




# Conversion and replacement overview for UNICOAT and SOUCOAT Powder Systems

- applicable  
○ not applicable

		conversion PCE or UNICOAT to SOUCOAT P-80S SOUCOAT P-120S		conversion SOUCOAT P-60 or P-120 to P-80S to P-120S		new SOUCOAT S P-80S P-120S	
System Module							
General	welding speed > 85 m/min	○	●	○	●	○	●
	ready for UNICONTROL system	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>	● <sup>1</sup>
FDC Powder recycling unit	new FDC-400	○	○	○	○	●	●
	new electro cabinet	●	●	●	●	●	●
	mechanical upgrade - new level indicator (FDC built until 2016) - automatic filter cleaning (FDC built until 2018), only for FDC-1000 - hose feed from top (FDC built until 2009)	●	●	●	●	○	○
	industry 5.0 - lower energy consumption - lower sound level	●	●	●	●	●	●
	filter monitoring	○	●	○	●	○	●
CPF Powder application unit	new CPF-400	●	●	●	●	● <sup>2</sup>	● <sup>2</sup>
	proportional valves for all airflow settings	●	●	●	●	●	●
	HVS-400 - newest high voltage system with self-diagnosis	●	●	●	●	●	●
	powder tubes monitoring for feed air and internal suction	●	●	●	●	●	●
	auto fluidization setting	●	●	●	●	●	●
	wear detection for nozzle and injector sleeve	○	●	○	●	○	●
	powder flow detection	●	●	●	●	●	●
	powder flow monitoring indic. for feeded powder quantity	○	●	○	●	○	●
PSA Powder Spray Arm	Cumulus spray head with adjustable retaring lips	replacement with add. cost for new spray arm if HVS is EA60/62, HVS-94 or tribo		remains		new	
Others	new welding arm cable (5 pole)	●	●	●	●	●	●
	industry 4.0 readiness for networking and data transfer	optional		optional		optional	
	FPF (Bulk Powder Feeding System)	○	○	optional		optional	

Remarks 1) if UNICONTROL is not available, a stand alone control (UC4 SA) must be purchased in addition  
2) standard on roller, optional directly mount on new welder SOUCAN 600S

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