

# VERTICAL BALANCING MACHINE



**VTM**  
GROUP

## We make balancing easier

- Manufacturing of balancing machines for various workpieces of all types and sizes.
- Equipment and tooling are offered only in accordance with specifics of your business.
- Training of personnel to working skills on the machine.
- Commissioning and adjustment works at the customer's location.

## BALANCING MACHINE

**97V10**

for light weight rotors up to 10 kg.



## BALANCING MACHINE

**97V50**

for rotors weighing up to 50 kg.



**Our machines make your business more profitable!**



Reliable and productive



No need for expensive  
maintenance



Fast payback time

## BALANCING MACHINE

**97V100**

for wide range of rotors weighing up to 100 kg.



## BALANCING MACHINE

**97V300**

for wide range of rotors weighing up to 300 kg.



## Examples of application



## Product range

Dynamic balancing machine: Model	97V10	97V50	97V100	97V300
Mass range of balanced rotors, kg	0,1 - 10	0,3 - 30	1 - 100	3 - 300
The largest diameter of the balanced rotor, mm	250	550	550	1000
Maximum rotor height, mm	150	200	200	300
Minimum achievable residual specific imbalance, gmm / kg	4	4	4	4
Number of measuring planes	1 or 2	1 or 2	1 or 2	1 or 2
The frequency of rotation of the balanced rotor, rpm	300-1500	300-1000	300-1000	300-1000
Electric motor power, kW	1,0	3,0	4,0	7,5
Power supply	400 V, 3 Ph	400 V, 3 Ph	400 V, 3 Ph	400 V, 3 Ph

## Options



Drilling / milling module



Balancing mandrel



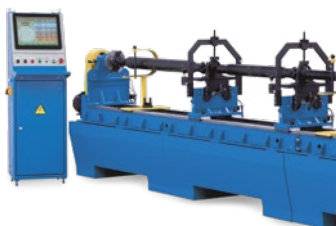
Protective enclosures

## Explore our other products



### Turbocharger balancing and repair equipment

We manufacture a full range of equipment for turbocharger balancing and repair: shaft balancing machine, turbocharger CHRA balancer, VNT flow bench, VSR balancing machine.



### Driveshaft balancing and repair equipment

We manufacture a full range of equipment for drive shaft balancing and repair service: balancing machines, manual press for stacking U-joints, hydraulic press, assembly welding workbench.



### DPF cleaning machines

Professional equipment for regeneration of DPF filters and catalysts of passenger and commercial vehicles. Minimal resources and time to open your own service for cleaning particulate filters.



### Dynamic balancing machines

Balancing machines for manufacturers and service workshops. Balancing of rotors weighing from 100 grams to 10000 kg, of any design and size, single parts or large batches of similar products.

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VTM GROUP LTD  
65005, Odesa, Ukraine

+380 50 492 9007  
sales@vtm.group  
www.vtm.group

