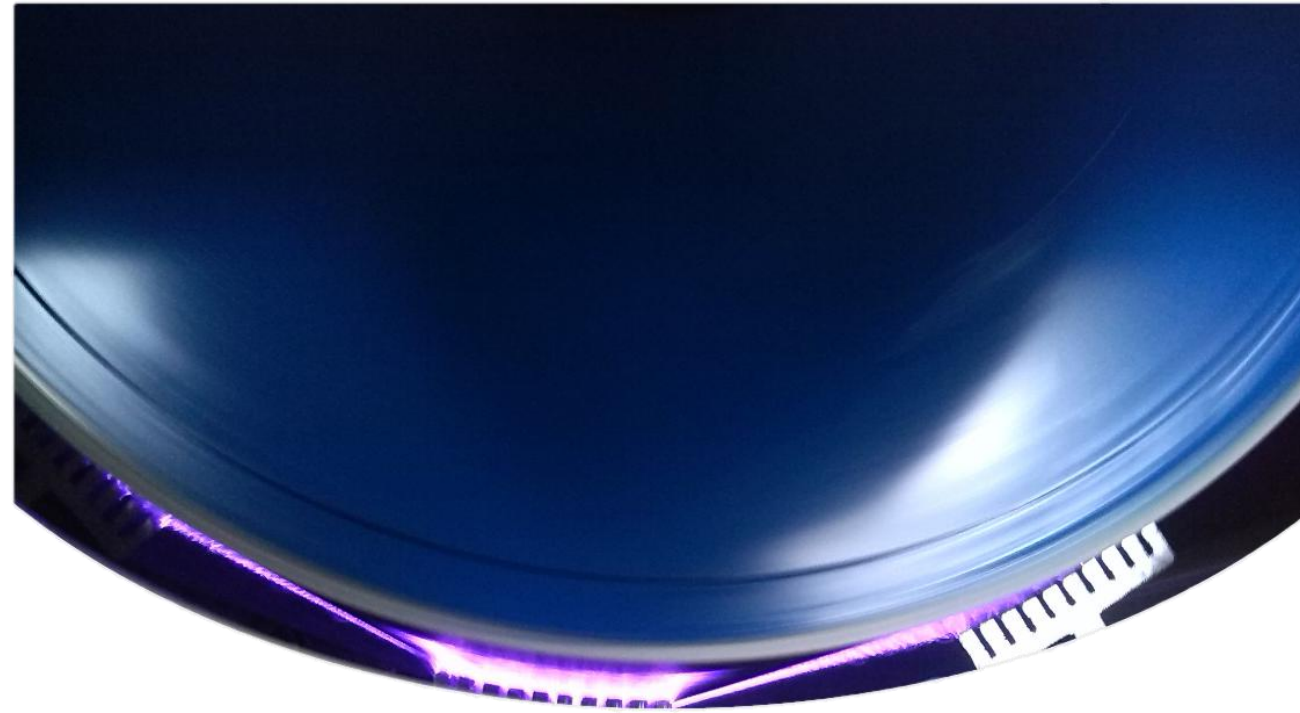




HOCA Corona Treater



Specialist in corona treatment

(Converting-Printing-Lamination-Coating)

