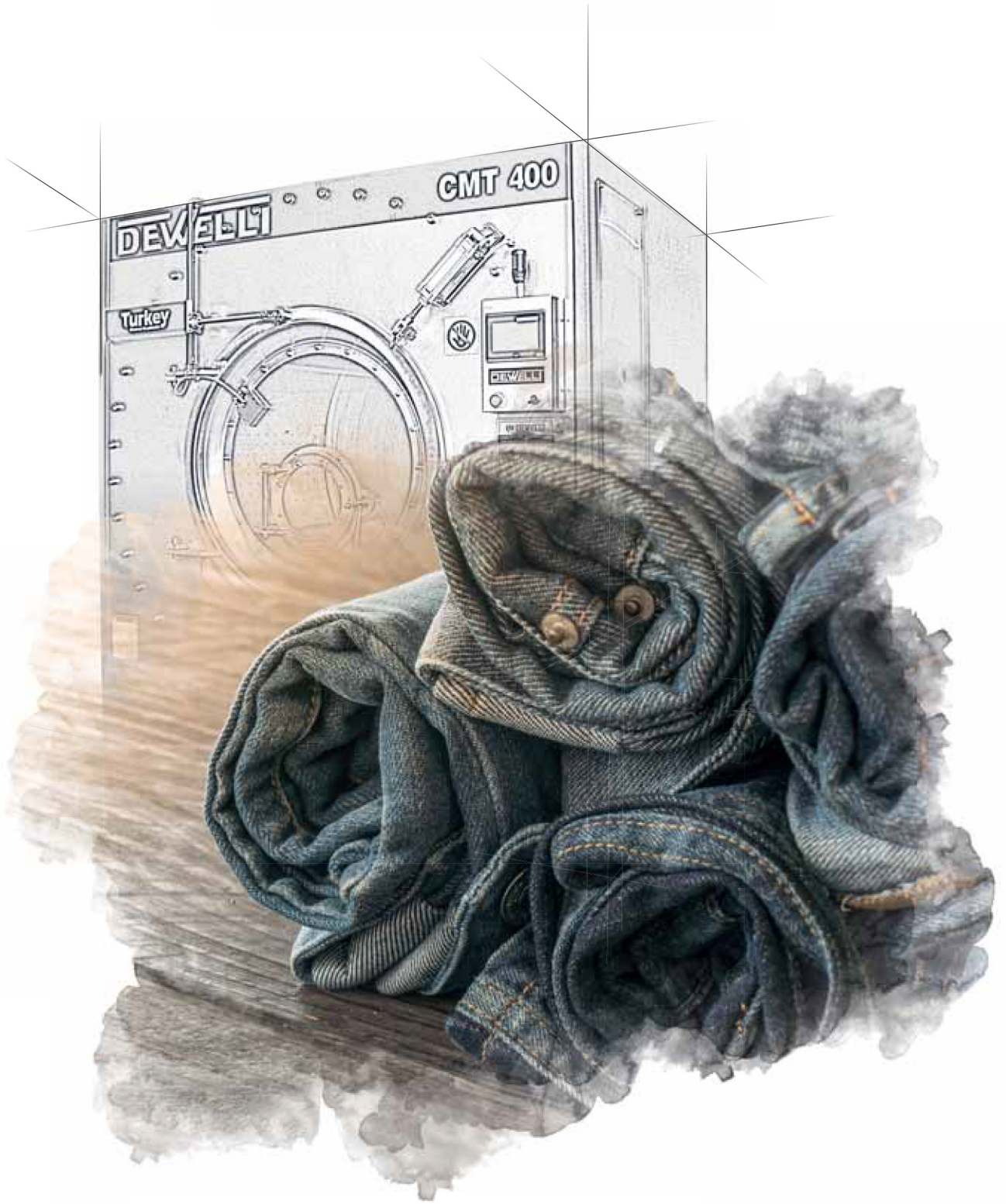


# DEWELLI



[www.cagrimakina.com](http://www.cagrimakina.com)



# Reliability

since 1983

Çağrı Makina Ltd. Şti., was established in 1983 at Istanbul, TURKEY and has well-known reputation all over Turkey and the world in the area of textile washing and stone washing and dyeing machine due increased production capacity day by day, reliability, fast after selling service and carefully working.

