

## TEL TEMİZLEME VE KAPLAMA SİSTEMLERİ

WIRE CLEANING AND COATING SYSTEMS  
SYSTEME DE LAVAGE ET REVETEMENT DU FIL

# TKM07

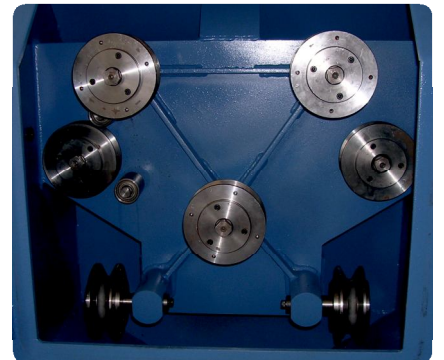
**TEL TUFAL KIRMA MAKİNESİ**  
MECHANICAL DESCALING (WITH 7 PULLEYS)  
DECALAMINEUSE (7 PASSES)



**Filmaşın çapı** : 5,50 mm - 6,50 mm

**Wire Rod Diameter** : 5,50 mm - 6,50 mm

**Diamètre de Filmachine** : 5,50 mm - 6,50 mm





**TEL TUFAL KIRMA MAKİNESİ**  
MECHANICAL DESCALING (WITH 12 PULLEYS)  
DECALAMINEUSE (12 PASSES)

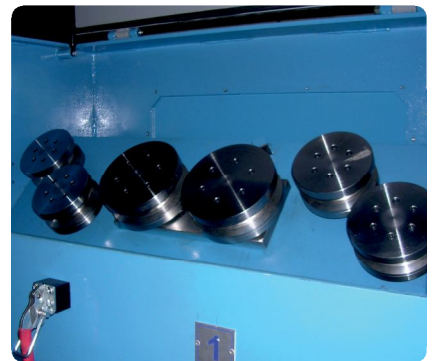
**TKM12**



**Filmaşın çapı** : 5,50 mm - 12,00 mm

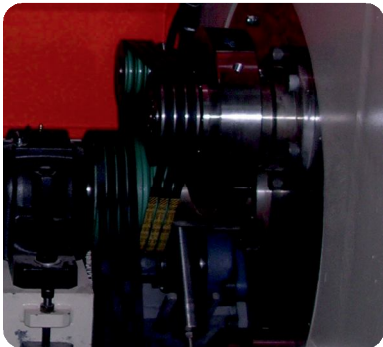
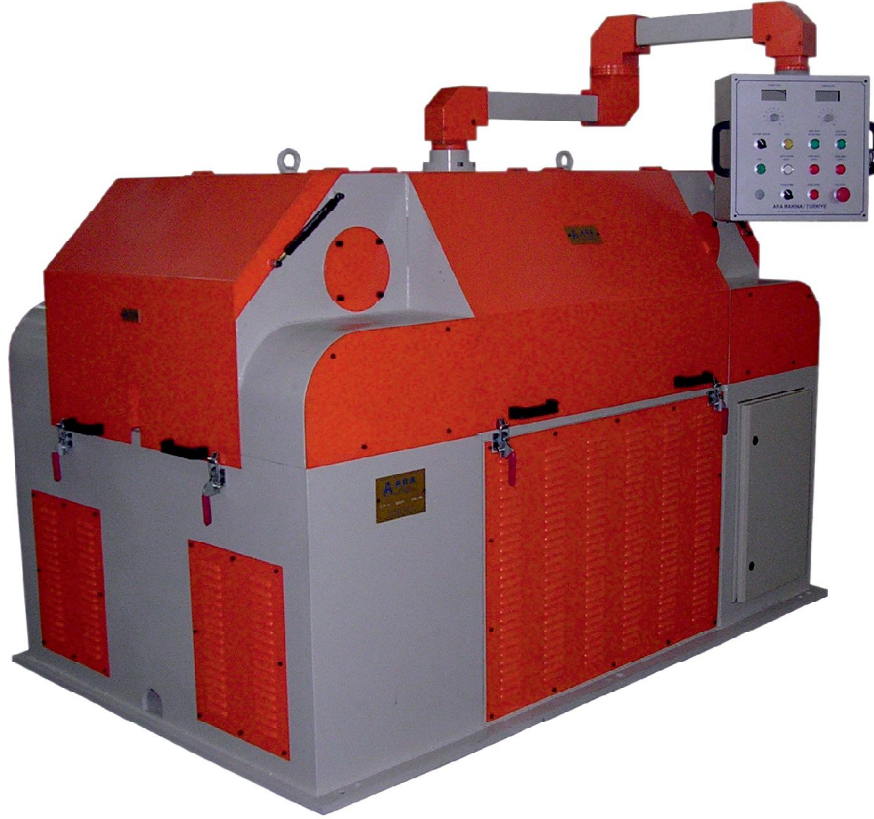
**Wire Rod Diameter** : 5,50 mm - 12,00 mm

