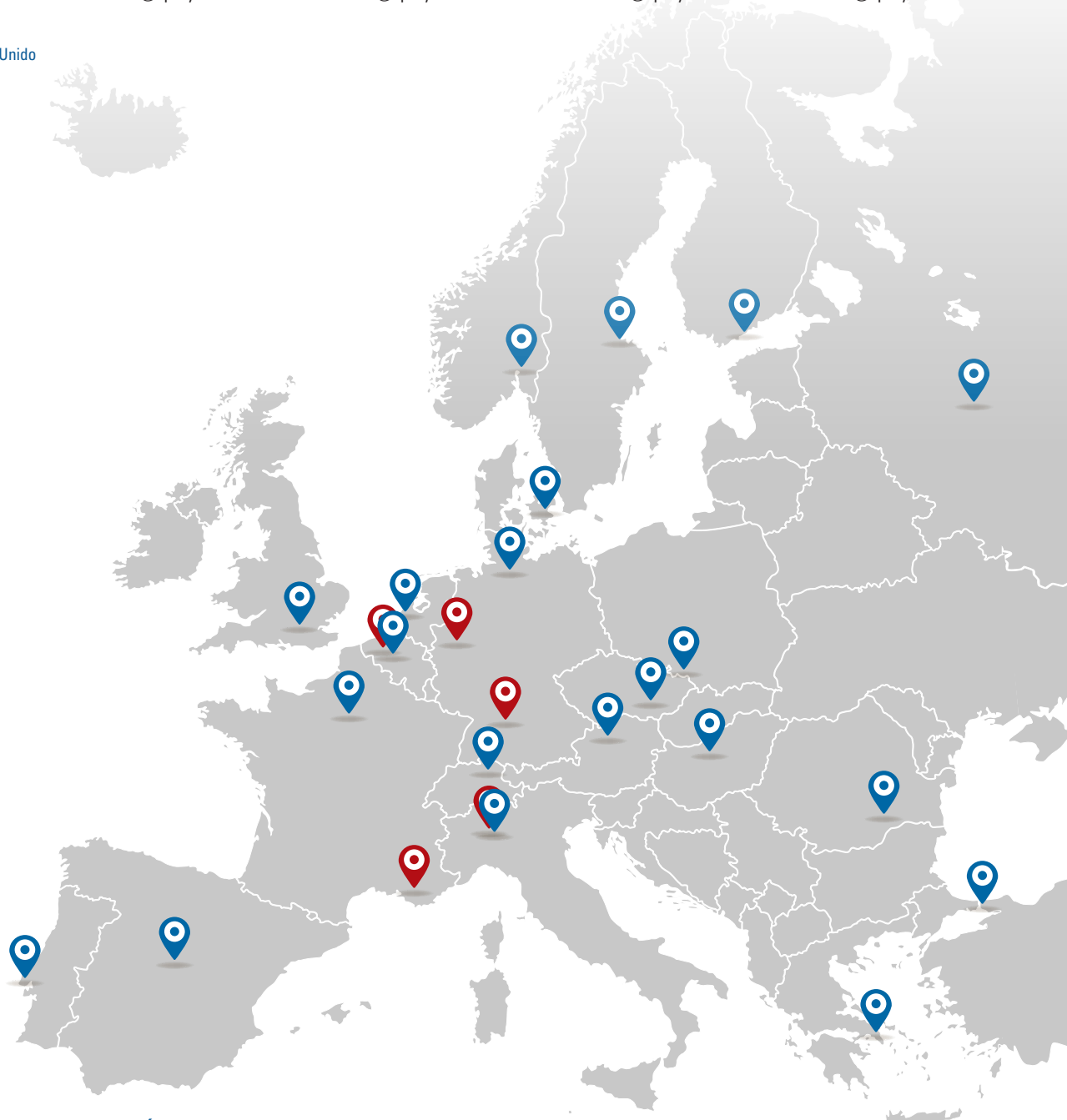
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