

# SPRAY-PAINTING PART SYSTEM

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## ABSTRACT

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A system is introduced for the automation of spray-painting. Sprays mounted with full-cone nozzle are combined with a conveyor system that allows the part to travel along and be painted automatically during the operation. This system is created to replace the conventional spray system in early industry which requires a huge amount of labor power, less efficiency and less accuracy. Facts this system can decrease manual labor, improve the productivity rate, and provide a standard of finish outcome of the painted parts that suits for long-term manufacturing. Useful details and data that involve in constructing this system are given. Several times of model testing were performed to validate the system.