

treated in closed, vibration free booth or cabinet made of strong steel, lined with wear resistant alloy liners. For maintenance purpose proper inspection door and ventilation are essential.

3. Abrasive Recovery System and Elevator :

The abrasives are recovered at the bottom of the cabinet by means of a screw conveyor and delivered to the base of the elevator, which then carries these to the separator.

4. Separator :

Before abrasives enters into the blast wheel for reuse, these have to be cleaned of all contaminants. This is the role of the air separator.

5. Dust Collector :

The last essential feature is the filtration, which retrieves dust laden air from the separator and cabinet ventilation system and discharges clean air into atmosphere for pollution free environment.

6. Work Handling :

Various systems exist for conveying the parts depending on the type, size and quality of the items to be treated.

(Fig. A)



Tumbly Type Machine

(Fig.A):

This design employs endless conveyor belt made of steel link and flats or rubber belt, which does not damage the job during tumbling.

(Fig. B)

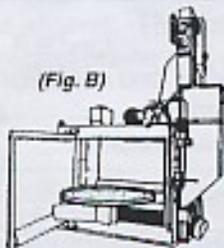
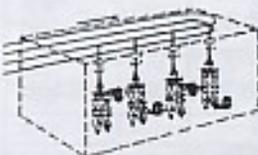


Table Type Machine

(Fig.B):

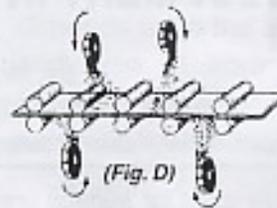
In this type of machine, parts being cleaned must be positioned or repositioned on the table to assure complete cleaning of the full surface.

(Fig.C)



Monorail Hanger Type Machine (Fig.C):

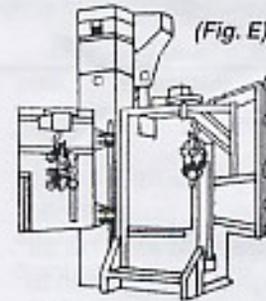
In this type of machine, parts are suspended on trees hung on hanger or special fixtures and are carried into the abrasive stream.



(Fig. D)

Roller & Belt Conveyor Machine (Fig.D):

This picture shows plate, sheet or structural shape descaling at high speed. Both upper and lower surfaces are shot blasted simultaneously.



(Fig. E)

Door Hanger Machine (Fig.E):

In this machine jobs are hung on the door. The parts are carried into abrasive stream after closing the door. The parts are mounted in front of the wheel. On completion of shot blasting, door is opened

and second door with job hung enters the cabinet. In this type of machine, one may get 30 to 40% more production.

COMPARE OLD M TYPE WHEEL (Fig-4)

NEW HIGH POWER WHEELS :

With the need for increased output it has become apparent that 'Shot Blast Cycle' on the machine must be reduced in effort to give increased output. We have introduced New RLM (Radialok) wheel, which throws more abrasive and consume less power. In this way one machine being able to do the work formerly required by two machines. The new wheel has large control cage and impeller making it possible to throw more abrasive and better and faster cleaning.

Fig - 4

Old M Wheel .

Blade Lock Type
Control Cage Small.
Impeller Small.

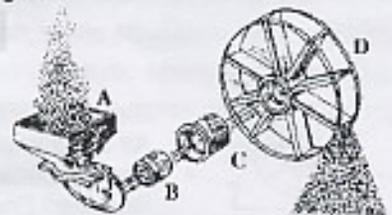


Fig - 5

New RLM Wheel

Blade Self Locking.
Control Cage Big.
Impeller Big.

Ask for our NEW wheel PARTS. We can replace old M type wheel with new wheel

1. Impeller Bolt
2. Impeller
3. Control Cage
4. Control Cage Adaptor
5. Centering Plate
6. Wheel
7. Blade
8. Hub
9. Hub Seal

