

PISTON RING LASER MARKING SYSTEM



Sahajanand Laser Technology offers completely automated laser marking systems for special applications. It has developed a special purpose laser marking system for piston rings marking through years of experience. In this automation, rings to be marked are stacked between V-shaped magazine and two steel bars. At each stroke of

the pusher, which is located beneath the stack, a ring is moved into the marking area, where the auto image sensing system installed above detects the taper on piston ring and if it is in right position, i.e., the top side is up only, the image sensing system will give a command to marking laser to mark given details on the ring. Then the marked and non-marked rings are segregated with a pneumatic auto segregating system. Finally, marked and non-marked rings are collected into two different ring collection units. From non-marked ring collector rings can be again taken back and reloaded on stacker in a reverse direction. This machine can also be designed without auto image sensing unit and with dual feeder system to increase productivity. Productivity: on dual feeder system 70-90 with taper sensing and 100-120 without sensing; and on single feeder system 40-50 with taper sensing and 60-70 without sensing. Features at glance: auto loading-unloading; auto image/taper sensing; auto segregation/sorting; and CNC laser marking.

For further information contact:

Sahajanand Laser Technology Ltd

41, New York Tower A, S G High Way, Ahmedabad 380 054

Tel: 079-26854537-39. Mobile: 099798-69741.

Fax: 91-79-26854695.

E-mail: sales@sahajanandlaser.com