

FIG.9

post cutting system. Here the cold 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.

Louvering

In louvering 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 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.

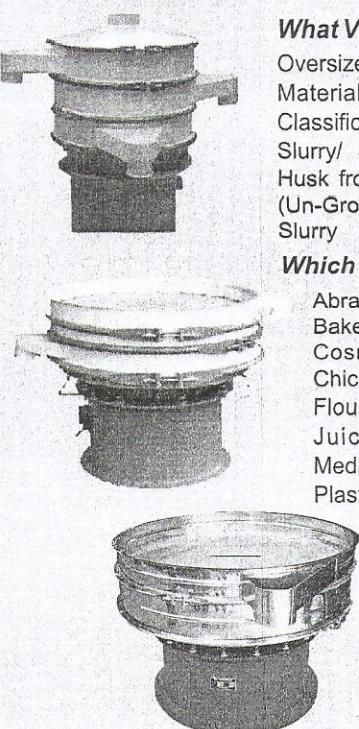
Another area is the production of automobile weather strips which will make the car windows, doors, windshield airtight and watertight. These are produced by co-extruding rubber/polymer as the

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.

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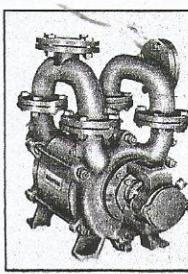
Oversize Removal, Removal of Foreign Material/ Lumps, Sifting, Grading or Classification, Dust Removal, Filtration of Slurry/ Syrup/ Oils, Recovery of Fiber/ Husk from Wash Water, Removal of Grit (Un-Ground Material) from Fine Powder or Slurry

Which Industries use VibroScreens

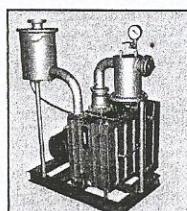
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ACMEVAC VACUUM PUMPS

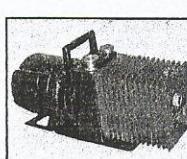
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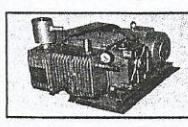
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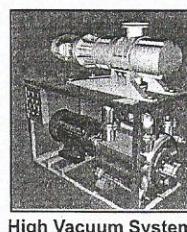
High Vacuum Pumps



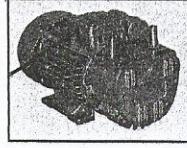
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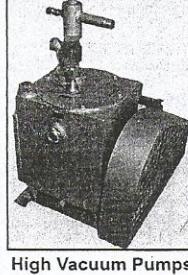
Rotary Vacuum Pumps



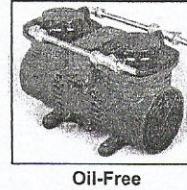
High Vacuum Systems



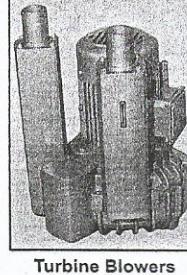
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High Vacuum Pumps



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