



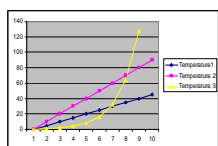
Model

## COSMOTEX dyeing SPD

because quality matters

COSMODYE

ECOLOGIC



TEMPERATURE CURVES

QR CODE

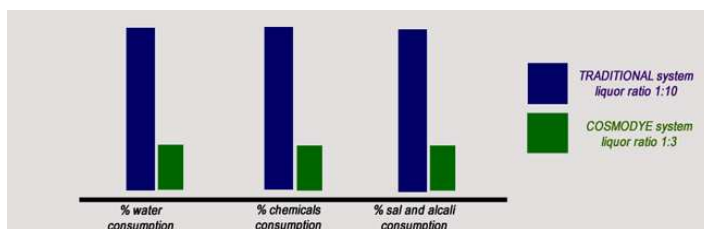


The Cosmotex dyeing machines are equipped with microprocessor Telemecanique, and digital colour touch screen control panel. Cosmotex software works to optimise the machine's functions and permits all operations controlling as automatic control of the bath, time of cycle, temperature, inversion time, rotation speed and enables the programming of larger number of automatic recipes. Ethernet network connections are possible to control from main computer in the office.

The Cosmotex automatic garment dyeing machines can be equipped with the COSMODY SYSTEM, temperature curves, cooling system, colour kitchen manual or automatically controlled by PLC and fixed or removable compartments

**COSMODYE system** developed by COSMOTEX engineers is a result of continuous research and large experience. With COSMODYE system you can achieve a drastically consume reduction in water, sal / alkali and chemicals in the dyeing process. Consequently, the range of dyes COSMOTEX COSMODYE equipped, reduces the liquor ratio for dyeing process from 1:3 to 1:5, comparing with traditional system liquor ratio 1:10 to 1:15. With COSMODYE you achieve important savings with better garment finishing quality, respecting the environment.

Drastically reduces the liquor ratio, save water and chemicals



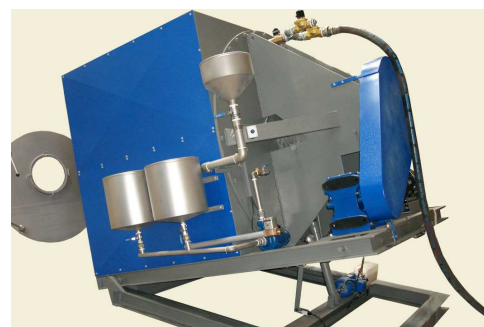
## Technical Features

MODEL	SPD10	SPD35	SPD60	SPD150	SPD400	SPD550	SPD800
Capacity (kg.)	10	36	68	160	356	534	814
Drum Volume (Liters)	100	355	680	1604	3560	5340	8140
Drum STAINLESS STEEL	included	included	included	included	included	included	included
Case STAINLESS STEEL	included	included	included	included	included	included	included
Front face STAINLESS STEEL	included	included	included	included	included	included	included
Drum diameter	532	850	1200	1490	1800	2000	2400
Drum depth	465	625	600	920	1400	1700	1800
Door diameter	310	585	610	730	1000	1000	1250
Speed (rpm)	0-45	0-45	0-45	0-40	0-40	0-35	0-35
Inverter	included	included	included	included	included	included	included
Inverting drum	included	included	included	included	included	included	included
Motor power (HP-KW)	1-0,75	2-1,5	3-2,2	7,5 -5,5	15 -11	20 -15	30 -22
Litre counter	included	included	included	included	included	included	included
Direct steaming system	included	included	included	included	included	included	included
Indirect steaming	optional	optional	optional	optional	optional	optional	optional
Temperature control	included	included	included	included	included	included	included
PT-100 temperature sensor	included	included	included	included	included	included	included
Time control	included	included	included	included	included	included	included
Adjustable inverting time	included	included	included	included	included	included	included
Software, PLC , Digital touc screen	optional	optional	optional	optional	optional	optional	optional
Hydraulic automatic unloading	--	--	--	--	included	included	included
Hydraulic power system (HP-KW)	--	--	--	--	1,4 -1,8	1,4 -1,8	1,4 -1,8
Separate control panel	--	--	--	included	included	included	included
Peephole for taking samples	included	included	included	included	included	included	included
Chemical tank	included	included	included	included	included	included	included
Automatic chemical dispenser	optional	optional	optional	optional	optional	optional	optional
Compartments	--	--	optional	optional	optional	optional	optional
Cold and hot water mixture	optional	optional	optional	optional	optional	optional	optional
Temperature gradient for dyeing	optional	optional	optional	optional	optional	optional	optional
Width-Depth-Height(mts)	1,25 x 0,9 1,0 (h)	1,5 x 1,3 1,4 (h)	2,1 x 1,7 2,0 (h)	2,4 x 2,1 2,3 (h)	2,5 x 2,8 2,3 (h)	2,9 x 3,4 2,85 (h)	3,3 x 3,5 3,25 (h)

Technical features can be changed without previous notice



SP- 800 the biggest dry loading capacity for dyeing on the market



Automatic hydraulic unloading system.



Compartment for dyeing



New automatic chemical dosing system, no need pumps and avoids chemicals mixing with dyes, due to every tank has his own dispensing canal.



Sampler machines for dyeing. Capacities 10kg and 35 kg



Back view of the machine.  
Engine power located in accessible place near the floor, for easy maintenance



Automatic programmable dispenser by pumps and PLC interface