

2PGC series Double Toothed Roll Crusher



[2PGC series Double Toothed Roll Crusher](#)

Model	Material	Roller diameter	Roll length	Roller speed	Max. feeding size	Discharging size	Prescribed capacity	Rotating speed	Weight
Double toothed roll series		mm	mm	r/min	mm	mm	t/h	r/min	kg
2PGC1200×1500	Lead and zinc clinker	φ1067	1500	70.5	300	≤100	210	1480	52000
2PGC1250×1250	clay, siltstone	φ1205	250	85-96	≤600	≤35	150~200	1500	36600
2PGC850×1500	concrete, bitumen	φ850	1500	3~5	800	100	100~150	970	27041
2PGC900×900	Freezing coal	φ900	900	65.5	≤350	≤80	250	980	13000
2PGC620×410	Magnesium and iron	φ620	410	60	≤65	≤25	34	1500	3540
2PGC810/450-570	bentonite (clay)	φ450-810	570	70-700	≤65	≤20	65 ~ 75	1480	6026
2PGC1015×760	Medium-hard coal	1015	760	53	80-200	6-50	20-150	740	19221
2PGC600×900	Coal , coke	φ670-740	900	64	100	25-75	50-110	980	7230
2PGC600×750	Coal , coke	φ600-740	750	50	300	25-100	30-100	750	6950

2PGC450×500	Coal , coke	φ430-540	500	50	200	0~100	55	730	3400
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Main usage:

2PGC series double toothed roll crusher used to coarse and medium crushing of various ore and rock of low hardness in these industrial sectors such as mineral processing, chemistry, cement, building material, etc. This machine mainly consists of the housing, rolls, deep tooth gear and safety spring, also has double motors and double belts to drive. V-belt drives two rolls to rotate in opposite direction by motors and finish material crushing. Space of rolls can be adjusted within certain range to control discharging size. Among this series , 2PGC 450 × 500 、 700 × 500 、 700 × 500 、 1200 × 800 are for fine crushing , 2PGC 900 × 900 、 1200 × 1800 for medium crushing, 2PGC1200 ×1500 mainly used to crush high hardness and low hardness of iron ore clinker, lead, zinc clinker in some smelter and iron works.