AUTOMATIC DRIP TRAYS

The automatically actuated drip trays catch any filtrate that escapes from between the filter plates during the dewatering process or when power washing the plates and cloths. The trays are held in the horizontal sloped position during dewatering or cloth washing and rotated to the vertical position for cake discharge. Actuation of the trays is either by air or hydraulic cylinders. The trays slope toward the centerline of the press where a single trough directs the flow toward a catch basin located beneath the press hydraulic cylinder. The catch basin includes a bottom discharge pipe connection that may be piped for recycle to the waste treatment process or to drain depending on the project requirements.