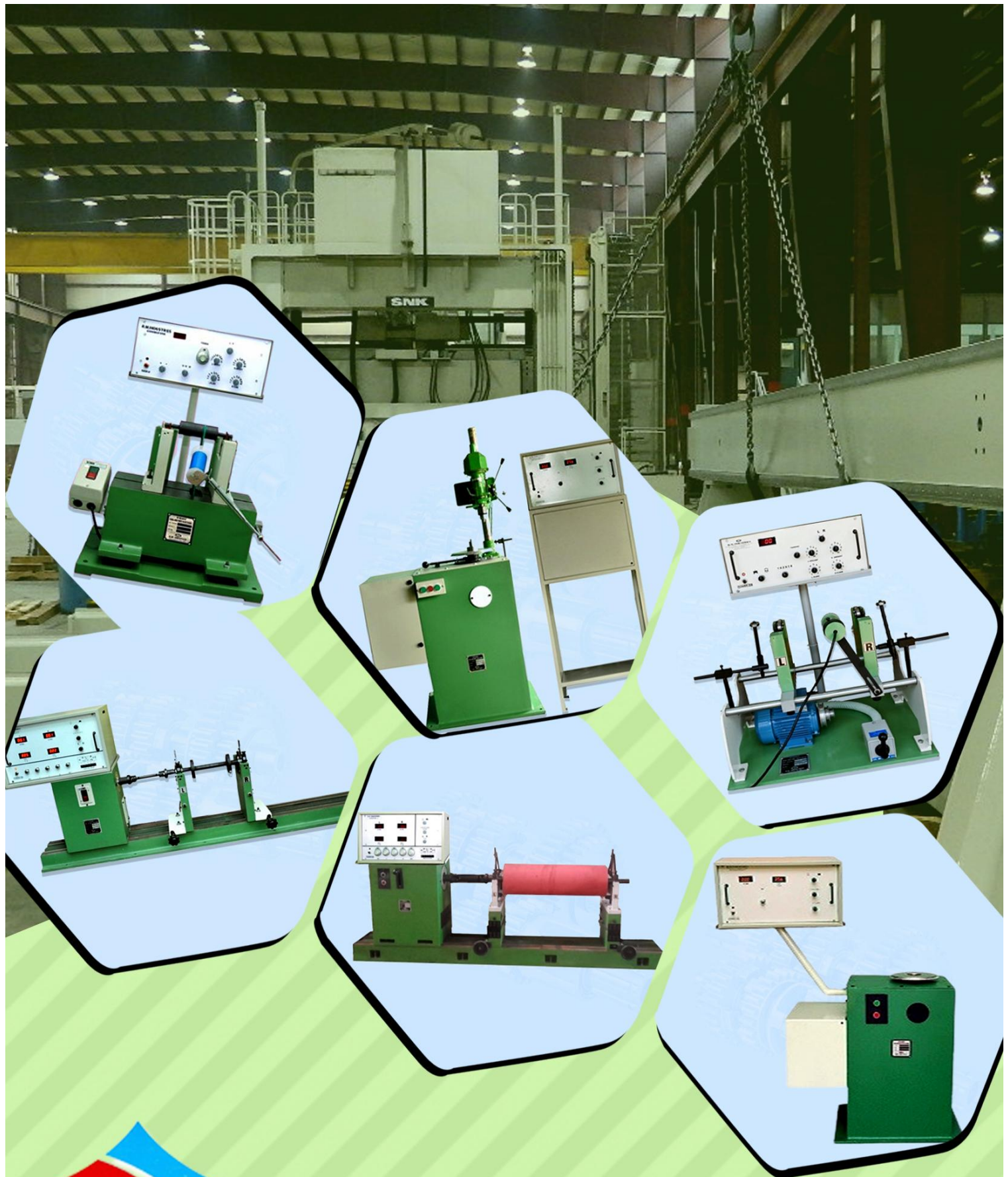




**R.M. INDUSTRIES**

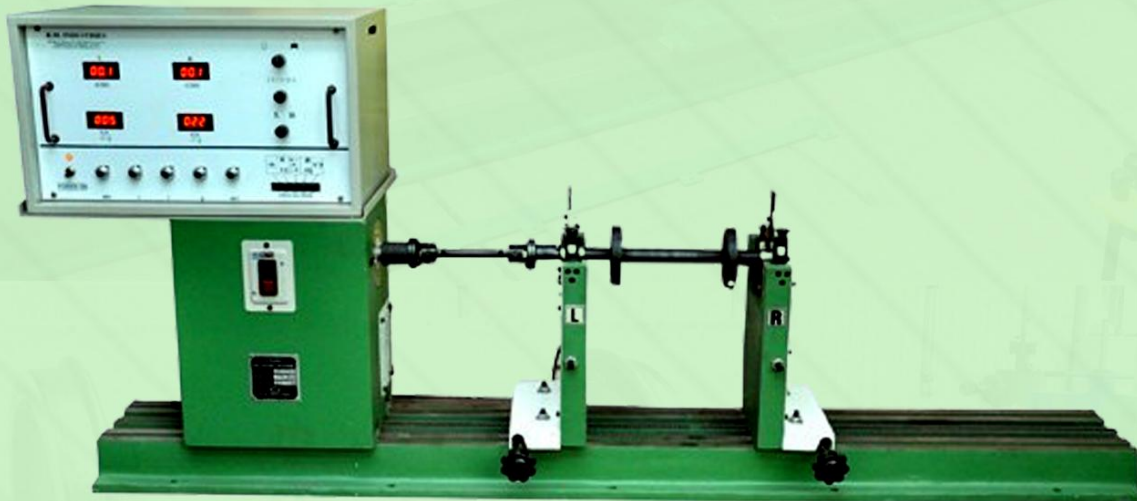
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## HORIZONTAL DYNAMIC BALANCING MACHINE

