

CONCRETE TIE RECYCLER

CTR

≡ PRODUCT DATA SHEET



Illustration image

CTR – FLEXIBLE AND EFFICIENT

- ≡ OVER 100 TIES / HOUR
- ≡ LOWEST COST PER TIE / SLEEPER
- ≡ GAIN CRUSHED CONCRETE AND CLEAN METAL
- ≡ ELECTRIC DRIVEN AND MOBILE
- ≡ EASY TO TRANSPORT

CTR – Concrete Tie Recycler – is the most advanced and cost efficient solution to recycle steel reinforced concrete ties / sleepers in a high volume of more than 100 pieces per hour. The implemented Hartl Jaw Crusher is designed with a unique up trust toggle system, better known as the Hartl Quattro Movement, which moves the ties effectively downwards into the crusher chamber. The result is a high throughput, very clean steel bars and a cubical shape of the crusher concrete. The electrical driven crusher is powered by two powerful synchro motors and offers a reverse drive function and automatic deblocking mode. In combination with the separator set, consisting of two conveyors and a strong permanent magnet it makes the CTR complete. Optional further conveyors and screeners out of the Hartl Crusher Modular Solution product range make the CTR to a complete mobile recycling plant.

MODEL	PE 909
max. lifting height mm	4490
max. load in kg	5500
max. reach in mm	2800
electric power/peak in A	100 / 150
power supply in V / A / Hz / Ph	380-400 / 150 / 50 / 3
dimensions L/W/H in mm	5550 / 2300 / 2150
weight incl. crusher in kg	14000

E-Crusher	E950
inlet opening in mm	950 x 525
Jaw setting in mm	45 – 100
electric power in kW	50

conveyor belt	HCB5000
length in mm	5000
discharge height in mm	2400
power supply in V/A/Hz/Ph	380-400 / 7.5 / 50 / 3
dimension L/W/H in mm	5290 / 1310 / 2840

tower separator	HTS700 / HMS700
max. height in mm	3250
max. load in kg	1000
force density in mm/FD(K)	100 / 28
power supply in V/A/Hz/Ph	380-400 / 16 / 50 / 3
dimensions L/W/H in mm	2030 / 1810 / 3330

operating temperature in °C	-10 / +40
warranty in month	12

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