Çağrı Makina has been producing textile washing machines, stone washing machines, drying machines, hydro extractors machines, ozone generators and tumblers, part dyeing machines and dry process machines which is using in denim industry under the DEWELLI brandname. Beside this machines production, Çağrı Makina sell textile chemicals and accessories.

Çağrı Makina care about the quality standards and has ISO 9001-2000, CE, HYB and TSE certificates.

**Çağrı Makina set up washing, stone washing and dyeing facilities in the textile factories with own products and give duty to different sectors like schools, hospitals, military facilities and hotels, from project to after selling service.**

Due high-quality level machines which are produced in 3500 sqm closed own factory, fast assembly and after selling service, **Çağrı Makina sell its own machines to 25 different countries in the 5 continents outside the TURKEY.**

# DEWELLI

Meaning of word sustainable: able to continue of variety and sustainability not causing damages to resources and identified to be the constant. Natural resources on our earth are not endless. In this case, the importance of sustainability become a current issue. We, Çağrı Makina as Dewelli Brand care about protecting nature and the future of our earth. Therefore, we produce our products with the consciousness of sustainability.

**We present sustainable machines to the textile field in order to save water, energy and chemical consumption. We are proud to make a contribution to sustainability by producing new generation ecologic, eco-friendly, non-polluting, using less water, less chemical, and less energy washing machines.**



since 1983

# Reliability

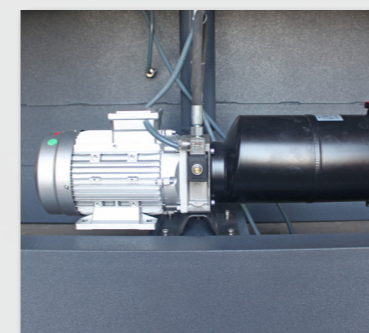
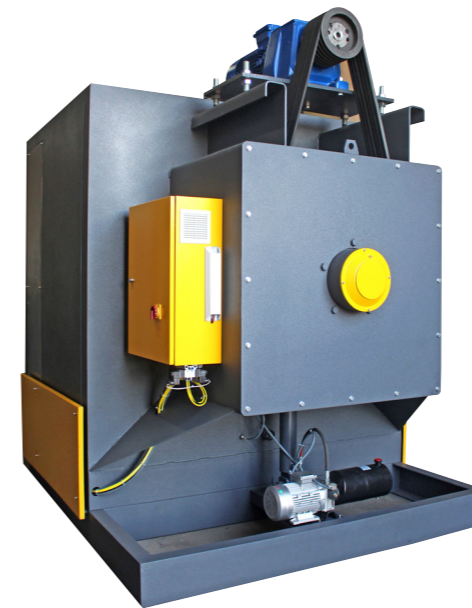
### CMT 400 S TECHNICAL AND GENERAL SPECIFICATIONS



CAPACITY	Stone Washing Enzyme Washing Dyeing	150 kg/bath 200 kg/bath 210 kg/bath
DRUM DIAMETERxDEPTH	1800 x 1500 mm	
STAINLESS STEEL	AISI 304L /316L	
ROTATION SPEED	0-40 RPM (Variable) Inverter	
WATER METER	Electronic Counter	
DOOR DIAMETER	1000 mm	
SAMPLE DOOR DIAMETER	350 mm	
DOOR SYSTEM	Pneumatics Piston	
CONTROL SYSTEM	Touchscreen PLC	
DRIVE SYSTEM	Gearbox	
ENGINE POWER (Gearbox)	11-15 kW	
STEAM ENTRANCE	1"	
WATER ENTRANCE	2"	
DRAINAGE	DN 150 - Butterfly Valve with Actuator	
TILTING SYSTEM	Hydraulic Pistons and Powerpack Tank	
POWER CONSUMPTION/ HOUR	6 kW	
STEAM CONSUMPTION/ HOUR	150 kg	
DIMENSIONS(Width x Lenght x Height)	2300 x 2500 x 2750 mm	
WEIGHT	4500 kg	
OPTIONAL FEATURES	Indirect Serpantine All Construction Stainless Steel	
MANUFACTURED IN	TURKEY	

