



MB190T

**HAND-SPIN WHEEL BALANCER
FOR TRUCK AND BUS WHEELS, IDEAL FOR MOBILE SERVICE**

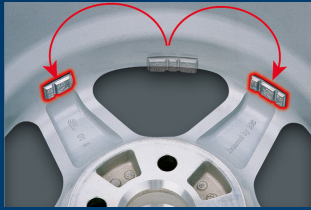


MB190T HAND-SPIN WHEEL BALANCER FOR TRUCK AND BUS WHEELS, IDEAL FOR MOBILE SERVICE

- 🇬🇧 M&B MB190T is the ergonomic hand-spin balancer truck wheels, with reduced dimensions and weight, that make it particularly suitable for mobile service
- 🇮🇹 M&B MB190T è l'equilibratrice ergonomica a lancio manuale con dimensioni e peso ridotti che la rendono particolarmente indicata per il servizio mobile
- 🇫🇷 M&B MB190T est l'équilibruse ergonomique à lancement manuel avec dimensions et poids réduits, qui la rend particulièrement appropriée pour le service mobile
- 🇩🇪 M&B MB190T ist die ergonomische Auswuchtmaschine mit manuellem Messlauf, reduzierten Abmessungen und geringem Gewicht, besonders geeignet für den mobile Reifendienst
- 🇪🇸 M&B MB190T es la equilibradora ergonómica con lanzamiento manual y con dimensiones y peso reducidos, que la hacen, particularmente apta para el servicio móvil



SOFTWARE FEATURES



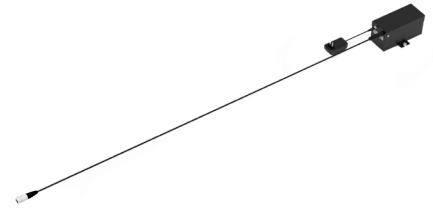
ALU-S and SPLIT programs: thanks to an intelligent gauge, the machine automatically detects if an alloy rim is used and calculates distance and diameter for both correction planes. The SPLIT function re-calculates the unbalance on the basis of selected number of spokes, in order to correct behind the two nearest spokes

Initial unbalance
Inside 23 g - Outside 18 g Angle 50°
with traditional wheel balancer
Inside 25 g - Outside 20 g Static residual: 4 g
with minimisation program
Inside 20 g - Outside 20 g Static residual: 1 g

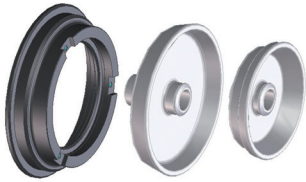
The static unbalance is the major cause to most car vibrations. The **STATIC MINIMISATION PROGRAM** indicates the optimal weight value to be applied, using an intelligent approximation system to minimize the inevitable residual static imbalance using standard weights on the market, available in 5g units

