



MODEL CALCULATION ¹⁾: Annual SAVINGS due to the mixing tool system TuneMixx[®]

Specific operating assumptions	
Residual feed preparation metallurgy	130.000 t/a
Working hours	6.000 h/a
Average sales price residual feed	450 €/t
Nominal gross proceeds	58.500.000 €/a
Nominal contribution margin (35%)	20.475.000 €/a
Loss of margin due to a plant standstill	3.413 €/h
Average wear protection durability of the mixing blades	1.500 h
Replacement frequency of the mixing blades	4 Rf/a
Average cost of mixing blades	470 €/pcs. ²⁾ 780 €/pcs. ³⁾
Internal costs per assembly hour	70 €/h

Savings	System TuneMixx [®]	Competing Systems	Difference
(A) ASSEMBLY COSTS			
Number of mechanics	1 person	3 persons	
Required time for replacing mixing blades per mixer	1 h	10 h	
Costs (A)	280 €/a	8.400 €/a	-8.120 €/a
(B) LOSS OF CONTRIBUTION MARGIN due to a plant standstill while replacing mixing blades			
Downtime	4 h/a	40 h/a	
Loss of margin (B)	13.652 €/a	136.520 €/a	-122.868 €/a
(C) MIXING BLADE WEAR COSTS			
Number of mixing blades per mixing tool system	10 pcs.	10 pcs.	
Number of turning the mixing blades	1 time	0 time	
Costs(C)	15.600 €/a ³⁾	18.800 €/a ²⁾	-3.200 €/a
SAVINGS IN TOTAL			134.188 €/a

¹⁾ The numbers are estimates which must be tailored to each individual application. Guarantees cannot be derived.

^{2)/3)} Prices Competing Systems / Prices TuneMixx[®]