- 
**Energy Saving System:**  
Through special gear box design, can reach high-efficiency operation with low power electric motor. Low energy, hard working.
- 
**Accurate Sealing Design:**  
Through special sealing design and assembly, using long time without maintenance
- 
**Extra Strong Paint:**  
Special surface painting technology against hard working conditions and chemical-proof
- 
**Ergonomic Sample Door:**  
Easy sample product checking with ergonomic sample door
- 
**Special Door Sealing:**  
EPDM Door sealing provides to sensitive sealing and long lived use
- 
**User-Friendly Control:**  
Easy use control screen with program memory spesification
- 
**Professional Drain System:**  
Dirty water be drained by pneumatic actuator valve for smoothly and long lived use
- 
**Five Beater Drum:**  
Drum produced with special dimensions and beaters angels for reach to requested effect in very short time.
- 
**Hydraulic Tilting System:**  
Using hydraulic cylinder tilting the machine
- 
**Pneumatic Door Locking:**  
With pneumatic cylinders any problems at doors locking
- 
**Propotional Rotation Adjustment:**  
Rotation can adjust to requested speed with inverter system

High quality products inside the electrical distribution board.



## CMB 400 J TECHNICAL AND GENERAL SPECIFICATIONS



CAPACITY	Dyeing 210 kg/bath- Dry
DRUM DIAMETERxDEPTH	1800 x 1500 mm
STAINLESS STEEL	AISI 316 L
DRUM THICKNESS	4 mm
ROTATION SPEED	0-40 RPM (Variable) Inverter
WATER METER	Tribune System
DOOR DIAMETER	1000 mm
SAMPLE DOOR DIAMETER	350 mm
DOOR SYSTEM	Pneumatics Piston
CONTROL SYSTEM	Touchscreen PLC
DRIVE SYSTEM	Gearbox
ENGINE POWER (Gearbox)	15 kW
STEAM ENTRANCE	1"
WATER ENTRANCE	2"
DRAINAGE	DN 150 - Butterfly Valve with Actuator
POWER CONSUMPTION/HOUR	12 kW/hour
DIMENSIONS(Width x Lenght x Height)	2200 x 3000 x 2400 mm
WEIGHT	5500 kg
OPTIONAL FEATURES	More than two dosage pump and tank Enclosure cooling units
MANUFACTURED IN	TURKEY



**Accurate Sealing Design:**  
Through special sealing design and assembly, using long time without maintenance



**Extra Strong Paint:**  
Special surface painting technology against hard working conditions and chemical-proof



**Ergonomic Sample Door:**  
Easy sample product checking with ergonomic sample door



**Special Door Sealing:**  
EPDM Door sealing provides to sensitive sealing and long lived use



**User-Friendly Control:**  
Easy use control screen with program memory specification



**Professional Drain System:**  
Dirty water be drained by pneumatic actuator valve for smoothly and long lived use



**Five Beater Drum:**  
Drum produced with special dimensions and beaters angels for reach to requested effect in very short time.



**Hydraulic Tilting System:**  
Using hydraulic cylinder tilting the machine



**Pneumatic Door Locking:**  
With pneumatic cylinders any problems at doors locking

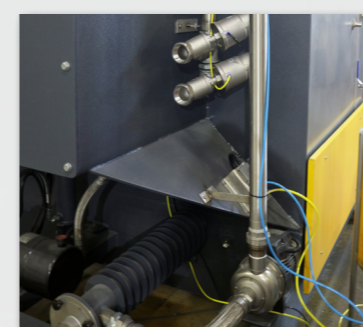


**Propotional Rotation Adjustment:**  
Rotation can adjust to requested speed with inverter system

## CMB 400 J TECHNOLOGY

- Machine heating has a direct and indirect system. Thanks to heat exchanger serpentine to indirect heating.

- Due to the special design of the dyeing system ( pump + filter+ bearings + pipe line) sprays the chemicals on the cover into the drum. It reduces the liquor ratio to 1:2, 1:3.



- Thanks to the **D-Flow System** prepare the chemicals and nebulize them accurate and equal of a glass door with a pump system.

- Due to the D Flow system decreases the water and chemical consumption.

- Chassis is completely galvanized.

- Cold and Hot Water Inlets.

- HMI screen is 15", easy to program.

- There is manual Start, Stop and Pause buttons for unexpected errors on HMI.