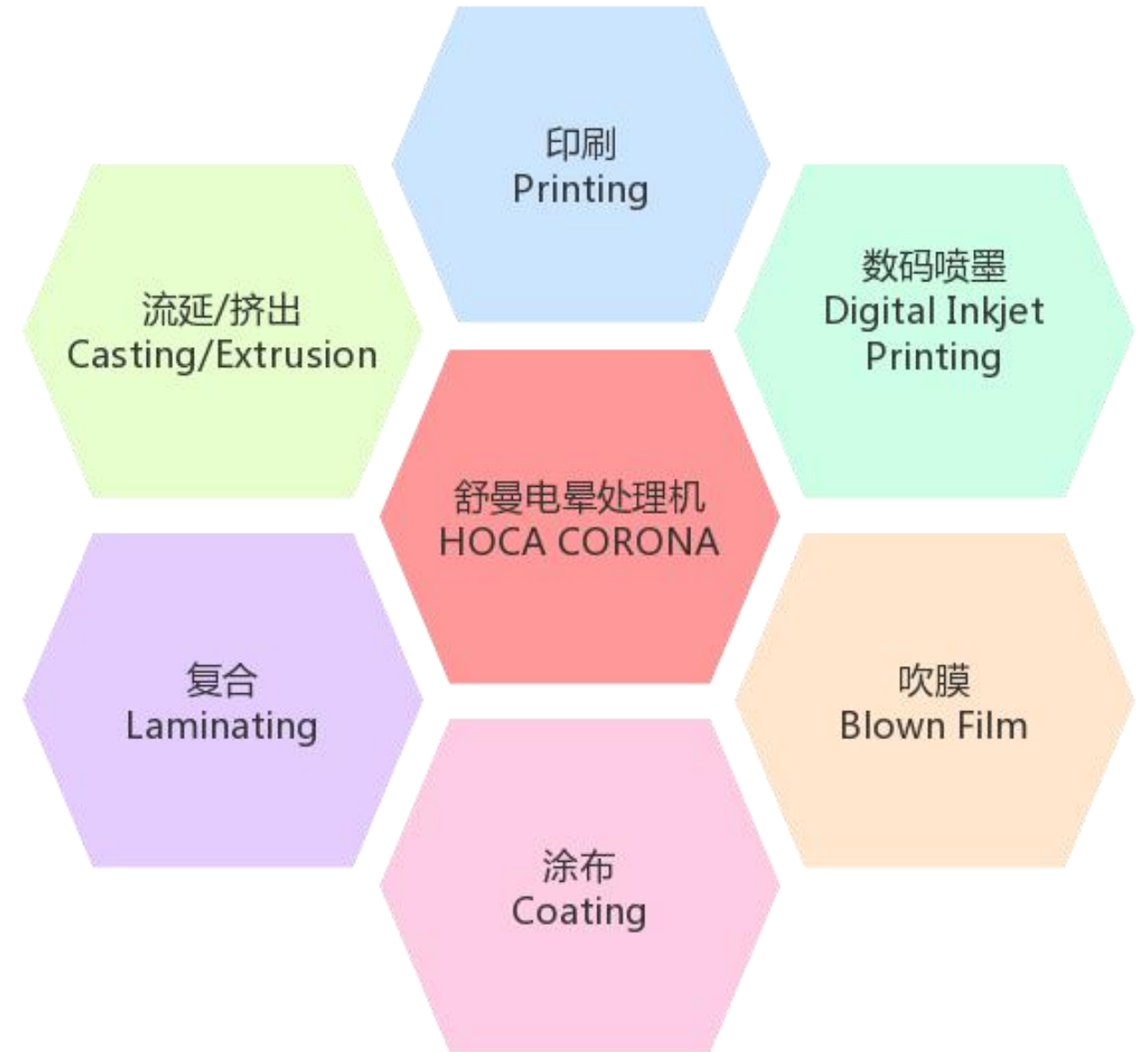
Corporate Culture



Hoca Packaging and Printing Machinery company was established in 1980's. We are focus on the surface treatment of film manufacturing and printing industry.

We design and manufacture the CORONA TREATER for over 30 years.

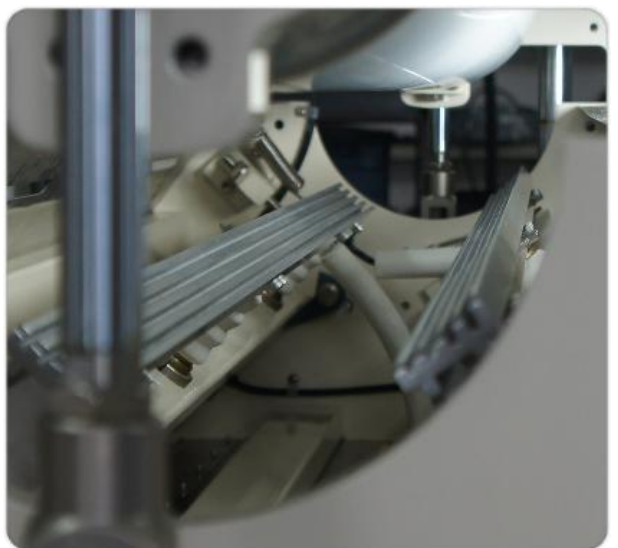
HOCA can provide not only the machines, but also solution as well by our know-how and experience.