**Diamètre de Filmachine** : 5,50 mm - 12,00 mm



# TZM65C

## TEL ZIMPARALAMA MAKİNESİ WIRE SANDING MACHINE MACHINE PONÇEUSE A PAPIER VERRE



**TR** Tel zımparalama makinası, tufal kırma makinasından gelen telin üzerindeki sıcak yapışmış tufal parçalarını temizlemek için kullanılır. Böylece basınçlı sıcak su ile temizlenen telin üzerine sabunun daha iyi tutunmasını sağlar.

**Motor gücü** : 2 adet 22 kw 1450 rpm AC  
**Tel temizleme çapları** : Ø5,50 mm – Ø6,50 mm  
**Zımpara adeti** : Inverter limit kontrollü tek yada çift zımpara vardır.  
**Kontrol paneli** : Makine üzerinde bir kontrol paneli mevcuttur.  
**Makine boyutları** : Boy = 2150 mm,  
Yükseklik = 1350 mm,  
Genişlik = 850 mm

**EN** It is a system used to clean hot scales stuck on high and low carbon wires coming out of mechanic cleaning. Scale powders remaining on any wire coming out of this machine are cleaned by passing them from a tank of hot compressed water for the purpose that it takes lubricant better.

**Motor Power** : 2 Units 22kw 1450 rpm AC  
**Wire Cleaning Diameter** : Standard Ø5,50 – Ø6,50  
**Number of sandpaper** : With single or double sandpaper inverter limit controlled.  
**Control Panel** : There is a control panel available on the machine.  
**Machine Dimensions** : Length = 2150 mm  
Height = 1350 mm  
Width = 850 mm

**FR** Ce système de nettoyer le fil qui sort de la decalamineuse par une méthode de ponçage à double bande (papier verre). Les pondres sur le fil sort de cette machine sont nettoyés en les faisant passer d'un réservoir d'eau chaude comprimé dans le but qu'il faut prendre lubrifiant mieux.

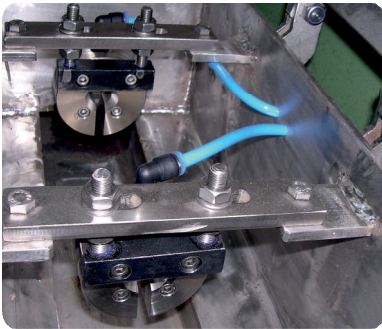
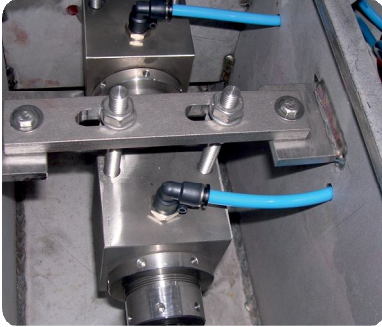
**Puissance moteur** : 22 Kw 1450 d / d AC (deux pièces)  
**Diamètre du fil** : Ø5,5 mm - Ø6,5 mm  
**Panneau de contrôle** : La machine est dispo de d'un panneau de contrôle.  
**Dimensions de la machine** : Longueur = 2150 mm  
Hauteur = 1350 mm  
Largeur = 850 mm



