

Standard



# XTB820

Hand spun passenger wheel balancer



## Model: XTB820

**Product:** Electric operated passenger Wheel balancer

**Description:** The XTB820 wheel balancer is the perfect companion to the XTC428B tyre changing machine. Small and compact, it is an electronic balancing machine with microprocessor designed for balancing wheels weighting up to 65kg.

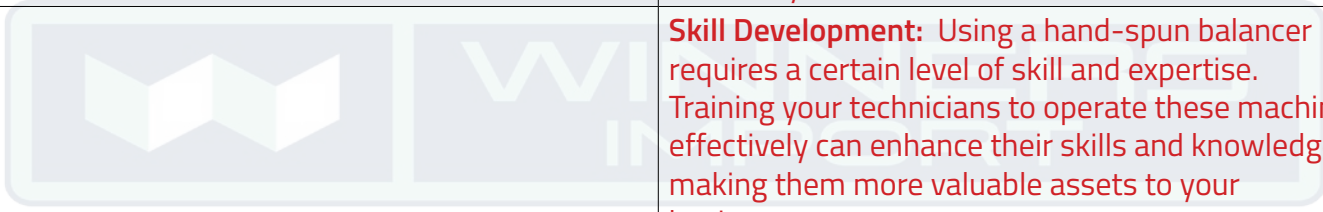
The push button controlled calibration system allows a range of adjustment which is also sufficient to cover wheels. Differing from ordinary ones (motorcycles and racing cars).

Special functions are also available to cater for wheels of unusual shape and there is provision for optional functions of the balancing machine.

The operator will enter the 3 specifications of offset, wheel width and wheel diameter before spinning the wheel for the balancing process. The balancer will then indicate the weight placement required and its value. Simple, compact, affordable and accurate the XTB820 is also ideal for use in a compact workshop environment as well as a mobile tyre fitting operation.

**Optional extra** - motorcycle adapter.

| Features:                                                  | Benefits:                                                                                                                                                                                                                                                                                                                        |
|------------------------------------------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Smaller cabinet                                            | Saves space, convenient when it needs to be transported.                                                                                                                                                                                                                                                                         |
| High-precision machinery spindle and imported bearings     | Ensure the measuring precision.                                                                                                                                                                                                                                                                                                  |
| Can change display from inch to millimeter, gram to ounce. | Easy to operate.                                                                                                                                                                                                                                                                                                                 |
| Self-calibrating programs                                  | The self-calibration mode enables you to test and set the various sensors in the machine to check everything is working correctly. It's good practice to run the calibration when the machine is first delivered and then you can run it once a month just to check you are providing the very best in wheel balancing accuracy. |
| Static, AL1 ,AL2,AL3 balancing modes                       | Complete range of different wheels.                                                                                                                                                                                                                                                                                              |
| Safety hood                                                | To prevent the tyre from flying in any direction and protect the operators eyes & face from any debris that might come flying off the tyre.                                                                                                                                                                                      |
| Rugged welded steel body construction.                     | Designed to perform and built to last.                                                                                                                                                                                                                                                                                           |
| Foot brake                                                 | For accurate wheel weight placement                                                                                                                                                                                                                                                                                              |
|                                                            | <b>Cost Savings:</b> Hand-spun wheel balancers are generally more affordable to purchase and maintain compared to electronic balancers. This can be especially beneficial for smaller businesses or those on a tight budget.                                                                                                     |

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|                                                                                     | <p><b>Portability:</b> Hand-spun balancers are typically lightweight and portable, making them suitable for mobile tyre service providers. You can easily transport them to customer locations, which can expand your service area and customer base.</p>               |
|                                                                                     | <p><b>Reliability:</b> Hand-spun balancers don't rely on electricity or complex electronic components, reducing the risk of technical malfunctions. This reliability can contribute to higher customer satisfaction and fewer downtimes for maintenance or repairs.</p> |
|                                                                                     | <p><b>Quick Setup:</b> Hand-spin balancers are straightforward to set up and use, reducing the time it takes to balance a wheel. This efficiency can help improve the turnaround time for customers and increase your shop's productivity</p>                           |
|                                                                                     | <p><b>Versatility:</b> Hand-spin balancers can handle a wide range of wheel sizes and types, making them suitable for balancing various passenger vehicle wheels, including steel and alloy rims. This versatility can attract a diverse customer base.</p>             |
|  | <p><b>Skill Development:</b> Using a hand-spun balancer requires a certain level of skill and expertise. Training your technicians to operate these machines effectively can enhance their skills and knowledge, making them more valuable assets to your business.</p> |
|                                                                                     | <p><b>Backup Option:</b> Having a hand-spun balancer as a backup tool can be beneficial when your electronic balancer is temporarily out of service due to maintenance or technical issues. This ensures you can continue serving customers without interruptions.</p>  |
|                                                                                     | <p><b>Minimal Maintenance:</b> Hand-spun balancers have fewer moving parts and electronic components, reducing the need for frequent maintenance. This can lower operational costs and increase the overall profitability of your business.</p>                         |
|                                                                                     | <p><b>Customer Preference:</b> Some customers may prefer the traditional hand-spin balancing method, believing it to be more accurate or trustworthy. Offering this option can cater to a specific customer segment and help build trust in your services.</p>          |
|                                                                                     | <p><b>Competitive Advantage:</b> Depending on your local market and competition, offering hand-spun wheel balancing as an alternative service can set your business apart from others and attract customers who specifically seek this method.</p>                      |

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|--------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|                    | <b>Continued Vehicle Maintenance:</b> Load shedding can disrupt regular vehicle maintenance schedules as many automotive shops rely on electric-powered equipment. With a hand-spun wheel balancer, businesses can continue to perform essential maintenance tasks, such as balancing wheels, even during power outages. This ensures that vehicles remain safe and roadworthy. |
|                    | <b>Reduced Downtime:</b> Traditional wheel balancing machines often require electricity to operate. When load shedding occurs, businesses without alternative options may experience downtime. A hand-spun wheel balancer allows you to continue serving customers, reducing downtime and revenue loss.                                                                         |
|                    | <b>Improved Customer Service:</b> For businesses that provide tyre and wheel services, having a hand-spun wheel balancer ensures that you can meet customer demands regardless of power outages. This reliability can lead to improved customer satisfaction and loyalty.                                                                                                       |
| Training available | Technicians can be professionally trained to use the equipment and get the maximum benefit from it.                                                                                                                                                                                                                                                                             |
| 1 year warranty    | The machine will be repaired if there are any factory faults and can be replaced if required.                                                                                                                                                                                                                                                                                   |
| Spares available   | Should you have a breakdown you will not have to wait for your equipment to be repaired. If there is anything we don't have, we fly it in directly from the Suppliers.                                                                                                                                                                                                          |

| Technical information |                 |
|-----------------------|-----------------|
| Max wheel weight      | 65 kg           |
| Voltage               | 220V/50Hz       |
| Balancing accuracy    | ±1g             |
| Rim diameter          | 10" - 24"       |
| Rim width             | 1.5" - 20"      |
| Cycle time            | 15s             |
| Packaging dimensions  | 780*570*1080 mm |
| Packaging weight      | 110 kg          |
| Net weight            | 83kg            |
| Machine dimensions    | 900*540*995mm   |

## Motorcycle adapter

