

Series CTG High Intensity Roller PM Separator

Specification

English Version
For reference only

General Introduction

Series CTG High Intensity Roller PM Separator is able to remove the weak magnetic impurities from the fine and coarse powder materials, it has been widely used in ceramic, glass, chemical, refractory industry and so on



Features

- Combing the permanent magnetic drum and high field intensity roller together reasonable, get an better iron-removing effect.
- Eccentric connecting rod machine that leads magnetism system, which can increase the tumbling numbers of the magnetic material flows through the rollers
- Adjust the rotational speed of the drum and magnetic roller by frequency conversion, in order to suit the different requirements of the different size and production.
- Having the dust removal mouth, made the dust emissions centralized, achieved the requirements of environmental protection.
- Having compound magnetism system, with high magnetic field intensity, big gradient.
- Auto-clean the adsorption weak magnetic oxides, can make the equipment running a long time without fault.
- With the adjustable feeding system, guarantee the uniformity of the material which flows through the magnetic field zone.

Specification Table

Model	Diameter x Length		Roller Nr.	Magnet Intensity		Process Capacity	Revolving Speed		Belt Width	Motor Power	
	Drum	Magnetic Roller		Drum	Magnetic Roller		Drum	Magnetic Roller		Drum	Magnetic Roller
	mm	mm		Gs	Gs		ton/h	r/min		r/min	mm
CTG-3/5	300 × 500	100 × 500	1	≥4000	≥12000	0.8-1	30	17-82	0.1-2.0	0.75	0.37
2CTG-3/5	300 × 500	100 × 500	2	≥4000	≥12000	0.8-1	30	17-82	0.1-2.0	0.75	0.37
3CTG-3/5	300 × 500	100 × 500	3	≥4000	≥12000	0.8-1	30	17-82	0.1-2.0	0.75	0.55
4CTG-3/5	300 × 500	100 × 500	4	≥4000	≥12000	0.8-1	30	17-82	0.1-2.0	0.75	0.55x2
CTG-4/8	400 × 800	100 × 800	1	≥4000	≥12000	1.2-2.0	30	17-82	0.1-2.0	1.10	0.55
2CTG-4/8	400 × 800	100 × 800	2	≥4000	≥12000	1.2-2.0	30	17-82	0.1-2.0	1.10	0.75
3CTG-4/8	400 × 800	100 × 800	3	≥4000	≥12000	1.2-2.0	30	17-82	0.1-2.0	1.10	0.75
4CTG-4/8	400 × 800	100 × 800	4	≥4000	≥12000	1.2-2.0	30	17-82	0.1-2.0	1.10	0.75x2
CTG-5/10	500 × 1000	100 × 1000	1	≥4000	≥12000	2.0-3.5	30	17-82	0.1-2.0	1.50	0.55
2CTG-5/10	500 × 1000	100 × 1000	2	≥4000	≥12000	2.0-3.5	30	17-82	0.1-2.0	1.50	0.75
3CTG-5/10	500 × 1000	100 × 1000	3	≥4000	≥12000	2.0-3.5	30	17-82	0.1-2.0	1.50	0.75
4CTG-5/10	500 × 1000	100 × 1000	4	≥4000	≥12000	2.0-3.5	30	17-82	0.1-2.0	1.50	0.75x2
CTG-5/12	500 × 1200	100 × 1200	1	≥4000	≥12000	4.0-7.0	30	17-82	0.1-2.0	2.20	0.75
2CTG-5/12	500 × 1200	100 × 1200	2	≥4000	≥12000	4.0-7.0	30	17-82	0.1-2.0	2.20	1.10
3CTG-5/12	500 × 1200	100 × 1200	3	≥4000	≥12000	4.0-7.0	30	17-82	0.1-2.0	2.20	1.10
4CTG-5/12	500 × 1200	100 × 1200	4	≥4000	≥12000	4.0-7.0	30	17-82	0.1-2.0	2.20	1.10x2
CTG-6/15	600 × 1500	100 × 1500	1	≥4000	≥12000	7.0-10.0	30	17-82	0.1-2.0	4.0	0.75
2CTG-6/15	600 × 1500	100 × 1500	2	≥4000	≥12000	7.0-10.0	30	17-82	0.1-2.0	4.0	1.50
3CTG-6/15	600 × 1500	100 × 1500	3	≥4000	≥12000	7.0-10.0	30	17-82	0.1-2.0	4.0	1.50
4CTG-6/15	600 × 1500	100 × 1500	4	≥4000	≥12000	7.0-10.0	30	17-82	0.1-2.0	4.0	1.50x2