

particles. The shot peening intensity is measured on an Almen strip which is mounted on an Almen block and attached to the rack piston. The entire cabinet of the machine is lined with replaceable long-life manganese steel tiles. A separate desk-type control panel is provided which houses electrical controls. An effective dust collector is also provided which ventilates the work cabinet and removes dust particles and broken shots from the system. For more information, please contact by email: sfec@sify.com or visit www.surfacefinishing.org

Surface Finishing Equipment Co.

Shot Peening Machine for Automotive Industry

India. Surface Finishing Equipment Co. has introduced a shot peening machine for rack pistons (a critical automobile component). The rack pistons are shot peened to increase their fatigue strength. The machine houses a powerful and compact centrifugal blast wheel which is strategically positioned on one of the lateral walls of the cabinet. The rack pistons are loaded on a turn-table powered by a gear motor. The door is closed and operation of the machine is started. The rack pistons are shot peened in preset time. The machine is stopped and components are taken out. The machine has an effective shot circulation and cleaning system which continuously removed broken shots and fine