- UK** **The handle system** allows to change the shaft's height from the ground for loading, spinning and braking even of the biggest wheels, minimizing the effort required. No lift is needed
Wheels and centre of gravity are positioned in a way to grant an **easy handling and movement of the machine**
Gauge for automatic distance and diameter measuring with ALU-S function and **automatic position repeater** of the pre-selected correction planes
Handle system to carry out the **wheel spin, without any effort** thanks to a mechanical reduction gear
SPLIT program to hide weights behind spokes, **matching** program and program for **automatic minimization of static unbalance**
Triple power supply (220 V AC by mains supply, 12 V CC by light commercial vehicle battery, 24 V CC by truck battery)
- IT** **Sistema a manovella** che consente di variare l'altezza dell'albero da terra per il carico, il lancio e la frenatura, rendendola adatta anche alle ruote più grandi e riducendo al minimo lo sforzo dell'operatore senza necessità di un sollevatore
Ruote e baricentro sono posizionati in modo da **facilitare lo spostamento della macchina**
Calibro per la **rilevazione automatica della distanza e del diametro** della ruota con funzione ALU-S e **ripetitore automatico** dei piani di correzione prescelti
Sistema a manovella per il **lancio della ruota senza sforzo**, grazie al riduttore meccanico
Programma SPLIT per nascondere il peso dietro le razze, programma **matching** e **minimizzazione automatica dello squilibrio statico**
Tripla possibilità di alimentazione (220 V AC da rete, 12 V CC da batteria furgone, 24 V CC da batteria camion)
- FR** **Système avec manivelle** qui permet de varier la hauteur de l'arbre pour le chargement, le lancement et le freinage de la roue, en minimisant l'effort de l'opérateur sans avoir besoin d'un élévateur
Les roues et le barycentre sont positionnés de manière à **faciliter le déplacement de la machine**
Jauge pour **mesurer** et mémoriser **automatiquement la distance et le diamètre**, avec fonction ALU-S et **répétiteur automatique** des plans de correction présélectionnés
Manivelle pour le **lancement de la roue sans effort**, grâce au réducteur mécanique
Programme SPLIT pour cacher le contrepoids derrière les rayons, programme **matching** et programme de **minimisation automatique du balourd statique**
Triple alimentation (220 V AC du réseau, 12 V CC de la batterie du fourgon, 24 V CC de la batterie du camion)
- DE** **Kurbelsystem**, mit dem die Höhe der Welle zum Aufspannen, Wuchten und Abbremsen des Rades variieren kann. Äußerst geringer Kraftaufwand für den Benutzer auch mit riesige Räder. Kein Lift nötig
Räder und Schwerpunkt sind so positioniert, dass **die Maschine leicht verschoben werden kann**
Messarm zum **automatischen Messen und Speichern von Abstand und Durchmesser** mit Funktion ALU-S und **automatischer Positionsgeber** für vorgewählte Korrektorebenen
Kurbelsystem für den **Messlauf mit minimalem Kraftaufwand für den Benutzer**, dank eines Reduziergetriebes
SPLIT-Programm zur Hinter-Speichen Platzierung der Wuchtgewichte, **Matching** Programm und Programm zur **automatischen Minimierung der statischen Unwucht**
Dreifache Stromversorgung (220 V WS Netzanschluss, 12 V GS Kleintransporter-Batterie, 24 V GS Lkw-Batterie)
- ES** **Sistema de manivela** que permite variar la altura del eje con respecto al suelo para la carga, el lanzamiento y el frenado de la rueda, con mínimo esfuerzo para el operador y sin necesidad de un elevador
La posición de las ruedas y el baricentro **facilitan el desplazamiento de la máquina**
Calibre para la **medición y la memorización automática de la distancia y el diámetro** con función ALU-S y **repetidor automático** de los planos de corrección preseleccionados
Sistema de manivela para el **lanzamiento de la rueda con mínimo esfuerzo** para el operador gracias a un reductor mecánico
Programa SPLIT para el posicionamiento de pesos detrás de los radios, programa de matching, programa de **minimización automática del desequilibrio estático**
Alimentación triple (220 VCA de red, 12 VCC de batería de furgoneta, 24 VCC de batería de camión)

STANDARD CONFIGURATION



OPTIONAL ACCESSORIES



GG Kit

To centre truck or bus wheels with a central hole of 202 / 221 / 281 mm Ø by means of cones

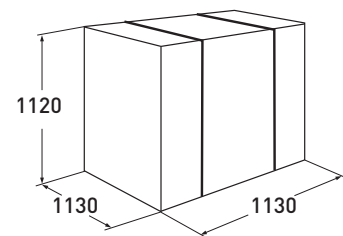
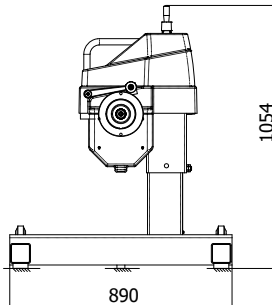
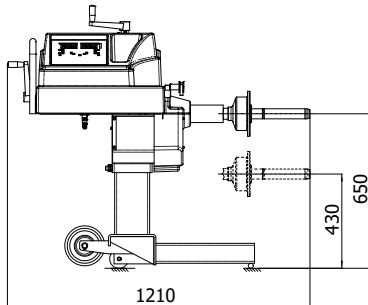
SR 215/2 Kit

To centre wheels with 8 holes on 275/285,75 mm Ø and with 10 holes on 225/285,75/335 mm Ø

SR3

Kit for light truck with SR3-3-arm-star-adapter Ø 161/170/184,15/205/222,25/245 mm

OVERALL DIMENSIONS



TECHNICAL DATA

170 kg	10" ÷ 30" 265 ÷ 765 mm	1.5" ÷ 20" 40 ÷ 510 mm	20" 508 mm	51" 1300 mm	< 250 kg	230V/1/50-60Hz or 110V/1/50-60Hz 12 V CC (by comm. vehicle battery) 24 V CC (by truck battery)	100 rpm



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