

Series CTY

Wet Drum PM PreSeparator

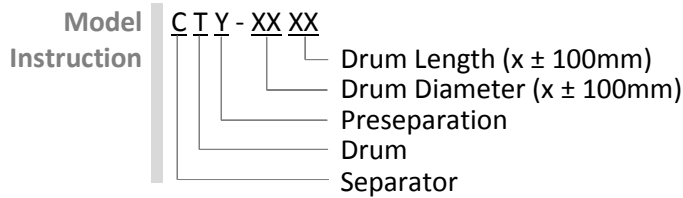
Specification

English Version
For reference only

General Introduction The CTY series wet drum permanent magnetic pre-separator is designed for the magnetic ore before gridding to preseparating and discarding tailings



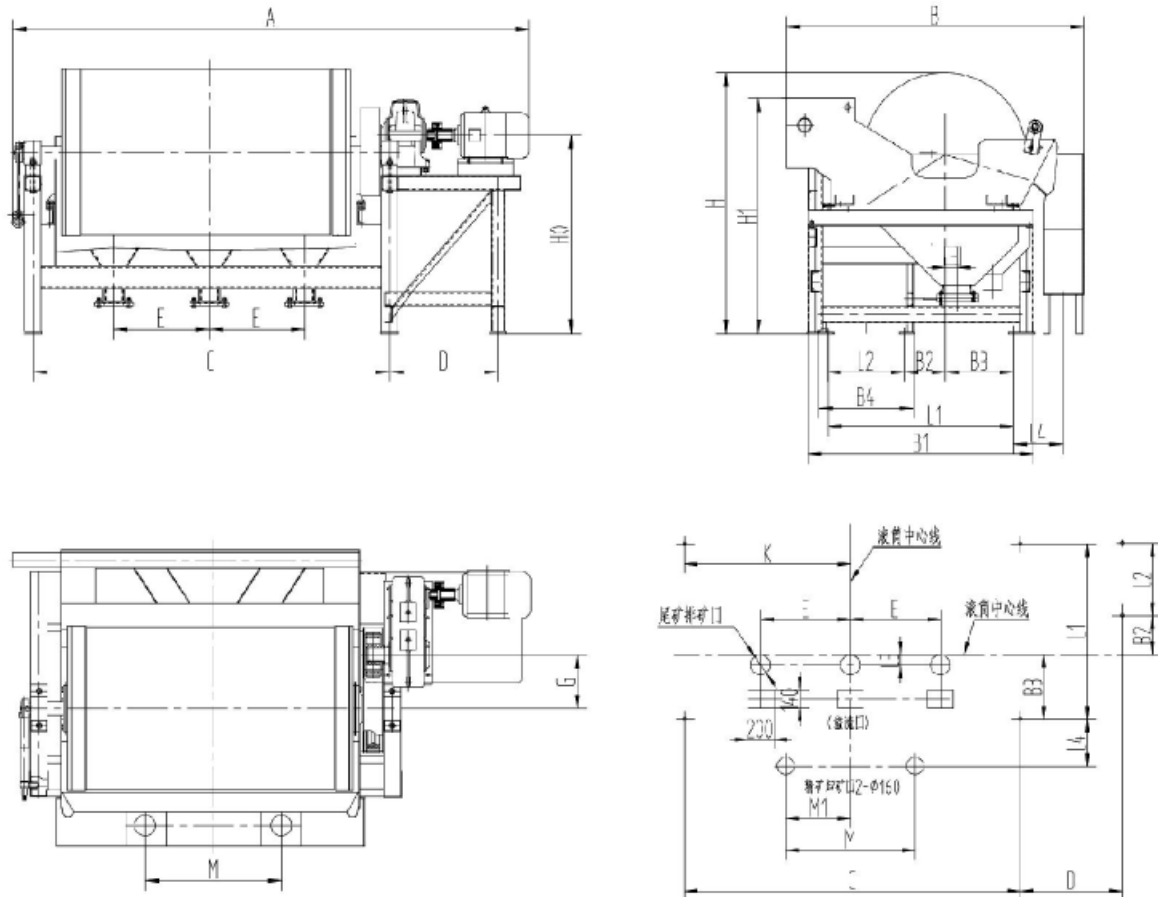
- Features**
- The feeder is equipped with the mixer to make sure the uniform distribution of the materials going into the tank
 - the particle size for feeding material reaches 16mm in diameter
 - The percentage of magnetic minerals in the tailing reduce apparently, around 1-3% lower than general equipment.
 - The magnet system employs the large wrap angle in order to prolong the separation process and enhance the concentrate grade of 2-4%



