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Quality Wins.



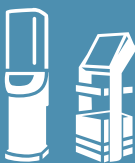
M A S T E R C A T A L O G

HAIMER®

BALANCING TECHNOLOGY





HAIMER.

















Balancing
Technology

HAIMER
G 2.5 25000
A63.144.25.3
Ø 25 x 130
A 6

OPTIONAL CONFIGURATIONS

Symbol	Order No.	Article name	Description	TD 1002	Economic	Economic Plus	Tool Dynamic TD Comfort	Comfort Plus	Comfort Plus i4.0	TD Preset Microset	TD 800
	80.205.10	Transformer	Transforms 230 Volt single phase power to 110 Volt single phase								
	—	Vibration optimized base	Adapted table for optimized base	•	—	—	—	—	—	—	—
	—	Base made of polymer concrete	Heavy base ensures the highest measuring accuracy	—	•	•	•	•	•	•	•
	—	User interface	Integrated user interface for easy handling of the machine	•	•	•	•	•	•	•	•
	—	Optical indexing help	Indication of the exact spindle angle position on display	•	•	•	•	•	•	•	•
	—	Laser marking	Indicates the position of unbalance and correction with a laser	•	•	•	•	•	•	•	•
	—	Print label	Print balancing results on label	—	—	—	•	•	•	•	•
	—	Radial drilling	Balancing by drilling radially	•	•	•	•	•	•	•	•
	—	Software for compensation with balancing rings	Balancing by rings or other movable weights	•	•	•	•	•	•	•	•
	—	Index balancing	Compensation of measuring errors by index balancing (2 measuring runs, indexing angle 180°)	•	•	•	•	•	•	•	•
	—	Balancing with spindle compensation	Quick and precise measurement of repetition parts (single measuring run)	•	•	•	•	•	•	•	•
	—	Balancing in 1 plane	Measuring and correction of unbalance in 1 plane (static)	•	•	•	•	•	•	•	•
	80.252.01	Balancing in 2 planes	Measuring and correction of unbalance in 2 planes (dynamic unbalance)	○	○	•	•	•	•	•	•
	80.202.00	Fixed components	Enables balancing at pre-defined positions (e.g. with balancing screws)	○	•	•	•	•	•	•	•

• included ○ optional — not available

Symbol	Order No.	Article name	Description	TD 1002	Economic	Economic Plus	Tool Dynamic TD Comfort	Comfort Plus	Comfort Plus i4.0	TD Preset Microset	TD 800
											
	80.217.00	Automatic indexing	Turns the spindle on the selected angle position and simplifies exact positioning of spindle	○	●	●	●	●	●	●	●
	80.227.00	Rack for accessories	Storage rack with two integrated drawers for balancing adapters and further accessories	—	●	●	●	●	●	●	●
	80.212.00	Milling program	Milling program allows correction of unbalance via milling	○	○	○	●	●	●	●	●
	80.245.06	Balancing Software TD 4.0	New software with user-friendly graphical interface and touchscreen control	—	●	●	●	●	●	●	●
	80.228.03.3	Screen holder	Comfortable tray to place PC screen and keyboard	—	○	○	●	—	—	—	—
	80.228.02.01.3	Printer desk	Optional desk for printer (Requires screen holder)	—	○	○	○	—	—	—	—
	80.228.02.02.3	PC holder	Optional holder for external PC (Requires screen holder)	—	○	○	○	—	—	—	—
	80.233.00.4	Control terminal incl. touchscreen	Terminal for storage of touchscreen, keyboard, mouse, printer, and further accessories (only together with Balancing Software TD 4.0)	—	○	○	○	●	—	—	●
	80.233.09	Control terminal i4.0 incl. touchscreen	Control terminal with 27" touchscreen and integrated PC (Windows based)	—	—	—	—	○	●	●	○
	80.233.01.3	Desk for label printer	Optional desk for label printer (Requires Tool Control i4.0)	—	—	—	—	○	○	○	○
	80.233.02.3	Desk for tool scale	Optional desk for tool scale or tools (Requires Tool Control i4.0)	—	—	—	—	○	○	○	○
	80.229.03	Touchscreen	TFT monitor with touchscreen (Upgrade for TD Comfort)	—	—	—	○	●	●	●	●
	80.229.02	TFT screen	Comfortable usage via keyboard for integrated PC	—	○	○	●	—	—	—	—
	80.229.04	Touchscreen	TFT monitor with touchscreen for TD Economic and TD Economic Plus	—	○	○	—	●	●	●	●