## CMK 300 TECHNICAL AND GENERAL SPECIFICATIONS



CAPACITY (Dry Loading)	200 kg/cycle
DRUM DIAMETERS	1800 x 1500 mm
STEAM CONSUMPTION	250 kg/hour
ENGINE POWER	4 kW
FAN ENGINE POWER	5,5 kW
DRIVE SYSTEM	Gearbox
CONTROL SYSTEM	Touchscreen PLC
DRUM STAINLESS STEEL	AISI 304 L
STEAM ENTRANCE	1-1/4"
DIMENSIONS(Width x Length x Height)	2250 x 2700 x 2500mm
WEIGHT	2500 kg
DOOR SYSTEM	Pneumatics Piston
TILTING SYSTEM	Hydraulic System
DOOR DIAMETER	1000 mm
SERPANTINE	Aluminium- Copper Serpantine / Burner
POWER CONSUMPTION/ HOUR	5 Kw
LOADING RATE	1/20
OPTIONAL FEATURES	Left-Right Turn of Drum Cooling Cover which steps in after process Inverter which can adjust the speed and the rotation Automatic Humidity Control 30 Min drying time in Steam Power system with special design serpantine
MANUFACTURED IN	TURKEY



### Professional Drain System:

Dirty water be drained by pneumatic actuator valve for smoothly and long lived use



### Quick Dryer System:

Quick dryer specification due the special design AL - CU serpentine



### Extra Strong Paint:

Special surface painting technology against hard working conditions and chemical-proof



### Clean Nature Gas:

Nature gas dryer system has special design for drying without stain and quick dry



### Hydraulic Tilting System:

Using hydraulic cylinder tilting the machine



## CMK 250 TECHNICAL AND GENERAL SPECIFICATIONS



CAPACITY (Dry Loading)	200 kg/cycle
DRUM DIAMETERS	1800 x 1500 mm
STEAM CONSUMPTION	250 kg/hour
ENGINE POWER	4 kW
FAN ENGINE POWER	5.5 kW
DRIVE SYSTEM	Gearbox
CONTROL SYSTEM	Touchscreen PLC
DRUM STAINLESS STEEL	AISI 304 L
STEAM ENTRANCE	1-1/4"
DIMENSIONS(Width x Length x Height)	2250 x 2700 x 2500mm
WEIGHT	2500 kg
DOOR SYSTEM	Pneumatics Piston
TILTING SYSTEM	Hydraulic System
DOOR DIAMETER	1000 mm
SERPANTINE	Aluminium- Copper Serpantine / Burner
POWER CONSUMPTION/HOUR	5 Kw
LOADING RATE	1/20
OPTIONAL FEATURES	Left-Right Turn of Drum Cooling Cover which steps in after process Inverter which can adjust the speed and the rotation Automatic Humidity Control 30 Min drying time in Steam Power system with special design serpantine
MANUFACTURED IN	TURKEY



**Professional Drain System:**  
Dirty water be drained by pneumatic actuator valve for smoothly and long lived use



**Quick Dryer System:**  
Quick dryer specification due the special design AL - CU serpentine



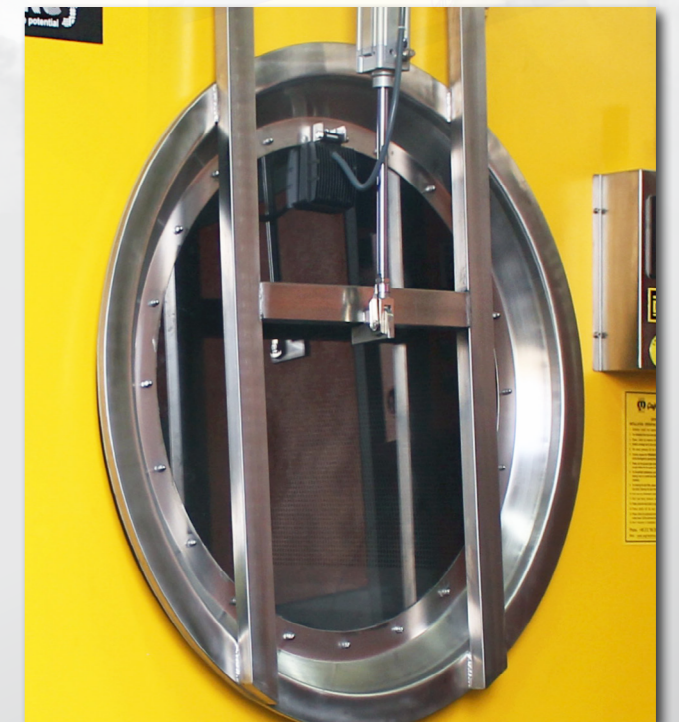
**Extra Strong Paint:**  
Special surface painting technology against hard working conditions and chemical-proof