Specification Table

Model	Drum Size (D x L) mm	Drum Surface Magnetic Induction intensity mT	Process Capacity ton/h	Motor Power kW	Unit Weight kg
CTY-1015	1050 × 1500	The Magnetic induction intensity is based on the type of mineral. Able to design according to custom specification	35-65	7.5	3800
CTY-1018	1050 × 1800		40-75	11	4350
CTY-1021	1050 × 2100		50-90	11	4900
CTY-1024	1050 × 2400		60-100	15	5600
CTY-1030	1050 × 3000		90-125	15	6500
CTY-1218	1200 × 1800		70-90	15	5100
CTY-1224	1200 × 2400		90-120	18.5	6230
CTY-1230	1200 × 3000		120-160	18.5	8100
CTY-1245	1200 × 4000		150-200	22	11500
CTY-1530	1500 × 3000		140-190	18.5	9200
CTY-1540	1500 × 4000		170-240	18.5	11000
CTY-1545	1500 × 4500		190-260	22	12000
CTY-1550	1500 × 5000		200-280	22	13500
CTY-1830	1800 × 3000		160-240	22	11000
CTY-1840	1800 × 4000	200-280	30	15000	
CTY-1850	1800 × 5000	260-350	37	23000	

Outline Dimension & Installation



Model	A	B	B1	B2	B3	B4	C	D	E	F	G	H	H0	H1	L1	L2	L3	L4	M	N
	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm	mm
CTY1015	2760	2060	1300	750	890	530	1950	650	400	/	720	1447	1040	/	1200	455	757	120	/	150
CTY1018	3060	2060	1300	750	890	530	2250	650	425	/	720	1447	1040	/	1200	455	757	120	/	150
CTY1021	3360	2060	1300	750	890	530	2550	650	550	/	720	1447	1040	/	1200	455	757	120	/	150
CTY1024	3660	2060	1300	750	890	530	2850	650	625	/	720	1447	1040	/	1200	455	757	120	1375	150
CTY1030	4458	2060	1300	750	890	530	3450	650	775	/	720	1447	1040	/	1200	455	757	120	1675	150
CTY1218	3344	2186	1655	1014	1044	695	2250	790	400	/	810	1928	1445	/	1359	565	950	180	/	280
CTY1224	3998	2186	1655	1014	1044	695	2835	790	845	/	810	1928	1445	/	1359	565	950	180	1185	280
CTY1230	4600	2186	1655	1014	1044	695	3450	790	1000	/	810	1928	1445	/	1359	565	950	180	1385	280
CTY1245	6150	2186	1655	1014	1044	695	4950	790	1250	/	810	1928	1445	/	1359	565	950	180	1385	280
CTY1530	4505	2600	1990	1030	1150	695	3450	690	1000	/	810	2250	1618	/	1695	560	880	210	2200	300
CTY1540	5505	2600	1900	1030	1150	695	4450	690	1200	/	810	2250	1618	/	1695	560	880	210	2700	300
CTY1550	7030	2625	1960	300	658	795	5720	755	1260	/	1030	2270	1670	2010	1665	660	106	320	3040	300
CTY1830	5350	2610	2300	413	750	800	3750	1050	800	/	1100	2690	2070	2190	1930	670	380	340	1800	470
CTY1840	6380	2910	2300	413	750	1000	4780	1050	1026	/	1375	2690	2070	2190	1930	870	380	340	3600	470
CTY1850	748	2910	2300	413	750	1000	5780	1050	1026	/	1375	2690	2070	2190	1930	870	380	340	3600	470