# BASINÇLI SU İLE YIKAMA

PRESURED WATER RINSING  
UNITE DE LAVAGE A HAUT PRESSION

# TYH02



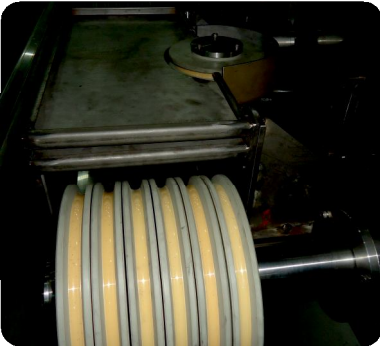
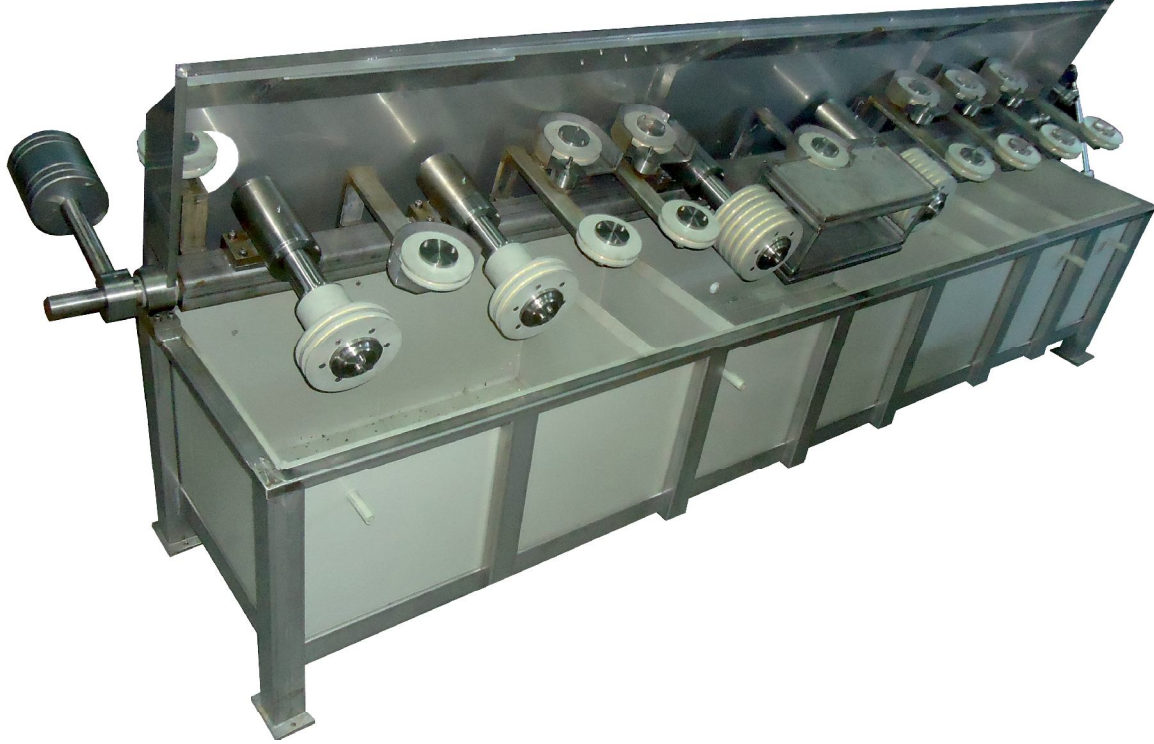
**TR** Bu makine, tufal kırma ve zımparalama makinasından gelen telin üzerindeki küçük parçaları ve kiri basınçlı su ile temizlemek için kullanılır. Aynı zamanda makinanın sonunda nozullar ile yapılan bir kurutma sistemi de vardır. Basınçlı su ile temizleme için 2 tane su nozulu vardır. Tanktaki temizleme suyunun sıcaklığı 75-85 °C ve basıncı 5-6 bar'dır. Bu makine 3 bölümden oluşur. İlk bölümde yıkama nozulları vardır. İkinci bölümde 250 litre ısıtma kapasiteli 3 kW'lık bir ısıtıcı ve pompa bulunur. Su ile durulamadan sonra partiküllerin doğal mıknatıs ile tutulması ise üçüncü bölümdedir. Burada asıl amaç; suyu tekrar kullanmak ve supompalarına küçük demir partiküllerinin kaçmamasını sağlamaktır.

