

Successfully tested type of banknote handling machines

Customer-operated machines

Last updated: 2024/12/27

Identification number of the machine	Machine name	Machine category	Identification (hardware/software version)	Contact details of manufacturer	Machine process the following denominations of euro banknotes	Date of test	Machine equipped with fitness sorting capacity	Version of the test deck used in the test
210000189648	Loomis Pay Coin Dispenser Machine	CDM	EU6601/SW DATASET NVS0091201013006/SW FIRMWARE	Momo Fintech, S.L.U. Avenida de la Ciencia, 2 planta 3º 18006 Granada Spain	ES1 5€ ES1 10€ ES1 20€ ES1 50€ ES1 100€ ES1 200€ ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2023/12/21	No	61
206000195833 206000195844 206000195855	Series 100, Model 20 Series 100, Model 21 Series 100, Model 22	CRM	HW: GBRU/GBNA with BV100E SW: EU7602	Fujitsu Frontech Limited 1776 Yanokuchio Inagi-shi Tokyo www.fujitsu.com/jp/group/frontech/en	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/04/15	Yes	62

Identification number of the machine	Machine name	Machine category	Identification (hardware/software version)	Contact details of manufacturer	Machine process the following denominations of euro banknotes	Date of test	Machine equipped with fitness sorting capacity	Version of the test deck used in the test
206000195866 206000195877 206000195888 206000197301	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R Serie 8000, Model TN100	CRM	HW: GBRU/GBNA with BV100E SW: EU7602	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/04/15	Yes	62
206000196377 206000196388 206000196399	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R	CRM	HW: GBRU/GBNA with GBVM SW: EU7602	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/04/16	Yes	62
206000195899	Serie 9000, Model F9000	CRM	HW: GBRU/GBNA with BV100E SW: EU7602	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/04/15	Yes	62
207000196573 207000196584 207000196595	Series 100, Model 20 Series 100, Model 21 Series 100, Model 22	CCM	HW: G60 with BV10 SW: EU41AA	Fujitsu Frontech Limited 1776 Yanokuchio Inagi-shi Tokyo www.fujitsu.com/jp/group/frontech/en	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/04/16	Yes	62

Identification number of the machine	Machine name	Machine category	Identification (hardware/software version)	Contact details of manufacturer	Machine process the following denominations of euro banknotes	Date of test	Machine equipped with fitness sorting capacity	Version of the test deck used in the test
206000198391 206000198404 206000198415	Series 100, Model 20 Series 100, Model 21 Series 100, Model 22	CRM	HW: GBRU/GBNA with BV100E SW: EU7604	Fujitsu Frontech Limited 1776 Yanokuchio Inagi-shi Tokyo www.fujitsu.com/jp/group/frontech/en	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/07/17	Yes	62
206000198426 206000198437 206000198448 206000198459	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R Serie 8000, Model TN100	CRM	HW: GBRU/GBNA with BV100E SW: EU7604	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/07/17	Yes	62
206000198460 206000198471 206000198482	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R	CRM	HW: GBRU/GBNA with GBVM SW: EU7604	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/07/17	Yes	62
206000198493	Serie 9000, Model F9000	CRM	HW: GBRU/GBNA with BV100E SW: EU7604	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/07/17	Yes	62

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210000201586	MGDISPENSER	CDM	Hw: MGD1.3 Sw: 131	Money Guard, S.L. Calle Cristóbal Bordiú, 54 28003 Madrid Spain www.moneyguard.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	2024/10/04	No	62
206000205345 206000205356 206000205367 206000205378	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R Serie 8000, Model TN100	CRM	HW: GBRU/GBNA with BV100E SW: EU7605	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	09/12/2024	Yes	62
206000205243 206000205470 206000205481	Serie 9000, Model 8148 Serie 9000, Model 8048R Serie 9000, Model 8028R	CRM	HW: GBRU/GBNA with BV100E SW: EU7605	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	09/12/2024	Yes	62
206000205425 206000205436 206000205447	Serie 8000, Model 8148 Serie 8000, Model 8048R Serie 8000, Model 8028R	CRM	HW: GBRU/GBNA with GBVM SW: EU7605	Denso Ten España, S.A. Calle César Vallejo, nº 16 29004 Málaga Spain www.ftesa.es	ES1 All Denominations ES2 5€ ES2 10€ ES2 20€ ES2 50€ ES2 100€ ES2 200€	11/12/2024	Yes	62

Footnote

The manufacturer has declared that the machine(s) mentioned between brackets has/have the same performance regarding the tested functionality (authenticity/fitness/tracing ability).

Explanations

Prior to testing, manufacturers are requested to provide the following information to the Banco de España:

1. Country of origin (if not an EU Member State) of the machine,
2. Manner of note insertion, i.e. automated/batch processing or manual feeding; according to the framework only machines with automated processing are tested according to this test procedure,
3. Information on whether the machine complies with any national or Community health and safety legislation; if so, which,
4. Indication of which banknote denominations and banknote feeding orientations the machine is designed to support and whether information on this is shown clearly on the machine,
5. Statement concerning which authentication features, as specified by the company, the machine is checking and how these checks are carried out,
6. User manual; if the user manual is not in the official languages of the Member State of the NCB which is conducting the test, other similar information needed for operating the machine shall be provided, Information on whether the user manual or other instructions given to the user indicate (a) how, and (b) how frequently the machine needs to be serviced (e.g. cleaning of sensors) in order to function reliably, Information on whether the machine can be adapted to detect new counterfeits, and if so, how this is achieved and how this can be verified by the user,
7. Information on how the fitness sorting thresholds can be changed, and
8. Information on the machine's power supply.

Disclaimer

- i. The counterfeit euro banknotes used in the test are, to the best of the knowledge of the ECB and the NCBs, those most commonly found in circulation in the euro area at the time of the update of the test deck used in the test. Since the ECB and the NCBs cannot foresee or exclude the possibility of new types of counterfeits appearing after the update of the test deck used, it is the responsibility of the manufacturers to regularly re-test the various types of machines. Furthermore, it is the responsibility of distributors and users of the machines to have the authentication devices integrated in their machines periodically updated in order to detect new counterfeits.
- ii. To the extent permitted by applicable law, the ECB and the NCBs do not accept any liability whatsoever for any direct or indirect damage resulting from the performance of the tests, the publication, non-publication or removal from the Internet of the test results, or for the tests' outcomes.
- iii. The published test results neither contain, nor imply, any recommendation by the ECB or the NCBs that third parties should or should not use the type of machine tested.

- iv. This statement does not imply any warranty by the ECB or the NCBs, whether express or implied, that the types of machine tested can detect counterfeit euro banknotes continuously and without error, or concerning their fitness for use, or their purpose irrespective of whether the users of the machine comply with the user requirements or not.