

**Concept to commissioning**

Tacmin Madini is a registered distributor of enrichment and classification plants. We work in close association with Turkey based manufacturer CWP in the delivery of enrichment and classification plants from concept to commissioning, enabling us to offer our customers more than 20 years of experience in the design, manufacturing and construction of plants.

CWP has delivered a broad range of technology-based products and solutions since 1990 in more than 15 countries worldwide, and continues to do so.

As well as its manufacturing capabilities, CWP also provides complete plant process designs upon which the customers can procure the specified equipment at their own responsibility.

CWP's engineering capabilities and knowledge enable more competitive prices as CWP can provide its own in house designs for manufacturing and constructing on EPC basis. On the other hand, CWP can offer services for process correction and commissioning of false processed / designed plants.




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**Registered distributor of CWP products****DE-KA MINING GELIK / ZONGULDAK ( 200 t/h)**

100 t/h Capacity, +20-150mm Coarse Coal Washing Plant  
100 t/h Capacity, +0,5-20mm Dust Coal Washing Plant

**MILTEN / ISTANBUL (150 t/h)**

100 t/h Capacity +10-150 mm Coarse Coal Washing Plant  
50 t/h Capacity +0,5-20 mm Fine Coal Washing Plant

**UYAR MINING SOMA / MANISA (175 t/h) + ( 50 t/h)**

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**EGE UYARLAR MINING / SOKE ( 150 t/h)**

100 t/h Capacity +18-150mm Coarse Coal Washing Plant  
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200 t/h Capacity +10-250 mm, Coarse Coal Washing Plant  
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**ZIRVE MINING / KILIMLI - ZONGULAK (10 t/h)**

10 t/h Capacity, +0-0,15 mm Vacuum Filtration Plant for Sludge

**KARTALKAYA MINING / AZDAVAY - KASTAMONU (118 t/h)**

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<http://www.tacmingroup.com/enrichment-classification-mine-activities.html>

**Tacmin Madini – CWP Solutions****Plan extraction and beneficiate**

This turnkey service is unique to Tacmin Madini customers and consists of a combination of mineral resource extraction and EPCM contract for the classification and enrichment of extracted ore.

Head grade is consistently been achieved through a careful transparent planning and management of ore extraction process followed by the management of the crushing, screening and washing of the product.

This turnkey service ensures that the customers mining process (contractor or owner) is properly managed, monitored and optimised and dilution and contamination of ore is strictly controlled.

A turnkey planning and beneficiation contract consists of mining and beneficiation cost estimate, front-end engineering design, procurement, construction, provision of manpower, mineral resource extraction and management of crushing, screening and washing of product.

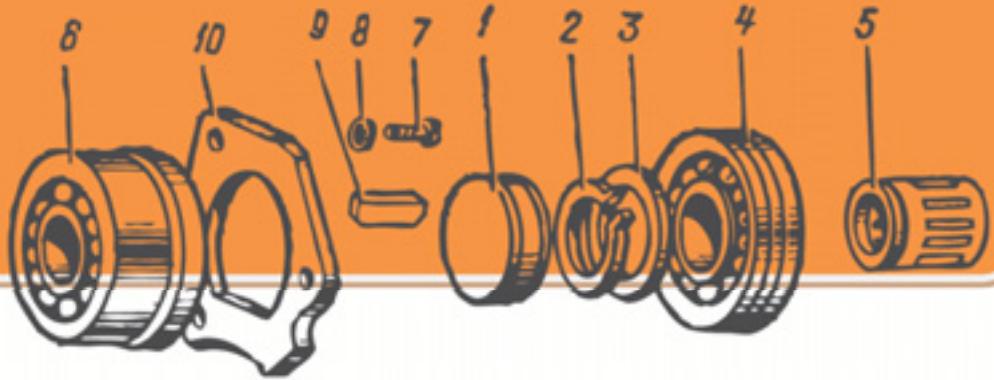
## THERMAL DRYERS

MINING EQUIPMENT

PRODUCT# TM/TD/27072011

### CWP services can be cited as:

- EPC plant procurement
- Equipment manufacture on custom requirements
- Plant process design
- Correction of false process designs and commissioning these flawed plants.
- Improving existing process designs / plants



### Thermal Dryers

PRODUCT #TM/TD/27072011

CWP vibrating fluid bed thermal dryers are generally used to dry coal.

CWP dryer units can be manufactured with capacities up to 100 TPH. These data can vary according to the thermal load.

## MECHANICAL PRODUCT SPECIFICATIONS SHEET

### TECHNICAL SPECIFICATIONS

CWP's proven thermal drying system enables easier conveying of sticky and wet coals CWP designed thermal dryers may be applied to the following coal types:

- ROM coal
- Filter cake
- Coal fines from a prep plant
- Steam coal
- Regenerated discharge coal
- Coking or metallurgical grade coal
- Washed and sized bituminous coal

### CWP COAL DRYER TYPES

To meet the needs of all the different grades of coal and different applications, CWP offers several types of dryers. CWP can offer different dryer types according to the needs of its customers.

### These are:

- Vibrating fluid bed dryers
- Conventional flash dryers
- Conventional (non-vibrating) fluid bed dryers
- Conventional (non-vibrating) fluid bed dryers with in-bed heat exchangers



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