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Machine Id	:- 421	Serial No	:-
Category	:- Shot / Sand Blasting Machines	Model	:- 100KG AND 50KG
Country	:- Germany	Make	:- ROSLER
Type of Machine	:- SHOTBLASTING AND SANDBLASTING	Year	:- 1997
Weight	:- 0.0	Dimensions	:-
Power	:-	Location	:-

Specification :-

ROsler shotblasting systems are characterized by many innovative details.

In order to utilize the available space, a compact machine design of this tumble belt batch machine was chosen which fits into the flow of the production line. The advantage of the batch process was that the components could remain in the shot blasting chamber for a longer time than in a continuous machine. In the case of sand removal, a longer blast cycle is required for optimum cleaning. The accumulation of parts into batches was solved by vibratory hoppers with a capacity of up to 100KG. The engineers paid special attention to the tumblast system and the loading conveyors. The high part temperature, the different geometries, the different parts sizes, and the different part weights, required utilisation of a steel belt. The loading conveyors were equipped with felt-like, heat resistant conveyor belts.

The sand removal process required another special system feature. In order to remove sand continuously, quickly, and completely from the shot blasting system and to recycle it after cleaning, each machine was fitted with a double magnetic separator, a double cascade air flow separator and an impact pre-cleaner.