

PRESHREDDERS TWO OR THREE SHAFTS

DANIELI HENSCHEL

THE DANIELI HENSCHEL SERVICE ADVANTAGE

Only our service centres are qualified and authorised to produce components patented or designed by DANIELI HENSCHEL!



Our experienced, multi-lingual advisers are there to assist you in several countries.

- Versatile on-site service teams to solve all your maintenance problems
- Remote servicing via telediagnosis
- Stock management to supply your replacement parts as quickly as possible
- Contracts of periodic inspections or technical assistance
- Individualised training of your working staff



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ZDS, ZTS 05/2012 - 6B



PRESHREDDERS

TWO OR THREE SHAFTS

ZDS & ZTS RANGES

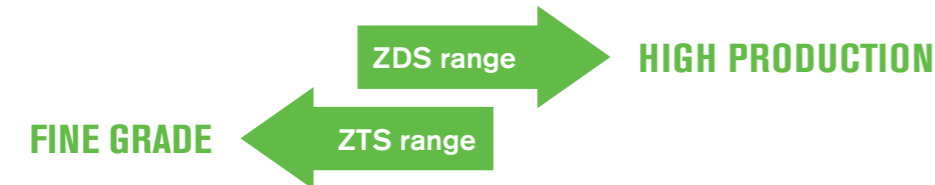
With their first-rate tooth profile and very high torque, DANIELI HENSCHEL preshredders are particularly suitable for processing scrap metal such as ELVs, sheet metal, WEEE, etc. in bulk or baled form. In this way, they can be used to control the grading and quality of preshredded products before they are fed into a shredder.

SPECIFIC ADVANTAGES

- Improved shredder production by preparing a homogeneously graded, densified product, reducing shredding time.
- Significant reduction of explosions in the shredder
- Detection of unshreddable material upstream from the shredder
- Increased service life of wear parts in the shredder
- Smoothing of shredder electricity consumption
- Optimised logistics for collecting products to be processed, by reducing intermediate handling and transport volumes

WORKING PROCESS

- Inclined hopper feed
- Easier material gripping via articulated ram or third shaft
- Separate adjustable shaft rotation speeds
- Very high shredding torque
- Shafts equipped with abrasion-proof steel profiled toothing, with ends reloaded with high-carbon steel
- Automatic rejection of unshreddable material by inverting the feed direction
- Independent shaft drive system [2-shaft version]



MAIN SPECIFICATIONS

■ Number of shafts	ZDS range → 2
	ZTS range → 3
■ Feed width	1800 <> 2500 mm
■ Articulated ram force	142 t
■ Total installed power	132 <> 837 kW
■ Production	ELV < 110 t/h
	bales < 80 t/h (for density < 0,8)



PRODUCTIVITY

- Hopper designed for optimal feed
- Specific equipment increasing material gripping efficiency by teeth
- Tooth profile suitable for all types of products
- Adjusted differential speeds between shafts to optimise material shredding

ERGONOMICS

- Easy installation in line with customer requirements
- Machine feedback on the two-way remote control
- Touch screen display man/machine interface



WORKING LIFE

- Body protected by abrasion-proof panels
- Reinforced hydraulic shaft drive system protection



MAINTENANCE

- Easier shaft access via hydraulic opening of upper housing (2-shaft version)
- Lifetime lubricated shaft bearings
- Most maintenance reduced to reloading tooth ends
- Low-Cost Maintenance specific DANIELI HENSCHEL hydraulics
- GSM telediagnosis modem



SAFETY

- Compliant with the 2006/42/EC Machine Directive
- Hopper pre-fitted to receive a fire fighting system
- Protection preventing any dangerous oscillation of hydraulic hoses

OPTIONS

- Automated heavy swivelling conveyor at preshredder outlet
- Metal support frame
- Integral metal covers on concrete walls