

FIG.9

post cutting system. Here the coild strip is pulled by the rollforming mill with an uniform speed.

The feeding device is uncoiler with a driven flattener. The loop ahead of the press controls the speed of the strip feeder. The loop after the press governs the press if the mill speed is less. At higher speeds, the loop controls the speed of the rollforming machine.

**Louivering**

In louivering slots are made in the material in such a way that one edge of the slit is slightly lifted. Normally this process is used to create ventilation. This could also be used as locating stops in the required product. See Fig. 6 & 7.

**Lancing**

In lancing, slots are made in the material in such a way that three sides of the slots are lifted up. Normally this process is used to create projection for attaching other materials to the product such as wire etc.

**Combining of Different Materials**

Another interesting and important aspect of of roll forming is that two or more different materials may be fed into the machine at the same time and combined into a single product. Fig. 8 shows a T section formed from G.I. material and capped with prepainted aluminium/stainless steel.

Another area is the production of automobile weather strips which will make the car windows, doors windshield airtight and watertight. These are produced by co-extruding rubber/polymer as the

rollformed section comes out of the mill.

**Bending**

Many products such as washing machine, cup boards, doors, shelving or refrigerator panels require bending across the direction of roll forming. The bends made in the secondary operations mostly are perpendicular to the longitudinal bends made by roll forming. From the above explanations one could very well visualize the vast variety of areas touched by the rollforming technology and its continuous growth in the years to come in India. Sedvik Industries, Bangalore has been in the field of manufacture of rollforming machines since 1986.

The author Mr. A S Shetty can be contacted: 080-25452669 or Email: sedvik@vsnl.com



**Vibro Screens**

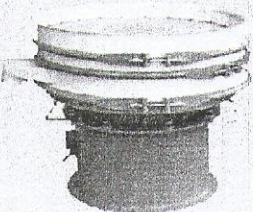
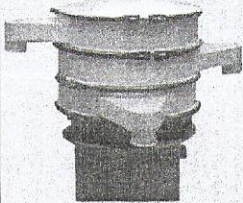
*Designed To Perform*

**What VibroScreen can do...**

Oversize Removal, Removal of Foreign Material/ Lumps, Sifting, Grading or Classification, Dust Removal, Filtration of Slurry/ Syrup/ Oils, Recovery of Fiber/ Husk from Wash Water, Removal of Grit (Un-Ground Material) from Fine Powder or Slurry

**Which Industries use VibroScreens**

Abrasive, Agro Product Processing, Bakery, Brewery, Cattle Feed, Casting, Cosmetics, Chemicals, Coffee & Chickory, Dry Fruits, Electrode, Food, Flour, Foundry, Fisheries, Gelatin, Juice, Latex, L.DPE, Mineral, Medicine, Nuts, Oils & Oil Seeds, Plastic, PVC, Paper & Pulp, Pesticides, Paints, Powder Coating, Pharma, Resin, Reprocessed Granules, Rotomoulding, Rubber Refractory, Spices, Starch, Sugar, Sand, Salt, Seed, Steel Shots, Shot Blasting/ Peening, Talcum Powder, Wood Dust, Waste Water



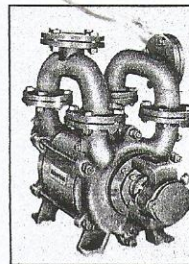
**eta Eta Engineering Services**

412(IBM), Akash Rath, Near Pariseema, C G Road, AHMEDABAD - 380 006  
Tel: +91-79-2656 4613, 2656 6149 Tel/Fax: +91-79-2656 6149, 2656 4613

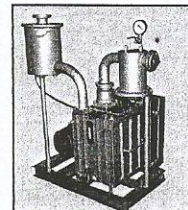
Email: etaengineering@vsnl.net Website: www.vibroscreen.com

**ACMEVAC VACUUM PUMPS**

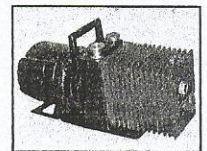
*Backed by 40 years experience in Vacuum Technology*



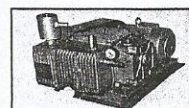
Liquid Ring Vacuum Pumps



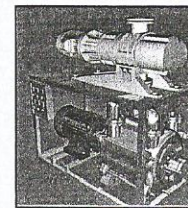
High Vacuum Pumps



Direct Drive High Vacuum Pumps



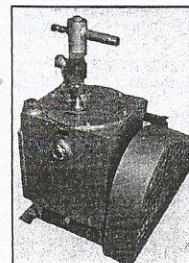
Rotary Vacuum Pumps



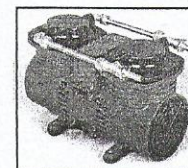
High Vacuum Systems



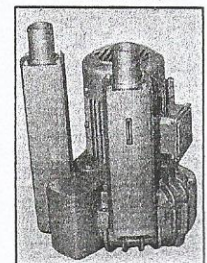
Monobloc Vacuum Pumps



High Vacuum Pumps



Oil-Free Vacuum Pumps



Turbine Blowers

**ACMEVAC SALES PVT. LTD.**

109, Unique House, Cardinal Gracious Road, Chakala, Andheri (East), Mumbai - 400 099. INDIA. Tel.: 91-22-2838 1053 / 2837 5837

Fax : 91-22-2836 4977 E-mail : acmevac@vsnl.com

Website : www.acmevac.com