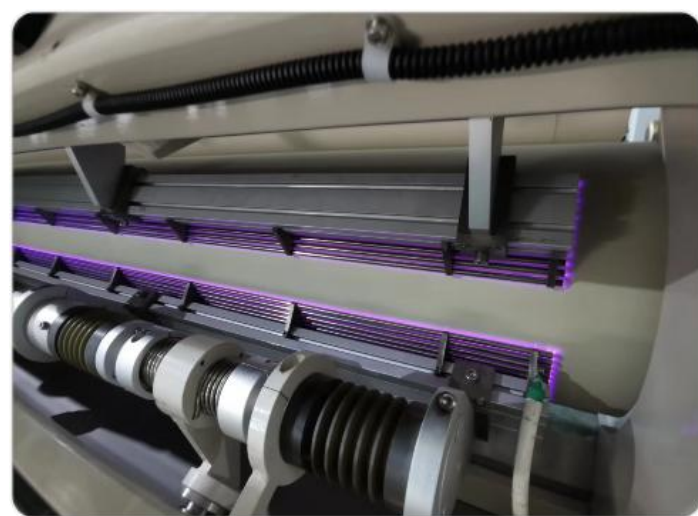
Market/Application

Wide Web metal Electrodes

Treat Width: 2000-9000mm



Aluminium Fin Electrode



Stainless Steel Tube Electrode

Application :	
◆	BOPP、BOPET、BOPA、BOPS Lines
◆	CPP、CPE extrusion lines
◆	Non-woven extrusion coating lines , PVC Casting Lines
◆	PVF、PVDF、PE、MOPE...Lines

特点 Features :

- Aluminium Fin or Stainless Steel Tube electrodes
- Hood / Box type Design , Stainless covers
- Robust Aluminium or Steel Side Frame
- Strong+Rotate electrode Bridge, ease for web threading
- Pneumatic opening, ease in threading
- Static & Dynamically balanced high precision Base Roll
- Nip & Spreader Roll, Driven & Water Cooled Base Roll
- Descent Extraction to minimize ozone pollution , meet environmental and Health Ordinance
- Full Safety Interlocks(Electrode bridge open, extraction, door open,)

Medium Web(Ceramic, Metal, SS Tube Electrode)

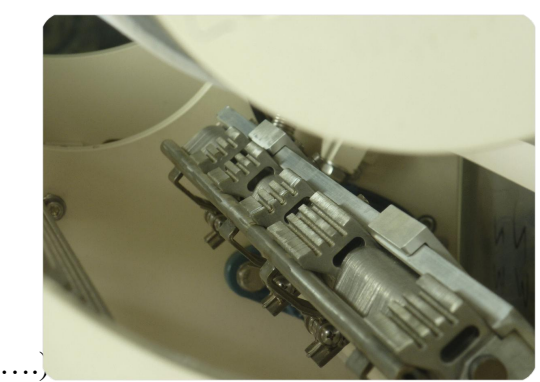
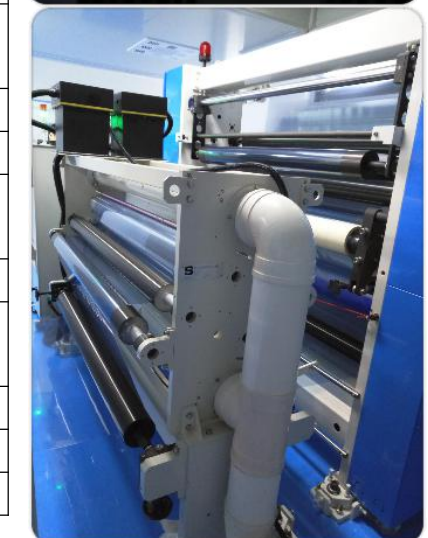
Treat Width: 800-3500mm