### DESCRIPTION:

**R.M.INDUSTRIES** make hard bearing Horizontal Dynamic Balancing Machine are ideally used for Like Pump rotors and Impellers, Pulleys, Armatures, Fans, Grinding wheels, Turbine rotor & discs, Electric motor rotors, Paper machine rolls, Blower fans, Textile machines Beaters and many others.



### Technical Specification: For Horizontal end driven dynamic balancing machine

| MACHINE MODEL                                          | Unit               | RHE-10 | RHE-30 | RHE-50 | RHE-100 | RHE-300 | RHE-650 | RHE-1T  | RHE-3T  |
|--------------------------------------------------------|--------------------|--------|--------|--------|---------|---------|---------|---------|---------|
| NOMINAL WEIGHT CAPACITY                                | Kg                 | 0.5-10 | 1-30   | 2-50   | 3-100   | 10-300  | 6.5-650 | 10-1000 | 30-3000 |
| MAXIMUM DIAMETER OF JOB                                | mm                 | 500    | 500    | 500    | 1000    | 1000    | 1200    | 1600    | 2000    |
| JOURNAL DIAMETER                                       | mm                 | 5-50   | 5-50   | 5-50   | 15-80   | 20-120  | 20-120  | 25-140  | 35-200  |
| MAXIMUM LENGTH OF JOB                                  | mm                 | 500    | 500    | 1200   | 1400    | 1400    | 1650    | 1650    | 2400    |
| MINIMUM DISTANCE BETWEEN PEDESTALS ROLLER BEARINGS     | mm                 | 50     | 75     | 75     | 90      | 110     | 300     | 350     | 500     |
| BALANCING SPEED RANGE                                  | RPM                | 1000   | 700    | 700    | 600     | 500     | 350     | 300-600 | 250-500 |
| POWER OF DRIVE MOTOR                                   | HP                 | 0.33   | 0.75   | 0.75   | 1.5     | 3       | 5       | 7.5     | 20      |
| MINIMUM UNBALANCE MASS READ                            | gms                | 0.05   | 0.1    | 0.1    | 0.1     | 0.1     | 0.2     | 0.2     | 0.6     |
| MAXIMUM UNBALANCE MASS READ                            | gms                | 500    | 500    | 500    | 1000    | 1000    | 2000    | 2000    | 2000    |
| MINIMUM UNBALANCE MEASURED                             | g.mm               | 0.5    | 1.25   | 2.5    | 5       | 5       | 9       | 10      | 30      |
| MINIMUM ACHIEVABLE UNBALANCE (FOR MAX.WT.OF THE ROTOR) | microns or g.mm/kg | 0.5    | 0.5    | 0.5    | 0.5     | 0.5     | 0.5     | 0.5     | 0.5     |

## VERTICAL DYNAMIC BALANCING MACHINE

### DESCRIPTION:

**R.M.INDUSTRIES** make hard bearing vertical dynamic balancing machines are ideally used for Like Pump Impellers, Pulleys, Fly wheels, Textile spindles & Textile machine coiler, Grinding wheels, Fans, CNC machine tool holder, wood cutter, clutch plates etc.



### Technical Specification: For Vertical Dynamic Balancing Machine

| MACHINE MODEL                                          | Unit               | RHVS-10 | RHVS-30 | RHVS-50 | RHVS-100 | RHVS-300 |
|--------------------------------------------------------|--------------------|---------|---------|---------|----------|----------|
| NOMINAL WEIGHT CAPACITY                                | Kg                 | 0.2-10  | 1-30    | 1-50    | 3-100    | 5-300    |
| MAXIMUM DIAMETER OF JOB                                | mm                 | 300     | 300     | 500     | 600      | 600      |
| BALANCING SPEED RANGE                                  | RPM                | 1000    | 700     | 600     | 400      | 300      |
| POWER OF DRIVE MOTOR                                   | HP                 | 0.5     | 1       | 2       | 3        | 5        |
| MINIMUM UNBALANCE MASS READ                            | gms                | 0.1     | 0.1     | 0.1     | 0.5      | 1        |
| MAXIMUM UNBALANCE MASS READ                            | gms                | 500     | 500     | 500     | 1000     | 1000     |
| MINIMUM ACHIEVABLE UNBALANCE (FOR MAX.WT. OF THE JOBS) | microns or g.mm/kg | 0.5     | 0.5     | 0.5     | 0.5      | 0.5      |



## STROBOSCOPIC DYNAMIC BALANCING MACHINE

### DESCRIPTION:

**R.M.INDUSTRIES** make soft bearing horizontal belt driven dynamic balancing machines are ideally used for Like Pump rotors and Impellers, small Pulleys, Armatures, mixer grinder rotor, small Turbochargers of rotor, Electric motor rotors, Textile small spindles, High speed components and many others.



