

# ZECK ALU SEPARATOR (ZAS)

THE LATEST INNOVATION TO EFFICIENTLY SORT SCRAP ACSR CONDUCTORS!

## MACHINE SPECIFICATIONS

Diameter of ACSR conductors or OPGW	10-40 mm   0.39 - 1.57 inch
Number of conductors	1
Max. rope speed	106 m/min (6.4 km/h)   4mph
<b>ELECTRIC DRIVE</b>	
Drive performance	approx. 17 kW
Width x Height x Length	1.5 x 2.4 x 2.3 m   5' x 8' x 7.5'
Weight	ca. 2.500 kg   5,200 lbs
<b>CONVEYOR BELT FOR ALUMINUM CLIPPINGS</b>	
Expulsion height	approx. 1.200 mm - 47.25"

## OPTIONAL

Diesel generator set

## CURRENT STATE

An old conductor is pulled by a puller-tensioner and then directly reeled onto a hydraulically driven reel/drum stand with a detachable reel/wooden drum.

The reeled old conductors are bought by scrap dealers, where they are recycled.

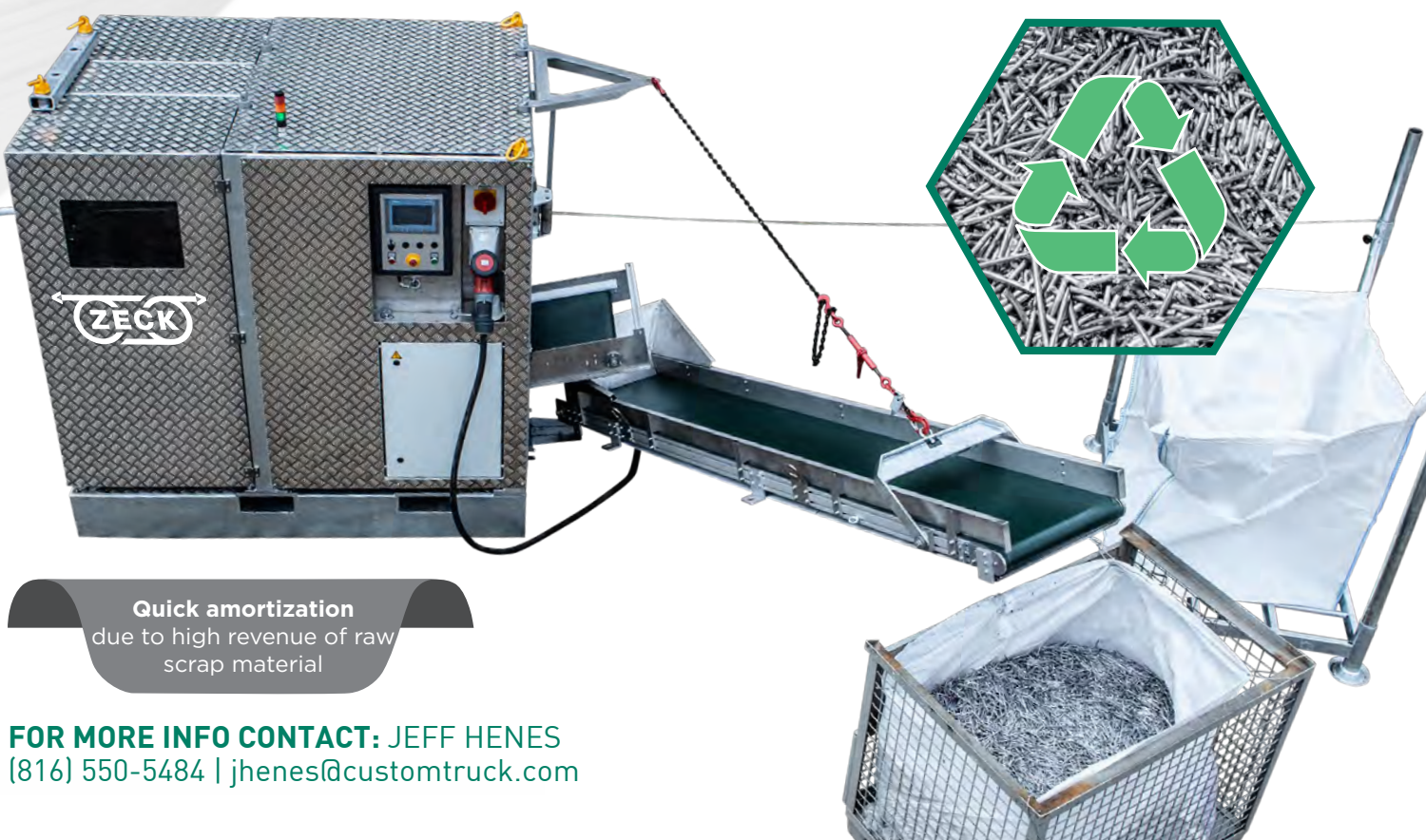
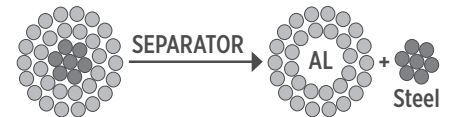
## ZECK INNOVATION

The ZECK Al/Steel Separator (ZAS) is positioned between the puller-tensioner and a reel winder/drum stand during the stringing operation, or between two reel winders/drum stands on-site at the scrap dealer.

The conductor passes through the ZAS, the aluminum layers are scraped off and cut into aluminum pieces of 30-70 mm and are disposed to the side into big bags or containers via a conveyor belt.

The undamaged steel core is reeled onto the reel winder/drum stand. This way, pure materials can be separated during the stringing operation! The max. rope speed is 6.4 km/h.

We deliver a customized diesel generator set for the energy supply.



**Quick amortization**  
due to high revenue of raw  
scrap material

**FOR MORE INFO CONTACT: JEFF HENES**  
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# ZECK ALU SEPARATOR (ZAS)

THE REVOLUTION IN SCRAPPING | SEPARATION ACSR CONDUCTORS!

## CONFIGURATION 1: AT JOB SITE | DURING STRINGING OPERATION

ZAS is positioned between the puller-tensioner and a reel winder/drum stand during the stringing operation  
ZAS is driven by a power generator



## CONFIGURATION 2: RECYCLING | WAREHOUSE

ZAS is positioned between two reel winders/drum stands  
ZAS can be driven electrically by AC voltage or by a power generation unit



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Subject to modifications and errors. Illustrations may include optional equipment.  
Technical data may vary depending on machine type. Performance data apply to 20 °C and sea level.