Press, Coating Lines, Extrusion laminating lines, Dry Laminators, Solventless Laminators, Slitter Rewinders, Film and Sheets Extrusion Lines,

Application :	
◆	All conductive and Non-conductive web, paper, film and laminates
◆	PE,Paper Extrusion Laminating lines
◆	PET/LDPE; LDPE/BOPP/LDPE; EVA/PET/LDPE
◆	Film and foil Coating, Printing and Laminating Lines
◆	Blown LDPE、PP、HDPE、PA/AD/EVOH/ADE、PE、PA、PE etc
◆	CPP、CPE、Cast Film Lines
◆	Sanitary Films,Breathable Films, Twist Wrap films
◆	Sheet and Plate Extrusion Lines
◆	Slitter and Rewinder off-line corona treatment
◆	Ink-jet Printing Lines Corona Treatment
◆	Medium Bi-axial Lines : PI, PA, PS,
◆	Multi-layer Co-extrusion Lines PP/ AD/EVOH/AD/LDPE

Features :

- Even and fine treatment with Ceramic Corona
- High And Fine Treatment with Metal Fin Electrode
- SS Segmented Electrode with voluntary width adjustment
- SS316 Tube Electrode with very even treatment
- Hood or Box design, pneumatic opening, ease threading
- Parallel opening / closing not affecting web run
- High precision balanced corona treater roll
- Nip & Spreader Roll, Driven & Water Cooled Base Roll
- Full Safety Interlocks(Electrode bridge open, extraction, door open,)



Ceramic Electrodes

Treat Width: 600-3000mm

Features :
Square ceramic tubes with even treatment
Assembly type to ensure gap even-ness and tube cooling
Pneumatic rotate bridge,robust and ease threading
High Precision balanced base roll
Base Roll can use ceramic, anti-rust or conductive covering
Nip, Spreader or driven water-cooled Base Roll
Full Safety Interlock (Exhaust, door, bridge...etc)

Applications :
All type of materials
Foil : Al, Copper, Alloy
VMPET, VMCPP, VM-paper
BOPP, PET, CPP, PE, PS, PC, PVF, PVDF, PI ...
Paper, Laminates
Inkjet lines
Various Coating Lines , converting Lines

Installations :



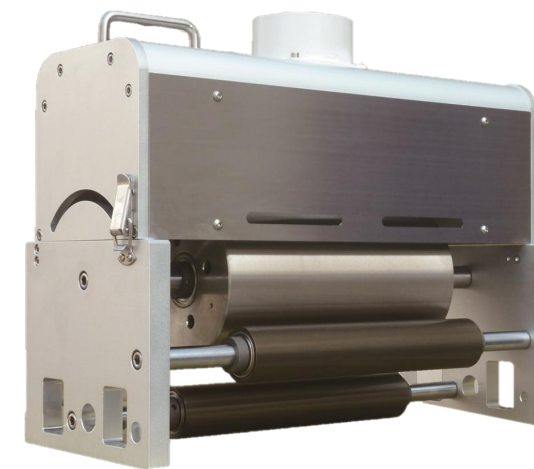
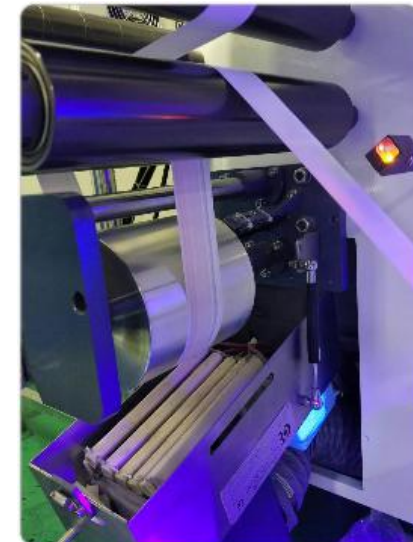
Narrow Web