### Technical Specification: For Stroboscopic Dynamic Balancing Machine

| MACHINE MODEL                                          | Unit               | RBSS-3   | RBSS-5   | RBSS-10  | RBSS-20  | RBSS-30  |
|--------------------------------------------------------|--------------------|----------|----------|----------|----------|----------|
| NOMINAL WEIGHT CAPACITY                                | Kg                 | 0.1-3    | 0.1-5    | 0.2-10   | 0.5-20   | 1.0-30   |
| MAXIMUM DIAMETER OF JOB                                | mm                 | 100      | 100      | 150      | 200      | 200      |
| MAXIMUM LENGTH OF JOB                                  | mm                 | 250      | 250      | 400      | 400      | 700      |
| BALANCING SPEED RANGE                                  | rpm                | 800-3000 | 800-3000 | 800-3000 | 800-3000 | 800-3000 |
| POWER OF DRIVE MOTOR                                   | hp                 | 0.33     | 0.33     | 0.5      | 0.75     | 1.0      |
| MINIMUM UNBALANCE MASS READ                            | gms                | 0.05     | 0.05     | 0.1      | 0.1      | 0.1      |
| MINIMUM ACHIEVABLE UNBALANCE (FOR MAX.WT.OF THE ROTOR) | microns or g.mm/kg | 0.2-2    | 0.2-2    | 0.2-2    | 0.2-2    | 0.2-2    |

## BELT DRIVEN HORIZONTAL DYNAMIC BALANCING MACHINE

### DESCRIPTION:

**R.M.INDUSTRIES** make hard bearing horizontal belt driven dynamic balancing machines are ideally used for Like Pump rotors and Impellers, small pulleys, Armatures, cylindrical rotors, Textile machine spindles, Electric motor rotors, Paper machine rolls, and many others.



### Technical Specification: For Belt Driven Horizontal Dynamic Balancing Machine

| MACHINE MODEL                                          | Unit                 | RBHP-10    | RBHP-30    | RBHP-50    | RBHP-100   | RBHP-300   |
|--------------------------------------------------------|----------------------|------------|------------|------------|------------|------------|
| NOMINAL WEIGHT CAPACITY                                | Kg                   | 0.5-10     | 1-30       | 2-50       | 3-100      | 10-300     |
| MAXIMUM DIAMETER OF JOB                                | mm                   | 500        | 500        | 500        | 1000       | 1000       |
| JOURNAL DIAMETER                                       | mm                   | 5-50       | 5-50       | 18384      | 15-80      | 20-120     |
| MAXIMUM LENGTH OF JOB                                  | mm                   | 700        | 1000       | 1200       | 1600       | 1600       |
| MINIMUM DISTANCE BETWEEN PEDESTALS ROLLER BEARINGS     | mm                   | 50         | 75         | 75         | 90         | 110        |
| BALANCING SPEED RANGE                                  | RPM                  | 800 - 2000 | 800 - 2000 | 700 - 1500 | 500 - 1000 | 500 - 1000 |
| POWER OF DRIVE MOTOR                                   | HP                   | 0.33       | 0.75       | 0.75       | 1.5        | 3          |
| MINIMUM UNBALANCE MASS READ                            | gms                  | 0.05       | 0.1        | 0.1        | 0.1        | 0.1        |
| MAXIMUM UNBALANCE MASS READ                            | gms                  | 500        | 500        | 500        | 1000       | 1000       |
| MINIMUM UNBALANCE MEASURED                             | g.mm                 | 0.5        | 1.25       | 2.5        | 5          | 5          |
| MINIMUM ACHIEVABLE UNBALANCE (FOR MAX.WT.OF THE ROTOR) | microns (or) g.mm/kg | 0.5        | 0.5        | 0.5        | 0.5        | 0.5        |





## **OUR PRODUCTS:**

- ✿ **HORIZONTAL DYNAMIC BALANCING MACHINE**
- ✿ **VERTICAL DYNAMIC BALANCING MACHINE**
- ✿ **STROBOSCOPIC DYNAMIC BALANCING MACHINE**
- ✿ **BELT DRIVEN HORIZONTAL DYNAMIC BALANCING MACHINE**
- ✿ **SPECIAL PURPOSE DYNAMIC BALANCING MACHINE**

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