

Series CTN Wet Drum PM Separator

Specification

English Version
For reference only

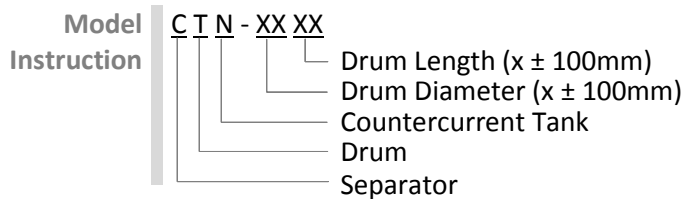
General Introduction The CTN series wet drum permanent magnetic separator is specially designed for reclaiming the magnetism in the coal factory

CTN Series is equipped with Countercurrent Tank



- Features**
- Wholly sealed magnetic system, composed by ferrite and rare earth magnetic steel.
 - Reasonably designed for the mineral-pulps flowing direction.
 - The module structure is convenient for the transportation of magnetic separator.
 - Adaptable for the parameters change such as flowing rate and concentration.
 - Size :0-3mm
 - Simple structure, high processing capacity, easy operation and maintenance.

Working principle Adopting the magnetic force generating from the permanent magnetic system, the magnetism in mineral is attracted to the surface of drum and then rotate with the drum. As the magnetic force disappears, in the force of gravity and the block of scraper the magnetism mineral is discharged while the non-magnetism material is discharged from tailing hole.



Specification Table

Model	Drum Size (D x L)	Drum Surface Magnetic Induction Intensity	Process Capacity	Drum Revolving Speed	Motor Power	Model Dimension L x W x H	Unit Weight
	mm	mT	ton/h	r/min	kW	mm	kg
CTN-1012	1050 × 1200	150-300	50-160	21	3	2650×2170×1705	2600
CTN-1015	1050 × 1500	150-300	70-200	21	4	2965×2170×1705	3200
CTN-1018	1050 × 1800	150-300	90-260	21	4	3265×2170×1705	3700
CTN-1021	1050 × 2100	150-300	120-300	21	5.5	3715×2170×1705	4200
CTN-1024	1050 × 2400	150-300	150-400	21	5.5	4015×2170×1705	4900
CTN-1027	1050 × 2700	150-300	180-350	21	5.5	4315×2170×1705	5500
CTN-1030	1050 × 3000	150-300	230-400	21	7.5	4835×2170×1705	5900
CTN-1218	1200 × 1800	150-300	130-320	16	5.5	3265×23805×1935	4300
CTN-1224	1200 x 2400	150-300	190-380	16	7.5	4015×23805×1935	5600
CTN-1230	1200 × 3000	150-300	280-460	16	7.5	4835×23805×1935	6400