

## SLURRY DEWATERING CENTRIFUGES

**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.



**Tacmin** *madini* we focus on high value added mining business solutions

*Tacmin Madini, formerly known as Tacmin Group, has been solving complex openpit mining business challenges since 1996. We are an independent consulting group, consisting of a mixture of permanent specialists and independent associates that co-operate in the delivery of professional services covering mineral resource evaluation, planning, design, management, construction, operation, maintenance and rehabilitation of open-pit mines.*

**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)**

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

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

**ESIN MINING / SOKE (75 t/h)**

50 t/h Capacity +20-150 mm Coal Washing Plant  
25 t/h Capacity +0,5-20 mm Coal Washing Plant

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

100 t/h Capacity +18-150mm Coarse Coal Washing Plant  
50 t/h Capacity +0,5-18mm Fine Coal Washing Plant

**SULUOVA ESKICELTEK / AMASYA (175 t/h)**

100 t/h Capacity, +18-150mm Coarse Coal Washing Plant  
75 t/h Capacity, +0,5-20 mm Fine Coal Washing Plant

**IMBAT MINING / SOMA ( 350 t/h)**

200 t/h Capacity +10-250 mm, Coarse Coal Washing Plant  
150 t/h Capacity +0,5-10 mm Fine Coal Washing Plant

**GURMIN MINING / SOMA (100 t/h)**

100 t/h Capacity +10-150mm Coarse Coal Washing Plant  
CELIKLER INSAAT / CORUM (150t/h)+ (175 t/h)

100 t/h Capacity +6-150 mm Coarse Coal Washing Plant  
50 t/h Capacity +0,5-10 mm Coarse Coal Washing Plant

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

**ZIRVE MINING / KILIMLI - ZONGULAK (175 t/h)**

100 t/h Capacity, +18-150 mm Coarse Coal Washing Plant  
75 t/h Capacity +0,5-18 mm Double Density Fine Coal Washing Plant

**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)**

50 t/h Capacity, +18-150 mm Coarse Coal Washing Plant  
50 t/h Capacity +0,5-18 mm Double Density Fine Coal Washing Plant

**HEMA KANDILLI COAL MINING/ ZONGULDAK (150 t/h)**

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

**CEKTAS A.S.- CIFTAY A.S. / OREN-MILAS-MUGLA (800 t/h)**

800 t/h Capacity, +0-400 mm Triage Coarse Coal Washing

Plant

<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.

# SLURRY DEWATERING CENTRIFUGES

MINING EQUIPMENT

PRODUCT# TM/SDC/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



## Slurry Dewatering Centrifuges

PRODUCT #TM/SDC/27072011

### MECHANICAL PRODUCT SPECIFICATIONS SHEET

#### TECHNICAL SPECIFICATIONS

##### Features

CWP Slurry Dewatering Centrifuge employs the latest and the most reliable technology. It can dewater the slurry between +0,15mm and - 3mm. CWP Slurry Centrifuge uses the unique engineering of CWP and the centrifugal force together for a more efficient drying.

It operates with less revolution, thus it consumes less power, parts and wearable surfaces have longer life span and the product is less disintegrated. CWP Slurry Dewatering Centrifuge's basket has a broad screen for better drying.

CWP Slurry Dewatering Centrifuges might be used in various material industries for different size intervals depending on the material to be processed.

##### Operation

Solids in the material fed to the machine are caught on the screen surface while the free liquid goes through the screen openings via the centrifugal force.

Solids on the screen fall down through the sub-opening of the machine. The liquid passed through the screen is collected and discharged from two effluent outlets.

Feeding Sizes	0,15 – 3 mm
Capacities	15 - 250 TPH



Tacmin Madini is a registered distributor of CWP Plants

