

RIEDEL TOBACCO

TRS (Tobacco Recovery System for Shorts)

Riedel
FILTERTECHNIK

Benefits

- Shorts recovery rate of up to 2% of the total amount of tobacco
- Shorts recovery efficiency of up to 98%
- Recovery of requested tobacco short sizes
- No blend-specific settings necessary
- Flexible location next to the cigarette maker
- Easy connection to the cigarette maker
- Continuous refeed of tobacco shorts to the cigarette maker hopper
- No impact on capacity and performance of the existing feeding and de-dusting systems
- Short-term ROI



TRS is a stand-alone unit that separates tobacco shorts from cigarette maker tobacco dust that is transported to the central cigarette maker de-dusting system.

This system can be easily installed beside cigarette maker. The TRS is able to recover the targeting particle fraction, e.g. >0.5, >0.85, >1.0 mm. We master a recovery of up to 2% of the total amount of tobacco directly back to the cigarette maker as tobacco shorts with an efficiency of up to 98%. This is already underlined and confirmed in several production installations.

Service

Within our all-round service we offer in-house tests with customer's material. Our customers can arrange an appointment with us, we test the material at our pilot plant and deliver a report of the tobacco shorts recovery rate.



TRS

for cigarette maker with internal hopper fan:

TRS 20 (up to 2,000 m³/h)

TRS 35 (up to 3,500 m³/h)

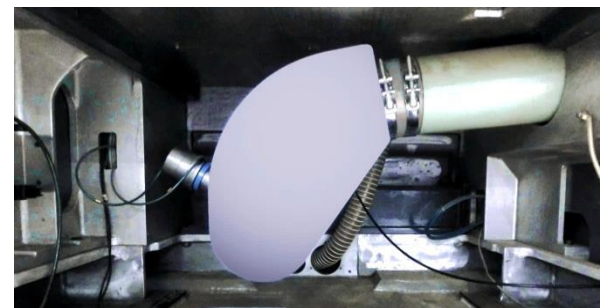


TRS plus

replacing internal hopper fan of cigarette maker:

TRS 20 plus (up to 2,000 m³/h)


TRS 35 plus (up to 3,500 m³/h)



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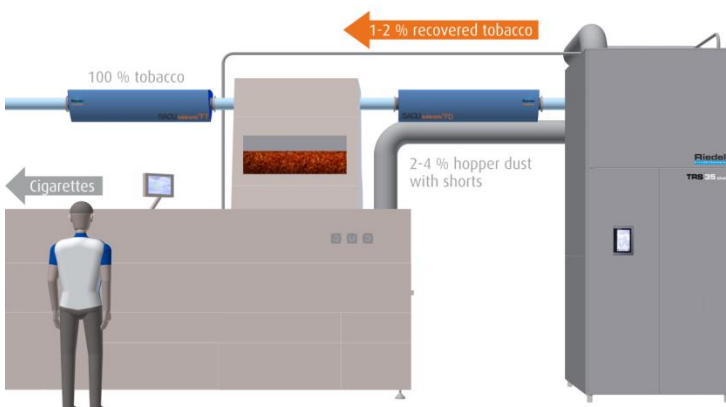
	Recovered tobacco* related to total cut filler	Shorts particle size
Results with TRS plus (without internal hopper fan)		
TRS 20 plus at Protos 90/VE100	2.16 %	> 0.50 mm
TRS 20 plus at Protos 80E	2.42 %	> 0.50 mm
TRS 20 plus at Protos 80E	1.54 %	> 0.50 mm
TRS 20 plus at Protos 70	2.55 %	> 0.50 mm
TRS 20 plus at Protos 70	2.33 %	> 0.50 mm
TRS 35 plus at GD121 AF	2.21 %	> 0.50 mm
TRS 35 plus at GD121 AF	1.61 %	> 0.50 mm
TRS 35 plus at Decoufle	2.21 %	> 0.50 mm
TRS 35 plus at GD121 AF	1.50 %	> 0.85 mm
TRS 20 plus at Protos 2-2	0.81 %	> 1.00 mm

Results with TRS

(with internal hopper fan)

TRS 20 at Protos 90/VE100	1.44 %	> 0.50 mm
TRS 20 at Protos 80E	1.10 %	> 0.50 mm
TRS 20 at Protos 80E	0.98 %	> 0.50 mm
TRS 20 at Protos 70	0.92 %	> 0.50 mm
TRS 20 at Protos 70	0.73 %	> 0.50 mm
TRS 35 at GD121 AF	0.79 %	> 0.50 mm
TRS 35 at Decoufle	1.21 %	> 0.50 mm
TRS 35 at Protos 2	0.45 %	> 1.00 mm
TRS 20 at Protos 90/VE100	0.44 %	> 1.00 mm
TRS 20 at Protos 80E	0.40 %	> 1.00 mm

*amount of recovered tobacco depends on mesh size of TRS / TRS plus, tobacco blend and type of maker



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