

STATIONARY SCRAP SHEARS CNS-CV2

CNS stationary shears with the option of baling

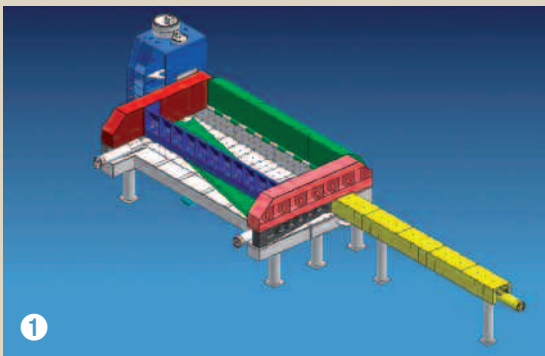
- Cuts and bales steel scrap
- High shearing force
- Patented press before shearing technology and high deformation forces allow for processing of extremely hard scrap
- CNS shears can operate in an extreme range of temperatures
- Remote connection to the ZDAS Service Center enables efficient technical assistance



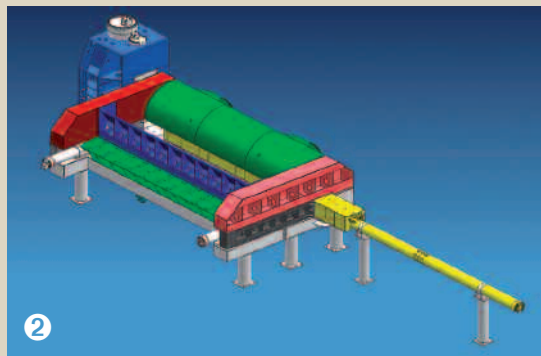
System of scrap processing with a jaw and cover with the option of baling

With a tensile strength of 440 MPa, the shears are designed to cut and bale bulky amortization and bar scrap

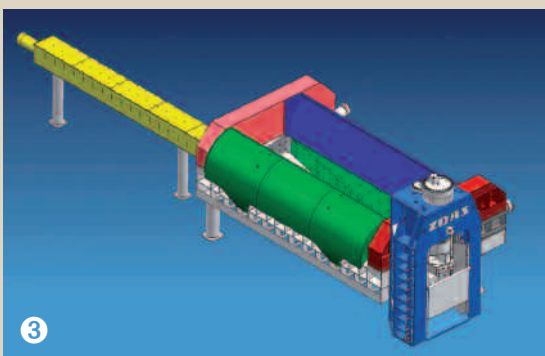
CNS-CV2 shears
at the plant of a Russian
customer



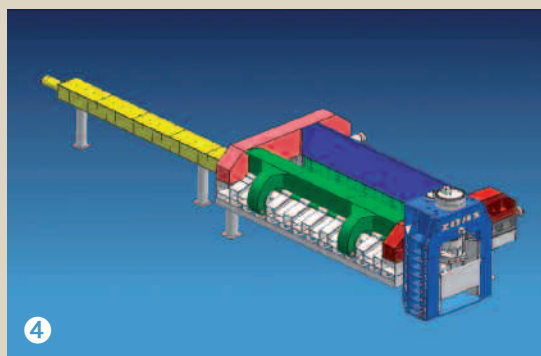
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- 1 Side precompression of scrap by a swinging movement of the jaw
- 2 Movement of the swinging cover moves scrap up to the height of the pusher
- 3 Extended movement of the press cylinder bales the scrap and moves it to the cutting area
- 4 Compressed scrap is either pushed out as a bale or is cut to a working length

Basic technical parameters

		CNS-CV2
Cutting force	t	800; 1,100; 1,600
Length of charging chamber	mm	6,000; 8,000; 10,000
Width of charging chamber	mm	2,000–2,500
Height of charging chamber	mm	2,000
Maximum tensile strength of the processed material	MPa	440
Maximum thickness of the baled material wall	mm	6
Installed input of the main pumps	kW	4 x 75 – 6 x 75
Shears output (steel scrap)	t/hr.	23–45



Input before shearing



Pushing out the cut scrap



Input before baling



Output of the bale



CNS shear in operation at a Russian customer's plant