● included ○ optional — not available

OPTIONAL CONFIGURATIONS

Symbol	Order No.	Article name	Description	TD 1002	Economic	Economic Plus	Tool Dynamic TD Comfort	Comfort Plus	Comfort Plus i4.0	TD Preset Microset	TD 800
	80.209.00	Specific weight function	Enables specification of the specific weight of the holder to be balanced, if different from steel	○	○	○	○	○	○	●	○
	80.213.01	Drilling axial	Enables balancing by axial drilling (e.g. for grinding wheels)	○	○	○	○	○	○	○	○
	80.218.00	Index balancing with free indexing angle	Index balancing of holders which can not be indexed 180° (e.g. PSC chucks)	○	○	○	○	○	○	○	○
	80.214.00	Software for report printout	Printout of a detailed measuring protocol (balancing certificate)	○	○	○	○	○	○	●	○
	—	Deutsch/English/Français/Italiano/Español	Languages for user interface	●	●	●	●	●	●	●	●
	80.245.12	User account administration	User administration with individual allocation of user rights (80.245.06 required)	—	○	○	●	●	●	○	○
	80.245.09	Forbidden areas	Defined areas that are not allowed for the correction of the unbalance (80.245.06 required)	—	○	○	○	○	○	○	○
	80.245.10	Alternative balance correction positions	Calculation of alternative positions, when proposed position not possible (80.245.06 required)	—	○	○	○	○	○	○	○
	80.245.11	Optimized measuring time	Shortened measuring run, if measuring accuracy is sufficient (80.245.06 required)	—	○	○	○	○	○	○	○
	80.245.14	Eccentric Balancing	Correction of unbalance by eccentric milling or turning	—	○	○	○	○	○	○	○
	80.232.01.3	Safety hood type 3	Safety hood for extra long tool holders with max. 700 mm length and max. 400 mm diam. (incl. second laser marking from top)	—	○	○	○	○	○	●	—
	80.232.02.3	Safety hood type 4	Safety hood for extra long tool holders with max. 700 mm length and max. 425 mm diam. (incl. second laser marking from top)	—	○	○	○	○	○	—	—
	80.254.00.3	Runout measuring device	Easy and reliable check of grinding wheel's runout and axial runout	○	—	—	—	—	—	—	—
	80.203.00	Balancing screw set	Set consisting of 11 × 10 special screws for fine-balancing of tool holders with balancing threads m6 (e.g. shrink fit chucks from HAIMER)	○	○	○	○	○	○	●	○

● included ○ optional — not available

Symbol	Order No.	Article name	Description	TD 1002	Tool Dynamic TD					TD Preset Microset	TD 800
					Economic	Economic Plus	Comfort	Comfort Plus	Comfort Plus i4.0		
											
	79.350.xx	Balancing rings	For fine-balancing of all tool holders with cylindrical outer diameter (see p. 657)	○	○	○	○	○	○	○	○
	80.207.01	Precision scale	For highly precise weighing of balancing weights	○	○	○	○	○	○	○	○
	80.207.12	Software scale integration	Automatic transfer of holder weight from scale	—	○	○	○	○	○	○	○
	80.207.10	Tool scale	Measures the weight of the tool holder, optional direct transfer into the Balancing Software (see option 80.207.12)	○	○	○	○	○	○	○	○
	80.215.02	Laser printer for balancing reports	Laser printer with Ethernet port to print out a detailed balancing report (together with option 80.214.00)	○	○	○	○	○	○	○	○
	80.206.00	Set of calibration magnets	Calibration magnets for testing, training, and demonstration purposes	○	○	○	○	○	○	○	○
	90.101.20.02	Product training	The training is obligatory for future warranty claims	○	○	○	○	○	○	○	○
	80.243.01	Grinding wheel edge finder	Easy edge measurement for grinding wheels	—	—	—	—	—	—	○	—
	80.230.00	Calibration tube	For the calibration and testing of every balancing machine with the help of a defined mass	○	○	○	○	○	○	○	○
	80.228.02.04.3	Support arm for tool scale	Optional desk for tool scale	—	○	○	○	○	○	—	○
	80.245.13	Export measuring results	Software to export measuring results	—	○	○	○	○	○	○	○
	80.215.05	Label printer "Dymo"	Printout of a label with the measuring results (short report); USB interface (80.245.06 required)	—	—	—	○	○	○	○	○

● included ○ optional — not available