



BECAUSE HEAT WORKS.

REINHARDT. THE SPECIALIST IN HEAT TREATMENT. SINCE 1937.



BARREL **COATING SYSTEMS**

For nearly 30 years, coating is an important pillar for the company Reinhardt.

Our system concepts are designed in such a way that optimum results can be achieved with lowest material usage. With our unique and particularly matured centrifugal technology, we are able to reduce the material usage noticeably. Beside the outstanding repeatability, the Reinhardt systems offer best availability and reliability.

„FOR REINHARDT THE MOST
IMPORTANT ELEMENTS OF INNOVATIVE
AND COST-EFFECTIVE SOLUTIONS ARE
PARTNERSHIP AND PROXIMITY TO OUR USERS“





BASKET COATINGFLEX SYSTEMS

Besides individual special systems which are able to coat nearly every size and geometry, the company Reinhardt was able to create a true standard. This standard was honored with the nomination to the „Technology Innovator“. Another outstanding feature of our systems is the large selection of additional options. Our wealth of experience enabled us to create a very advanced list of options. Therefore, we are able to react ultraflexible to various scenarios.

Special requests like automatic part feed, batch report, separate loading and unloading station, part handling (full and semi-automatic), cooling zone and different dryer principles (batch-, belt- or tray oven) etc. are therefore no price-driving special requests, but can be included into the standard as options.

„PROFITABLE COATINGS OF SMALL AND
QUICK-CHANGING BATCH SIZES!
MAXIMUM FLEXIBILITY COMPLIES
WITH MAXIMUM EFFICIENCY.“



Modular Coating Systems

Type "T" Barrel and "K" Basket		T 300S	T 602	K 451/350	K 801/600	K 802/600
Features						
Number of Barrels / Baskets		1	2	1	1	2
Tilting 85°		-	-	Yes	Yes	Yes / No
Diameter of Barrels / Baskets	mm	800	800	450	800	800
Width of Barrels / Height of Baskets	mm	300	600	350	600	600
Max. batch weight	kg	100	200	100	200	200
Max. recommended batch volume	Liter	60	120	35	135	135
Max. total volume	Liter	90	180	55	350	350
Capacities						
Fastest cycle time	min	4	2	3	2	1,5
Average cycle time	min	5	3	5	3	2
Max. capacity per hour	kg/h	1.500	6.000	2.000	6.000	8.000
Average capacity per hour in kg	kg/h	1.200	4.000	1.200	4.000	6.000
Average capacity per hour in l	l/h	720	2.400	420	2.700	4.000
Dip Tank volume approx.	Liter	100	160	100	350	350
Recommended part range		M5 - M16	M5 - M16	M5 - M12	M5 - M20	M5 - M20
Recommended part dimensions	mm	10 - 160	10 - 200	10 - 160	10 - 200	10 - 200
Reference part DIN 931		M8x35	M8x35	M8x35	M8x35	M8x35
Acceleration time / Spin speed	s; rpm	3; 320	3; 320	4; 450	3; 320	3; 320
Control						
PLC Siemens		S7	S7	S7	S7	S7
Charging man		man	-	man	-	-
Charging auto		auto	auto	auto	auto	auto



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