



FILM COATING SERIES

High Speed

Large Batch

No Aluminum Sputtering

Online Coating Thickness Detecting System

**Machine Feature:**

The substrate realizes automatic winding. A layer or layer of film can be continuously plated on a PET roll material with a width of 1100MM. It can be metal film, medium film or combination of these two types of films. Optical applications include anti-reflection film, color film, anti-counterfeiting film on documents or products, color film, etc.

- “Free span” and “drum touch” metalizing system ensure no light line, no wrinkle, no aluminum sputtering, no films slippery.
- Main drum and sub drum, two stages cooling system, ensure better cooling effect and no deformation.
- Four SIEMENS motor matched with four SIEMENS inverters for winding system, which maximum ensure tension steady, even if power off, could second time metalizing.
- Control system:
 - Integrated control system, HMI, PLC control, PROFINET module system.
 - Higher precision digital power adjustor.
 - PLC control wire feeding system, more stable, more precise, better uniformity.
 - Online coating thickness detecting system, ensure coating quality.
- Vacuum system:
 - Adopt international famous brand vacuum pump such as Germany Leybold or Chinese best brand pump. Make sure vacuum faster, less power consumption (All pumps and polycold could be European brand as per customer requirement).
 - Equips two Polycold separately for winding and evaporating chamber, suitable for any environment.

MACHINE CONFIGURATION:

Max width size	1350mm	1750mm	2100mm	2500mm	3000mm
Max rolling diameter	800mm		1000mm		
Evaporation boats	16 pieces	20 pieces	24 pieces	30pieces	35pieces
Evaporation pressure	8×10 ⁻² pa(8×10 ⁻⁴ mbar)				
Water consumption	20m ³ /h	25m ³ /h	35m ³ /h	40m ³ /h	45m ³ /h
Average power consumption	180KW	260KW	280KW	300KW	330KW
Metallized material	PET:10-50; CPP: 20-60; BOPP: 15-60;(μm)				
Max winding speed	800m/min		1000m/min		
Monthly output	250T	400T	550T	650T	750T
Control mode	Manual/Semi-automatic/Automatic, PLC touch screen				
Remark	The dimension of the vacuum chamber can be customized				



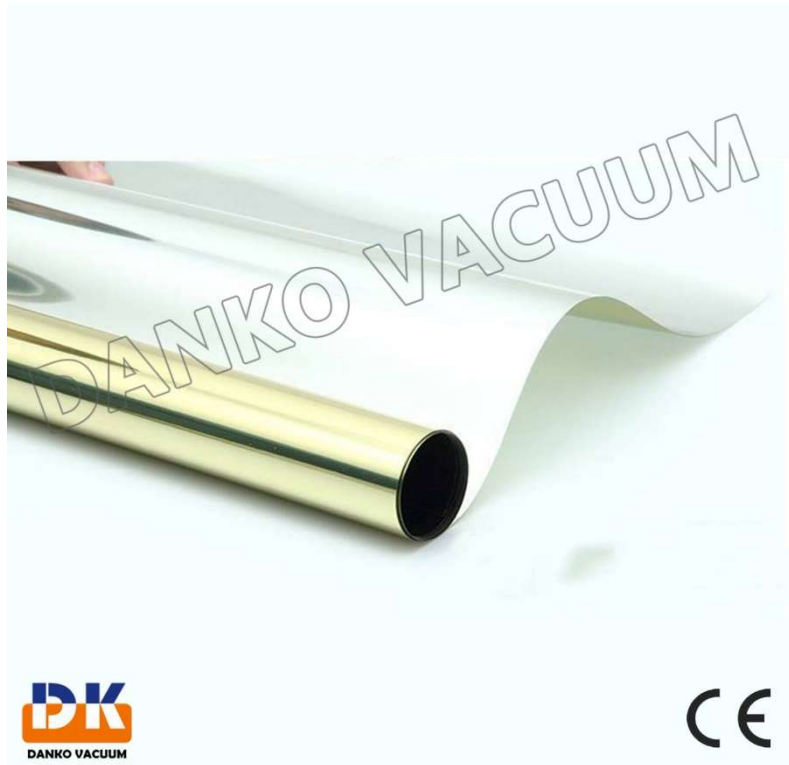
APPLICATION:

For metallizing BOPP, PET, PVC, PE, CPP and other vacuum aluminum, metallized paper, aluminum and other thin films for tobacco package paper, food packaging, pharmaceutical packaging, label printing, daily necessities, gift packaging, Christmas pull flower printing and other fields, such as:

- PET twist
- VMPET aluminum twist
- VMCPP aluminized
- PET film
- VMPET matt aluminum film
- PET special film
- PET pipe aluminized
- PVC film aluminized

PRODUCTS IMAGES:







AFTER-SALES SERVICE & SUPPORTING:

Danko Vacuum Systems and our global service partners can provide onsite installation, repair service, preventative maintenance, applications and service training. We are available to provide support for your system 24/7.

Free warranty for full equipment for 12 months.

Long term providing the target, vacuum materials and accessories at reduced prices.

Providing vacuum coating machine operation and training of personnel at site.