

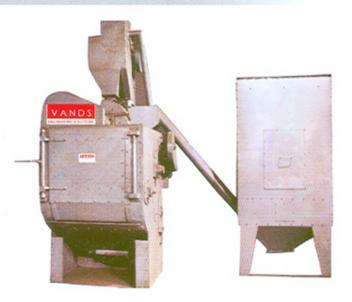
# VANDS ENGINEERING SOLUTIONS



### TUMBLAST TYPE SHOT BLASTING MACHINE

We have wide range of Tumblast type shot blasting machine varying from 150kg to 800kg. Tumblast type machine is suitable for castings and forgings widely from small to large components. Tumbling features enabled the process to cover component from every side.





| DESCRIPTION                    | TB20/27 | TB27/36   | TB27/44   | TB36/42 | TB48/62 |
|--------------------------------|---------|-----------|-----------|---------|---------|
| No. of Blast Wheel             | 1       | 1         | 1         | 1       | 2       |
| Size of Blast Wheel            | 10"     | 12.5"     | 15"       | 19"     | 19"     |
| H.P. of Blast Wheel            | 5       | 7.5       | 10        | 10      | 10      |
| Load Carrying Capacity of Belt | 150     | 300-400kg | 400-500kg | 650kg   | 800kg   |
| Dia of Tumblast Barrel         | 500kg   | 675       | 675       | 900     | 1200    |
| Height,                        | 11'     | 12'       | 12'       | 13'     | 15'     |
| Total Power Requirement (HP)   | 10      | 12.5      | 15        | 15      | 26      |
| Dist Collector Capacity (CFM)  | 1500    | 3000      | 3000      | 4000    | 4000    |
| Dust Bag                       | 16      | 48        | 48        | 48      | 72      |
|                                |         |           |           |         |         |

## TABLE TYPE SHOT BLASTING

| DESCRIPTION             | TT-25        | TT-36         | TT-48          | TT-72          |
|-------------------------|--------------|---------------|----------------|----------------|
| Swing Table Dia (9mm)   | 750          | 900           | 1200           | 1800           |
| Work Load Capacity kg   | 350          | 400           | 750            | 2500           |
| Turbine Size (D X W)    | 305 X 63     | 395 X 63      | 495 X 63       | 495 X 63       |
| Turbine                 | 7.5 HP       | 10 HP         | 15 HP          | 15 HP          |
| Dust Collector Capacity | 1200 CFM/3HP | 2000 CFM/5HP. | 3000 CFM/7.5HP | 3000 CFM/7.5HP |
| Total Power Consumption | 12.5 HP      | 17 HP         | 26.5 HP        | 26.5 HP        |
|                         |              |               |                |                |

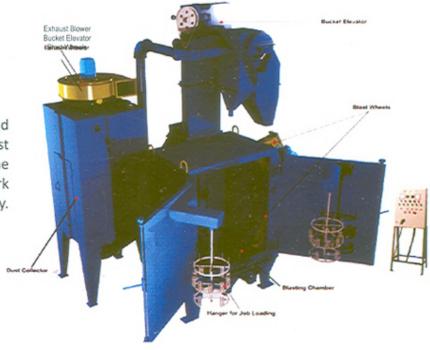






## HANGER SHOT BLASTING MACHINE

The combined rotating and oscillating action in the blast chamber, ensures that even the most difficult and complex work pieces can be cleaned throughly.



Hanger Type shot blasting machines from Vands Engineering offer total flexibility in your shot blast operations. Whether you are cleaning welding structure and fabrications, cleaning and deburring castings of Aluminium, Steel or Alloy. The range of applications is almost endless.

| DESCRIPTION                   | HB-60/75    | HB-60/100   | HB-80/100   | HB-100/120  |
|-------------------------------|-------------|-------------|-------------|-------------|
| No. of Blast Wheel            | 2           | 2           | 2           | 2           |
| Size of Blast Wheel (Inches)  | 12.5        | 12.5        | 15          | 15          |
| Flow Rate Hr/Wheel            | 3000Kg      | 5000Kg      | 3000Kg      | 5000Kg      |
| H.P. of Blast Wheel           | 5           | 7.5         | 7.5         | 7.5         |
| Max. Weight of Hanger         | 300         | 450         | 700         | 1000        |
| R.P.M. of Hanger              | 6-10        | 6-10        | 6-10        | 6-10        |
| Max. Diameter of Hanger       | 600         | 600         | 800         | 1000        |
| Max. Height o Hanger          | 750         | 1000        | 1000        | 1200        |
| total Power Requirement (HP)  | 14.5        | 23          | 14.5        | 23          |
| Duct Collector Capacity (cfm) | 1200        | 2000        | 3000        | 3000        |
| Hanger Type                   | Double Door | Single Rail | Y-Type Rail | V-Type Rail |





#### CABINET SAND BLASTING MACHINE

| DESCRIPTION               | SB-6060 | SB-9080 | P-12090 |
|---------------------------|---------|---------|---------|
| Abrasive Storage Capacity | 26 Ltrs | 28 Ltrs | 45 Ltrs |
| Depth (In mm)             | 600     | 800     | 900     |
| Width (In mm)             | 600     | 900     | 1200    |
| Height (In mm)            | 600     | 775     | 900     |
| Dust Collector HP         | 7.5     | 10      | 15      |

We have wide range of sand blasting machine in which we have Cabinet type sand blasting machine suitable for small components while using glass bead, garnet and other recyclable media and Pressure type machine suitable for medium and large components to be blasted in closed area.



#### PORTABLE SAND BLASTING MACHINE

| DESCRIPTION                     | P-150 | P-300 | P-1600 | P-1000 |
|---------------------------------|-------|-------|--------|--------|
| Capacity (in Ltrs)              | 50    | 100   | 200    | 330    |
| Metallic Capacity (in Kg)       | 150   | 300   | 600    | 1000   |
| Sand Capacity (In Kg)           | 70    | 180   | 350    | 580    |
| Dia (in mm)                     | 300   | 450   | 600    | 720    |
| Height (In mm)                  | 900   | 1100  | 1400   | 1500   |
| Weight of Machine (In Kg)       | 60    | 100   | 150    | 200    |
| Tungsten Carbide Nozzle Orifice | 2.5-3 | 5/6   | 6/8    | 8/10   |
| Hose Id (in mm)                 | 12.5  | 19    | 25     | 32     |
| Hose Length (In Mtrs)           | 8     | 7.5   | 10     | 10     |





Vands Engineering manufacturers & maintain stock of shot peening equipments like Almen Strips, Type A, Type N, Type C & Digital as well as analog Almen Gauge.

Our Almen Gauges are highly in demand due to accuracy & competitive prices. It comes with Magnetic Strip holding and side guides.

