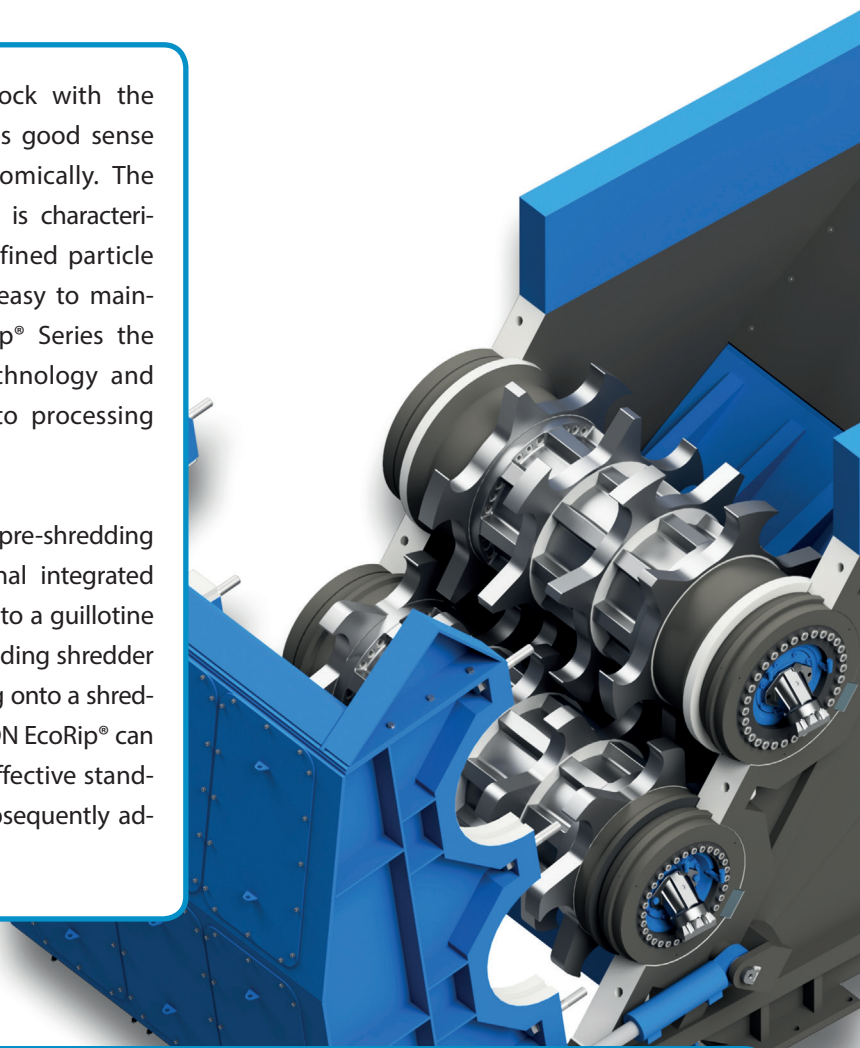


The basis for a more efficient shredder process

Processing shredder feedstock with the aid of EcoRip® always makes good sense both technically and economically. The SICON EcoRip® Pre-Shredder is characterized by a high output at defined particle sizes and is also especially easy to maintain. That makes the EcoRip® Series the benchmark in terms of technology and efficiency when it comes to processing shredder feedstock.

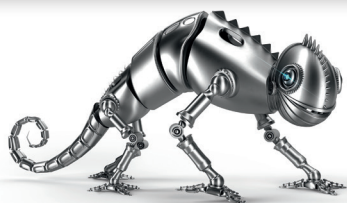
The EcoRip® is ideal for both pre-shredding mixed scrap with an optional integrated screening step as alternative to a guillotine shear, as well as for pre-shredding shredder input material prior to loading onto a shredder infeed conveyor. The SICON EcoRip® can also be flexibly used as an effective stand-alone solution or can be subsequently added to an existing system.



EcoRip® as an upstream addition to any shredder line for pre-shredding

- Pre-shredding of bales, auto bodies, mixed scrap – is thus also possible in smaller shredders
- Separation of inert fines with the aid of integrated screens upstream of the main shredder
- Increase in performance of main shredder (by up to 30 %) with corresponding adaptation of the electronic control system of the main shredder
- Significant decrease in wear and tear of main shredder
- Prevention of explosions occurring in the main shredder, thus decrease in emissions
- The combination of EcoRip® and main shredder enables SICON's dry AirTuning® exhaust purification process
- Segmented rotor for simplified maintenance
- Power-controlled hydraulic pumps reduce the speed at high torque

BENEFITS





The pre-treatment of shredder feedstock with the EcoRip® is both economically and technically advisable. SICON's EcoRip® features a high throughput capacity with a defined output size as well as very maintenance-friendly design making the EcoRip® the industry's benchmark pre-shredder for pre-treatment of shredder scrap.

The EcoRip® is also suited for pre-treatment of mixed scrap with integrated screening as an alternative to conventional guillotine shear as well as pre-treatment of shredder feed stock before feeding into the shredder. The EcoRip® is flexible in its applications and can be used as a stand-alone-solution or can be integrated retrospectively in existing systems.

Variation	EcoRip® 200 Neo	EcoRip® 250 Neo
Feeding width [inch/mm]	80" / 2,000	100" / 2,500
Input power		
Top rotor (slow moving) [kW/HP]	90 / 120	205 / 279
Bottom rotor (fast moving) [kW/HP]	250 / 335	710 / 965
Flipper [kW/HP]	22 / 30	37 / 50
Speed		
Top rotor (adjustable) [min ⁻¹]	3-6	3-6
Bottom rotor (adjustable) [min ⁻¹]	14-20	14-22
Output [t/h]		
Mixed scrap, ELVs	approx. 70	approx. 100
Bale density <0.8 t/m ³ / 50 lbs/ft ³	approx. 40	approx. 70
Bale density <1.0 t/m ³ / 62 lbs/ft ³	approx. 30	approx. 50-60

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