**EN** This machine is used for cleaning of wire by pressurized water in order to wash away the small particulars and dust remaining on the surface of the wire from the discaling and brushing. There is also a drying process at the exit of the machine provided by means of a nozzle. There are two water nozzle on the pressurized water rinsing system. The wire is exposed to pressurized water cleaning through a tank at 75–85°C with 5–6 bar pressure.

As seen on the drawing, this system consist of 3 units. There are water rinsing nozzles in the first unit, there are 250 lt. 3 Kw heater and pump in the second unit, There is the natural magnetic absorption of particulars after the water rinsing in the third unit. The main purpose here is to re-use the used water, it is to prevent iron particulars get into the rinsing water pump.

**FR** Cette machine est utilisée pour le nettoyage du fil de l'eau sous pression pour laver les petites calamines et la poussière restant sur la surface du fil. Il y a également un processus de séchage à la sortie de la machine fournie par moyen d'une tuyère. Il y a deux tuyères d'eau sur le système de rinçage à eau pressurisée. Le fil est exposé à un nettoyage à eau sous pression à 75–85 °C avec 5–6 bars de pression.

Comme on le voit sur le dessin, ce système est composé de 3 unités. Il y a des tuyères d'eau de rinçage dans la première unité, il y a 250 lt. 3 kW chauffage et la pompe dans la seconde unité, L'absorption magnétique naturel de particulaires après l'eau de rinçage dans la troisième unité. L'objectif principal ici est de réutiliser l'eau sale, c'est pour empêcher les particulaires de fer entrer dans la pompe à eau de rinçage.



**TR** Tel bakırlama havuzu, daldırma şeklinde kaplama yapan bir sistemdir.

<b>Havuz kaidesi</b>	: AISI 316 L
<b>Havuz malzemesi</b>	: Polipropilen
<b>Havuz bölüm sayısı</b>	: 6
<b>Havuz makaraları</b>	: Polüpropilen yataklamalı saf seramik ring
<b>Döner hadde redüksiyonu</b>	: %12
<b>Tel çekme kapasitesi</b>	: Max. 1,6 mm
<b>Makine hızı</b>	: Max. 16 m/sn.

\* Skin-pass havuzlu ve döner haddeli \* Pnömatik devirmeli.

**EN** This is a system which makes the copper coating on the wires by the method of dipping.

<b>Tank holding base</b>	: AISI 316 L stainless steel
<b>Tank material</b>	: Polypropylene
<b>Number of cells in tank</b>	: 6
<b>Pulleys in tank</b>	: Polypropylene coated , pure ceramic rings.
<b>Reduction of rotating die</b>	: 12%
<b>Wire drawing capacity</b>	: Max. 1.6 mm
<b>Machine speed</b>	: Max. 16 m/sec.

\* With skin-pass tank and rotating die \* Pneumatic Tilting

**FR** Bassin à cuivrer le fil est un système à couvrir par baignade du fil.

<b>Base du bassin</b>	: AISI 316 L
<b>Matiers du bassin</b>	: Polypropilene
<b>Nombre de partie de la piscine</b>	: 6
<b>Bobine du bassin</b>	: Couvert en ceramique pure a du polypropilene
<b>Reduction du laminoir tournant</b>	: %12
<b>Capacite de tirer le fil</b>	: Max. 1,6mm
<b>Vitesse de la machine</b>	: Max. 16 m/sec

\* Avec piscine a skin-pass et a laminoir tournant \* Avec renverseur pneumatique