Treat Width: 100-600mm

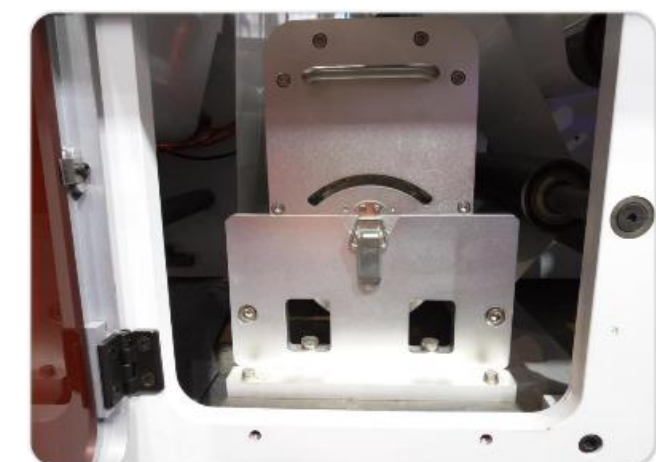
Professional in label printing industry

Features :
Square electrodes with even and fine treatment
Box design, ensure gap evenness and cooling
Hinged Covers : ease threading and cleaning
External HT connection , avoid corrosion
Various roll covers to suit different applications
High Precision balanced treater roll
Stopper roll and timing control for semi-auto press
Full Safety Interlock (Exhaust, door ...etc)

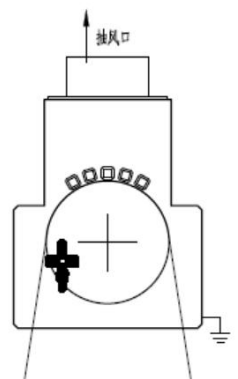
Installations :



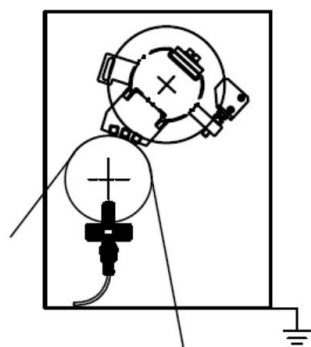
Applications :
All type of materials
Foil Lmainates
Metalized lamiantes
gsm Label stock
Paper rolls
Foil : Al, Copper, Alloy
Applied on Flexo press, Intermittent rotary press, Rotary offset, CI press, Digital printing, Screen printing.....etc.
Foil / PP conduits and tube lines



