



## Bucket Chain Excavator ERs 500

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Customer	NEK Sofia
Plant Location	Power Plant Maritza East (Bulgaria)
Scope of work	Turn-key-project

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**Project description**

Design, construction, fabrication, erection and commissioning of bucket chain excavator for ash removal in continuous mining operation (coal fired power plant)

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**Project Figures**

Nominal capacity :	1,300 lm <sup>3</sup> /h
Maximum capacity:	1,650 lm <sup>3</sup> /h
Specific digging force:	20 kN/m
Digging depth:	5 m
Length of bucket ladder:	11.5 m
Installed power at bucket chain:	160 kW
Number of buckets:	28
Nominal bucket capacity:	500 l
Speed of bucket chain:	1.17 m/s
Length of discharge boom:	24 m
Service weight:	270t

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**Project Schedule**

Commissioning in 2000

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**Contacts**

**TAKRAF Bulgaria Ltd**  
Oborischte Straße 35  
1504 Sofia  
Bulgaria  
phone +359 2 9461556 - 9463450 - fax +359 2 9461797  
takraf.bg@takraf.com