

## 2PGS Screening type Double Roll Crusher



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Model	Material to be crushed	wheelbase	Cutting diameter	Roller speed	Feeding size	Discharging size	Productivity			dimensions	weight
							30%	35%	40%	LxWxH	kg
	mm	mm	mm	r/min	mm	mm				mm	
2PGS 850	coal≤57MPa siltstone≤70MPa medium and fine sand block≤120MPa siliceous sandstone≤150MPa	850	980	49	≤800	≤250					

### **Operational principle:**

this crusher is to install toothed crown (toothed plate) on two main shafts which will rotate in opposite direction and then build up cutting and stretching force to break material. Main shafts pour out material directly into the whole top space of crusher by driving mechanism (single or double drive) and not restricted by crushing size. After crushing, the material will be discharged between two toothed plate and side wall comb teeth, screening and crushing are finished

with shapely product granularity.

**Applications:**

Suits for coarse and secondary crushing of various materials such as limestone, granite, iron ore, coal, etc. Its low and short main frame, rather compact and simple structure, make the weight of whole machine is lighter than other crusher by 1/2~1/3 with the same capacity. Therefore, it is preferred product for portable and semi-portable screening and crushing plants. We have three different length boxes of short case, standard case and long case for every serial to meet the needs of different capacities. And various gear teeth for every specification is available to fit different crushing and discharge the materials forcedly without jam, so it rather suits to those sticky and high water content material. This product has the properties of low power consumption and low noise, is environmental and energy conservative product.