



Clean room feeding systems Afac MedCat

Feeding systems in the clean room area are often subject to special customer-specific specifications or regulations. In order to analyze them together with you and support you in designing the feeding system that suits you and your application, we have designed different categories.



More information about the different categories is provided in our **brochure "Clean room feeding systems"**.

	MedCat I	MedCat II	MedCat III	MedCat IV
Feeding bowl	Natural polyamide (with FDA approval) Ra = 3.2	Natural polyamide (with FDA approval) Ra = 3.2	Natural polyamide (with FDA approval) Ra = 3.2	Natural polyamide (with FDA approval) Ra = 3.2
	Stainless steel (1,4305) Ra = 3.2	Stainless steel (1,4305) Ra = 3.2	Stainless steel (1,4305) Ra = 3.2	Stainless steel (1,4305) Ra = 3.2
	Aluminum hard-coated Ra = 3.2	Aluminum hard-coated Ra = 3.2	Aluminum hard-coated Ra = 3.2	Aluminum hard-coated Ra = 3.2
Bowl cover	Macrolon 8 mm	Macrolon 8 mm		
Mounts (Fill level, light barrier)	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
Coating	MetaLine GU1123 ceramic blasting	MetaLine GU1123 ceramic blasting	MetaLine GU1123 ceramic blasting	MetaLine GU1123 ceramic blasting
Particle ejection		with ejection & collection container, plastic	with ejection & collection container, plastic	with ejection & collection container, FDA plastic
Chicanes and outlet pieces	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)
Base	Mounting plate, round Steel blue chromated Ra = 3.2	Mounting plate, round Steel chemically nickel-plated Ra = 3.2	Mounting plate, round Steel chemically nickel-plated Ra = 3.2	Mounting plate, round Stainless steel Ra = 1.6
	without enclosure of leveling base Ra = 3.2	without enclosure of leveling base Ra = 3.2	with enclosure of leveling base Ra = 3.2	with enclosure of leveling base Ra = 1.6

Conveyor bowl

	MedCat I	MedCat II	MedCat III	MedCat IV	
Base	Base plate	Steel blue chromated, 20 mm Ra = 3.2	Steel chemically nickel-plated, 20 mm Ra = 3.2	Steel chemically nickel-plated, 20 mm Ra = 3.2	Aluminum anodized, 30 mm Ra = 1.6
	Base frame	Welded frame powder-coated Ra = 3.2	Welded frame powder-coated Ra = 3.2	Stainless steel ceramic blasted Ra = 3.2	Stainless steel ceramic blasted Ra = 1.6
	Paneling	Steel plate powder-coated Ra = 1.6	Steel plate powder-coated Ra = 1.6	Stainless steel polished Ra = 1.6	Stainless steel polished Ra = 1.6
Linear conveyor	Linear conveyor	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)
		Aluminum Ra = 3.2	Aluminum Ra = 3.2	Aluminum Ra = 1.6	Aluminum Ra = 1.6
	Linear feeder	without enclosure Ra = 12.5	without enclosure Ra = 12.5	with enclosure Ra = 1.6	with enclosure Ra = 1.6
	Base	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
	Particle ejection		with ejection & collection container Plastic	with ejection & collection container Plastic	with ejection & collection container FDA plastic
	Mount (light barriers etc.)	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
Provision	Mounts for separating	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
		Aluminum Ra = 3.2	Aluminum Ra = 3.2	Aluminum Ra = 3.2	Aluminum Ra = 1.6
	Provision	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 3.2	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)	Stainless steel (1.4112 & 1.4125) Ra = 1.6 (in contact with product) Ra = 3.2 (not in contact with product)
Refilling device	Refilling device	Vibrating refill hopper, stainless steel Ra = 1.6	Vibrating refill hopper, stainless steel Ra = 1.6	Vibrating refill hopper, welded shut Ra = 1.6	Vibrating refill hopper, welded shut Ra = 1.6
	Base	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
	Mount for queries	Steel blue chromated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Steel chemically nickel-plated Ra = 3.2	Stainless steel Ra = 1.6
	Hopper cover	Macrolon 8 mm	Macrolon 8 mm	Macrolon 8 mm	Macrolon 8 mm
	Steel parts Hopper cover	Steel parts chrome-plated	Steel parts nickel-plated	Steel parts nickel-plated	Stainless steel
	Enclosure	Conveyor bowl	Aluminum anodized Macrolon	Aluminum anodized Macrolon	Stainless steel with dust protection cover
Linear conveyor				Stainless steel Macrolon	Stainless steel Macrolon