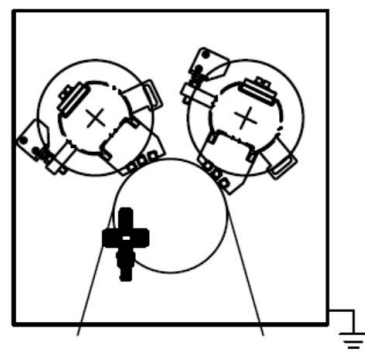
Corona Station Structural Layout



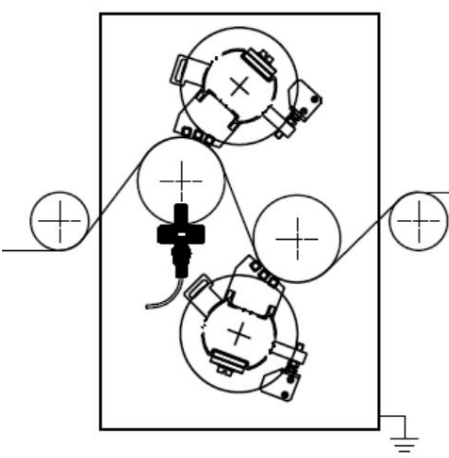
Narrow web ceramic



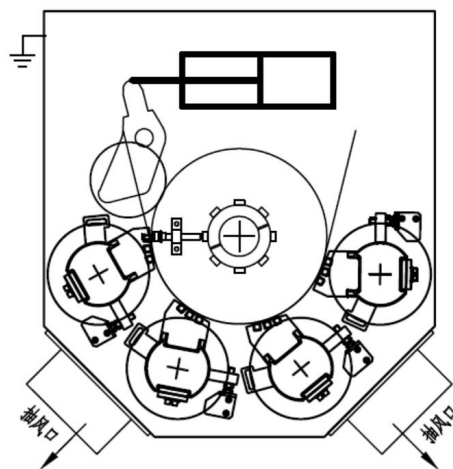
Single head ceramic



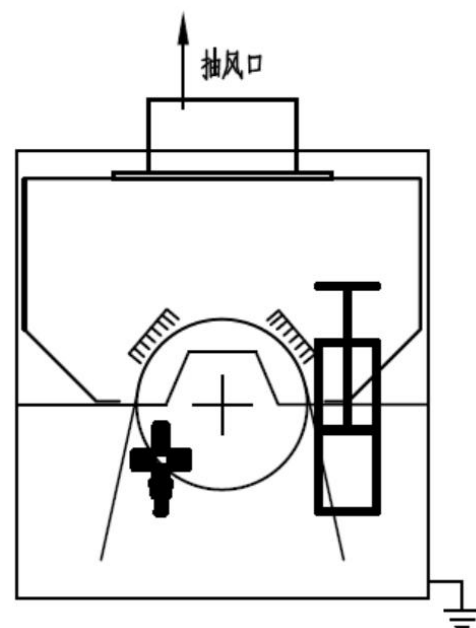
Double head ceramic



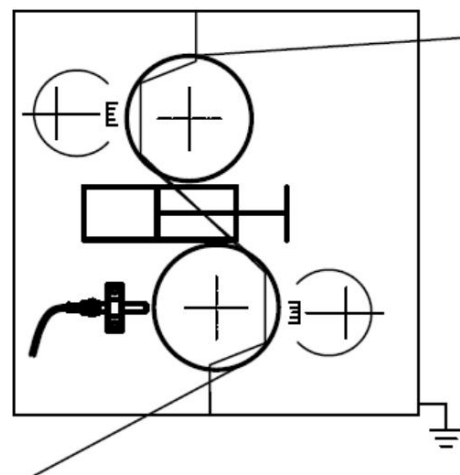
Double sided ceramic



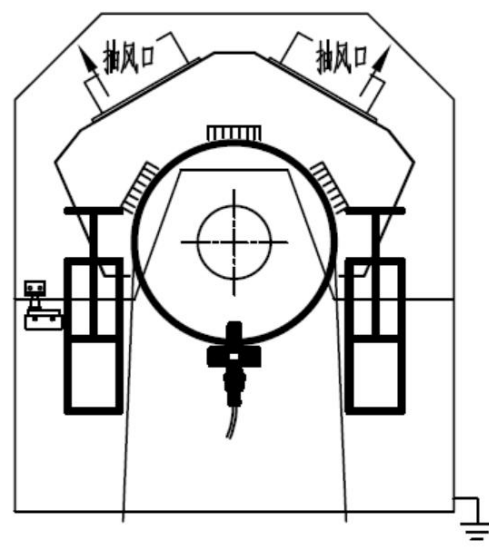
4-head electrodes



Double metal electrodes



Double sided metal



3-head metal electrodes

HX Series Digital Corona Generators



Features :

IGBT Inverter
25 – 35 KHz operating frequency
Input EMC Filters
High Efficiency, low loss
Touch Screen interface status display
Oil filled HT Transformers
Full interlocks: overtemp, trip, status, speed reaching
Compact design, EX- panel (option)

Specification :

Input Power : 220V 1-ph, 380V 3-ph 50/60Hz
Power : 1- 5 KW
Dimension :480X400X270(H)mm
Weight : 30 Kg
Screen : 5-inch panel , Language Chinese and English

Corona Sleeve



Details :

◆ High Quality silicone rubber
◆ Length: 300–4000 mm
◆ Specification: 40、50、60、70、80、90、100、110、120、150、160、180、200.....
◆ Chalked to aid sleeving
◆ Other diameter On request