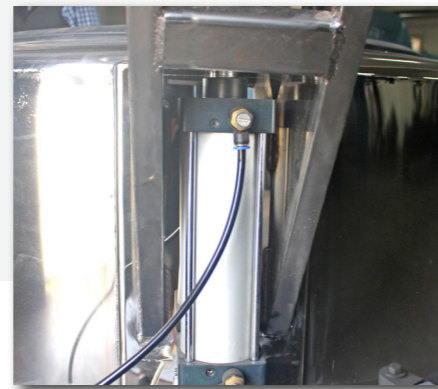
**Clean Nature Gas:**  
Nature gas dryer system has special design for drying without stain and quick dry



**Hydraulic Tilting System:**  
Using hydraulic cylinder tilting the machine



CENTRIFUGAL HYDRO EXTRACTOR



CMS 400 TECHNICAL AND GENERAL SPECIFICATIONS

WET CAPACITY	400 Kg/cycle
DRUM DIAMETERS	1200 x600 mm
ENGINE POWER	18,5 kW
DRUM ROTATION	850 RPM (300 G)
DRIVE SYSTEM	Direct Engine
CLUTCH SYSTEM	Inverter
CONTROL SYSTEM	Keyboard
COVER SYSTEM	Automatic
DRUM STAINLESS STEEL	AISI 304 L
DOOR SYSTEM	Pneumatics Piston
DOOR DIAMETER	1250 mm
CENTRIFUGA TIME	6-8 Min.
DIMENSIONS(Width x Lenght x Height)	1700 x 1400 mm
WEIGHT	3000 Kg
POWER CONSUMPTION/HOUR	4 kW/hour
OPTIONAL FEATURES	AISI 316 L Stainless Steel Drum 3 Compartment Drum
MANUFACTURED IN	TURKEY

SPECIFICATION

- Stainless steel door opens and closes with pneumatic cylinder
- Door position switches
- Soft start up and soft finish due inverter technology
- High quality products inside the electrical distribution board.
- Low noise level due belt pulley system and energy saving advantage
- Direct drive sysem remove the problems due to the belt and pulley.
- Belt and pulley system cause to noisy working, direct drive system advantage is silence working.

CENTRIFUGAL HYDRO EXTRACTOR



CMS 300 B TECHNICAL AND GENERAL SPECIFICATIONS

CAPACITY	300 Kg/cycle
DRUM DIAMETERS	1200 x 550mm
ENGINE POWER	18,5 kW
DRUM ROTATION	850 RPM (300 G)
DRIVE SYSTEM	Direct Engine
CLUTCH SYSTEM	Inverter
CONTROL SYSTEM	Keyboard
COVER SYSTEM	Automatic
DRUM STAINLESS STEEL	AISI 304 L
DOOR SYSTEM	Pneumatics Piston
DOOR DIAMETER	1250 mm
CENTRIFUGA TIME	6-8 Min.
DIMENSIONS(Width x Lenght x Height)	2000 x 2000 x 1000 mm
WEIGHT	3500 Kg
POWER CONSUMPTION/ HOUR	7,5 kW/hour
OPTIONAL FEATURES	AISI 316 L Stainless Steel Drum 3 Compartment Drum
MANUFACTURED IN	TURKEY

SPECIFICATION

- Stainless steel door opens and closes with pneumatic cylinder
- Door position switches
- Soft start up and soft finish due inverter technology
- High quality products inside the electrical distribution board.
- Low noise level due belt pulley system and energy saving advantage
- Direct drive sysem remove the problems due to the belt and pulley.
- Belt and pulley system cause to noisy working, direct drive system advantage is silence working.

