Deflashing Machines

Last year we Summit Engineers & Consultants Pvt Ltd have introduced Adhesive Spraying Machine on large scale. Now we are happy to introduce series of Deflashing Machine.

Flash is excess rubber material left on rubber molded part after molding. It is very costly, laborious and tricky work of removing the flash on components after molding. There have been various issues related to this activity.

1) Manual labour
2) Operator safety
3) Low productivity due to manual operation

Summit has developed different types of automated machines for deflashing of components considering the productivity, operator safety and quality. These machines are capable of:
- Flash removal from inside
- Flash removal from outside over the length and
- Flash removal from face/end of the components

These machines are capable of handling various range of components, the change over time for each component is minimum.

Salient Features and Advantages

Safety:
- Operator’s safety is biggest advantage.
- No direct contact of operator with high speed rotating parts like motors, brush etc.
- Localised and effective extraction of hazardous rubber particles.

Productivity:
- Cycle time < 5 sec.
- Quick change over time of component fixtures (less than 5 min).
- Easy and quick loading and unloading of components which leads to high productivity.

Quality:
- Uniform and accurate Deflashing of components.
- Easily controllable parameters (like Deflashing time, stock and stroke) to achieve expected quality.

Other Factors:
- Simple and rugged design.
- Quick change over time for fixtureing.
- Fixture to accommodate wide range of components.
- Easy for installation and handling.
- Low maintenance machines

World Class Automation & System Integration
@ Affordable Price
Deflashing Machines

ID Deflashing Machine

- Two station pneumatically operated system.
- Cleans ID thoroughly.
- Quick and effective operation.
- Quick changing fixtures to accommodate different components.
- Adjustable stroke depending upon length of the job.
- Adjustable cleaning stroke depending upon inside flash thickness.
- Can accommodate job from diameter 10 mm to 100 mm.
- Cycle Time < 5 sec.

OD Deflashing Machine

- Flash removal from outer of the bushings.
- Multiple numbers of components can be cleaned at a time. (Max. cleaning length 450mm)
- Accommodates variety of components from diameter 10 mm to 100 mm by changing rods.
- Rod acts as gauge for ID bush.
- Cross slide with one grinding spindle.
- Localized and effective flash extraction canopy.
- Cycle time - Approx @ 20 sec for 450 mm length.

Two Station Face Deflashing Machine

- First station for deflashing of inner face and Second station for deflashing of outer face.
- Highly dynamic indexing table for quick loading, consisting of 6 nos of job holding fixtures.
- Quick changing fixtures to accommodate different sizes of components.
- Simultaneous fast and effective deflashing of inner face and outer face.
- Effective flash extraction.
- Cycle Time < 5 sec.

Flash Cutting Machine

- Simple, compact single station system to cut the extra flash from components outer face.
- Quick operation for flash removal.
- Quick changing fixtures to accommodate different components.
- Can accommodate job from diameter 10 mm to 100 mm.
- Cycle time < 5 sec