

ŽDAS mobile scrap shears have been celebrating success in the market

ŽDAS, a joint stock company, has been producing mobile shears for eighteen years and this equipment represents one the company's most successful products. More than 247 complete units of this equipment were assigned for production to this date. The Czech Republic is the main target market where 109 mobile shears were sold followed by Slovakia with 48 supplied mobile shears. During preceding twelve years ŽDAS sold 79 mobile shears units in total to Russia, Germany, Poland, Austria, Serbia, Switzerland, France, Belgium, Norway, Finland and Ukraine. Ing. Albín Jaitner, who retired in the end of 2008, had had the highest importance share in the development of mobile shears in ŽDAS. Ing. Michael Formánek is in charge of mobile shears development at present.

New concept of CNS 400 K line mobile shears was firstly introduced by ŽDAS in 2000 at Brno 42nd International Engineering Fair where it was awarded with Gold Medal. CNS 400 K mobile shears are designed to cut both, bulk and bar metal wastes and are able to process even 6 tons per hour. In 2002 ŽDAS, a joint-stock company, presented other type of mobile shears - the line CNS 320 KK, designed for rail breaking and cutting of bar waste with output length to 400 mm. The mobile shears feature a hydraulic arm for material handling. During next year, ŽDAS Mechanical Design Department prepared a completely new mobile shears line, CNS 320 K including drive and electrical control, designed for cutting of bulk and bar scraps with output from four to seven tons per hour. The demand of customers for electrically driven mobile shears was met in 2008 when ŽDAS included the modification of CNS 400 KE mobile shears in its production program. These shears having the same power like CNS 400 K with diesel engine are characterised with lower noisiness and lower costs per processed ton. At 2009 Brno Fair ŽDAS presented another type of semimobile shears of CNS 700 SM line and it was again awarded with Gold medal. Framework of this equipment was reinforced so that bulk and bar scraps can be processed with output of twelve to twenty tons per hour. In-built hydraulic supports are used for loading and unloading the shears onto and from a trailer for transport. Since 2010 this type has been produced with designation CNS 730/190 MTC and starting with 2014, on request of local scrap processor, ŽDAS has introduced production of these mobile shears with electric motor. ŽDAS Design Department has designed modifications of mobile shears, the arctic and tropical as well.

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