OZONE GENERATOR



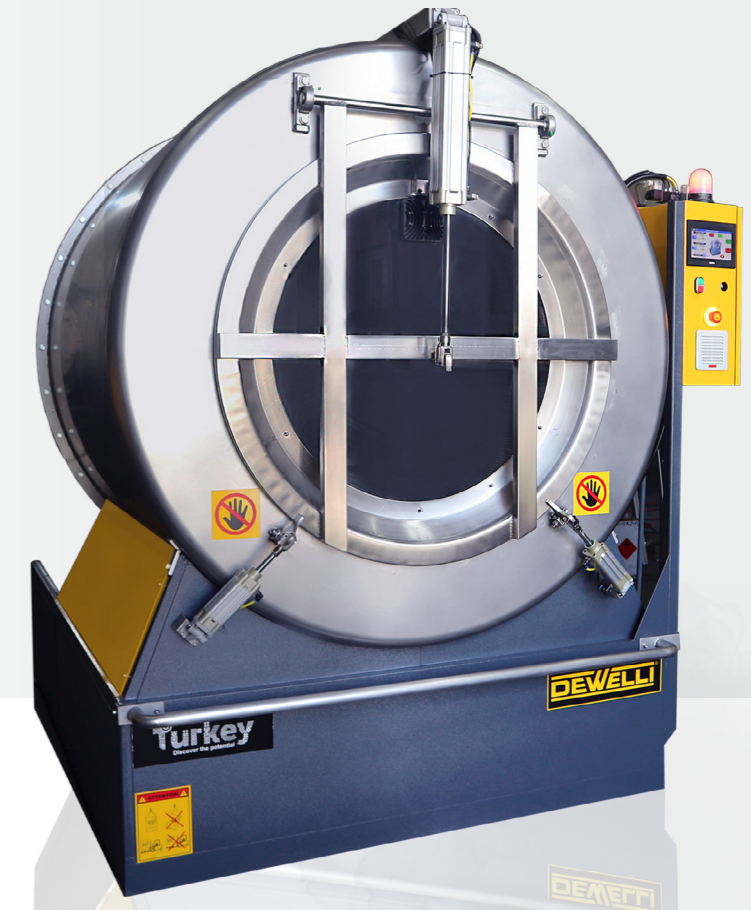
OZONE GENERATOR

DOG 3000 OZONE GENERATOR TECHNICAL AND GENERAL SPECIFICATIONS

MODEL	DOG 3000
INPUT VOLTAGE	380 VOLT / 50-60 Hz
OUTPUT FREQUENCY	8 KHz
ELECTRIC CONSUMPTION	1200 WATT
FEED OXYGEN	120 LT
CAPACITY	3000 gr
COOLING SYSTEM	WATER
OXYGEN PURITY	%95
MANUFACTURED IN	TURKEY

- Our DEWELLI ozone generator has been created for denim bleaching. For Back Stain Cleaning, Color&Tone Adjustment, Bleaching & Fashion Applications.
- Take oxygen as gas source from the oxygen concentrator, and driven by high- frequency & voltage power module and take ozone plate with air- cooling as ozone generating fitting.
- Antibacterial
- Creates same effect as bleaching process
- Easy to assembly. Safety to use
- Minimum electric usage
- Control by touch screen

OZONE TUMBLER



OZONE TUMBLER

DOT 250 TECHNICAL AND GENERAL SPECIFICATIONS

CAPACITY	250 kg/hour
DIAMETER	1500 mm
DEPTH	1250 mm
COVER DIAMETER	1000 mm
COVER SYSTEM	Pneumatics Piston
ENGINE	2,2 kW
DIMENSIONS (Width x Lenght x Height)	1600*2400*2250 mm
INVERTER	2,2 kW
DRUM STAINLESS STEEL	AISI 316 L
DRAINAGE	DN 150
WEIGHT	1000 kg
MANUFACTURED IN	TURKEY

SPECIFICATION

- Reduces washing cycles, rinsing cycles, chemical usage and energy consumption
- Use as disinfectant
- Reduces the damage to the fibers
- Better working environment
- Creates same effect as bleaching process
- Suitable to be used with all capacity Ozone Generators





**BOLIVIA**  
COLOMBIA  
AZERBAIJAN  
ROMANIA  
BANGLADESH  
IRAN

