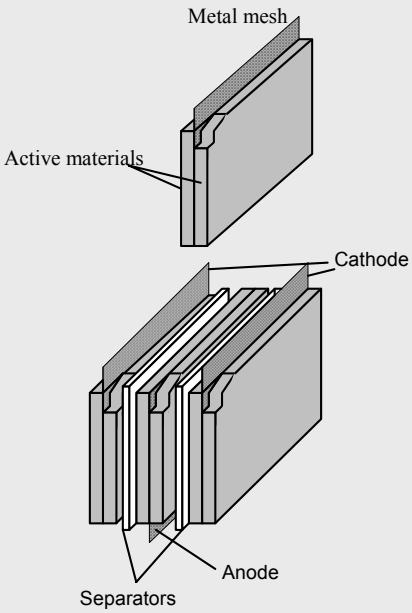
ARCOTRONICS GROUP

ARCOTRONICS TECHNOLOGIES

BLE682A

Battery Lamination Machine for Electrodes, Cells, and Bicells

Standard lamination



MAIN FEATURES

The BLE682 lamination unit is designed to perform continuous or alternate lamination of the following materials:

1. *Electrode lamination*

   Lamination of a copper (anode) or aluminum (cathode) mesh between two webs of composite metallic oxide and plastic matrix materials.

2. *Cell / bicell lamination*

   Lamination of an anode and cathode electrodes intercalated with two plastic separator webs.

The BLE682 has a higher productivity and lamination quality with respect to a plate lamination, because of the continuous material heating system combined with roll lamination.

GENERAL INFORMATION

Laminated materials

Current collectors	Copper or Aluminum expanded metals or foils
Active material	Composite polymeric material (PVdF , PE, others)
Separators	Composite polymeric material (PVdF , PE, others)

Laminated dimensions:

Width	max. 250 mm
Thickness	max. 1.5 mm

OPTIONAL

Cooling sliding blocks (adjustable cooling plates) located at the lamination out- feed. (chiller not included.)