



PRODUCT CERTIFICATION
BODY
Notification of European Commission
NB 1802

CEPROM® S.A.

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accredited for
CERTIFICATION



SR EN ISO/CEI 17065:2013
ACCREDITATION CERTIFICATE
ON 017



EC TYPE-EXAMINATION CERTIFICATE

No. 220-ET-12021.A4

Technical File no. 220-ET-12021.A4/KDT-2021003-A4

Applicant:

**GUANGZHOU
KDT MACHINERY CO., LTD.**
No. 81 Ruixiang Street, Huangpu District,
Guangzhou, China

Manufacturer:

**GUANGZHOU
KDT MACHINERY CO., LTD.**
No. 81 Ruixiang Street, Huangpu District,
Guangzhou, China

Description of product:

Machine type: **ENGRAVING MACHINE**

Models: **See Annex**

Certification procedure: EC Type-Examination

Reference standards: EN ISO 12100:2010, EN 60204-1:2018, EN ISO 19085-3:2021

Based on our assessment we confirm that the product is in accordance with the technical requirements of the above standards and hence fulfils the technical requirements of the

Machinery Directive 2006/42/EC

The manufacturer shall affix the CE marking to each product that is in conformity with those described in this EC type-Examination Certificate, after completion of the EC Declaration of Conformity and in accordance with the above directive.

This certificate is only valid for the product and configuration described (annex), in conjunction with the detailed test data and with all applicable legal requirement for the product.

Maintaining certification is based on compliance with the requirements of certification contract.

Annex: Product identification – 11 pages

Issuing Date: 16.07.2021

Update: 04.07.2025

Expiry Date: 15.07.2026



EUROPEAN UNION
Satu Mare, ROMANIA

GENERAL MANAGER

eng. Cristian SOPONOS



CEPROM-CERT Manager

eng. Vasile ZELE

E.S.

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PRODUCT CERTIFICATION
BODY

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ANNEX

to the EC type Examination Certificate No. 220-ET-12021.A4

PRODUCT IDENTIFICATION

The Product:

ENGRAVING MACHINE

*models:

**KN-3713D, N-3710D, KN-3710DPC, KN-3713DPC, KN-3409LP,
KN-3409DPC, KN-3713DE, KN-3710DE, KN-3612DE, KN-3510DE,
KN-3409DE, KN-3710E, KN-3409L, KN-5516P, KN-5510P, KN-6516C,
KN-6410C, KN-6410NC, KD-812HA, KD-868HA, KD-612KHS, A,
KD-612KHSZA, KD-612KSZA, KD-612T, KD-612KHSZ, KD-612KZ,
KD-612KHZ, KD-612GH, KD-612KHS, KD-612KS, KD-612KH,
KD-610HZ, TF600KT, KD-610NH, KD-610NHZ, KD-612NH,
KD-612NS, KD-612NHS, KD-612NZ, KD-612NHZ, KD-612NHSZ,
KD-612TH, KD-612NHSA, KD-612NHSZA, KD-612NCHSD,
KD-612NCSD, KHM-660B, KHM-626, KHM-680, KHM-630**

*type assessed:

KN-3713D, Serial no. 5713210500151

*manufactured by:

GUANGZHOU KDT MACHINERY CO., LTD.

*headquarters address: *No. 81 Ruixiang Street, Huangpu District, Guangzhou, China*

*place of manufacture: *No. 81 Ruixiang Street, Huangpu District, Guangzhou, China*

*domain of use: *This machine is mainly used for the routing, blanking of various types of artificial panel, solid wood panel, semi-solid wood panel.*

Technical File content:

- *General description of the machinery;*
- *Specification with the constructive and functional characteristics;*
- *General drawing and drawings of the control circuits;*
- *Full detailed drawings required to check the conformity;*
- *Stability calculations;*
- *The documentation on risk assessment;*
- *The list of standards used;*
- *Technical report giving the results of the test;*
- *Instruction manual;*
- *Declaration of conformity;*
- *The internal measures implemented to ensure machinery conformity with MD.*

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

<i>Model</i>	<i>M.U.</i>	<i>KN-3710D</i>	<i>KN-3713D</i>	<i>KN-3710DPC</i>	<i>KN-3713DPC</i>	<i>KN-3409LP</i>
<i>Total Power</i>	<i>kW</i>	32.8	32.8	35.6	35.6	23.5
<i>Machine Size (LxWxH)</i>	<i>mm</i>	4500*3350* 2415	5660*3350* 2415	4600*3790* 2650	5760*3790* 2650	4080*2490* 2160
<i>Spindle Power</i>	<i>kW</i>	13.2	13.2	13.2	13.2	12
<i>Drill heads</i>	-	10V	10V	10V	10V	-
<i>Tools numbers</i>	-	12	12	16	16	12
<i>Table Size</i>	<i>mm</i>	3100*2150	4260*2150	3100*2210	4260*2210	2850*1260
<i>Working size</i>	<i>mm</i>	3100*2150* 100	4260*2150* 100	3100*2210* 225	4260*2210* 225	2850*1260* 60
<i>Max Moving Speed X/Y/Z</i>	<i>m/min</i>	80/80/30	80/80/30	80/80/30	80/80/30	100/100/30
<i>Vacuum capacity</i>	<i>m³/h</i>	244*2	244*2	244*2	244*2	244
<i>Servo power X/Y/Z</i>	<i>kW</i>	1.5*2/1.5/1.5	1.5*2/1.5/1.5	2*2/2/2	2*2/2/2	1.5*2/1.5/1.5
<i>Pressure</i>	<i>MPa</i>	0.65	0.65	0.65	0.65	0.65
<i>Voltage</i>	<i>Vac</i>	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KN-3409DPC	KN-3713DE	KN-3710DE	KN-3612DE	KN-3510DE
Total Power	kW	30.1	31.6	31.6	31.6	31.6
Machine Size (LxWxH)	mm	4260*2430* 2415	5660*3350* 2415	4500*3350* 2415	5100*3025* 2415	4500*2765* 2415
Spindle Power	kW	13.2	12	12	12	12
Drill heads	-	10V	10V	10V	10V	10V
Tools numbers	-	16	12	12	12	12
Table Size	mm	2860*1260	4260*2150	3100*2150	3700*1830	3100*1570
Working size	mm	2860*1260* 225	4260*2150* 100	3100*2150* 100	3700*1830* 100	3100*1570* 100
Max Moving Speed X/Y/Z	m/min	80/80/30	80/80/30	80/80/30	80/80/30	80/80/30
Vacuum capacity	m ³ /h	244	244*2	244*2	244*2	244*2
Servo power X/Y/Z	kW	2*2/2/2	1.5*2/1.5/1.5	1.5*2/1.5/1.5	1.5*2/1.5/1.5	1.5*2/1.5/1.5
Pressure	MPa	0.65	0.65	0.65	0.65	0.65
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KN-3409DE	KN-3710E	KN-3409L	KN-5516P	KN-5510P
Total Power	kW	26.1	29.4	23.5	28	28
Machine Size (LxWxH)	mm	4260*2430* 2415	4500*3350* 2415	4260*2430* 2485	7830*4365* 3100	5930*4365* 3100
Spindle Power	kW	12	12	12	12	12
Drill heads	-	10V	-	-	PD 12V8H1S	PD 12V8H1S
Tools numbers	-	12	12	12	22+16+5+1	22+16
Table Size	mm	2860*1260	3100*2150	2860*1260	-	-
Working size	mm	2860*1260* 80	3100*2150* 100	2860*1260* 50	5150*1500* 200	3250*1500* 200
Max Moving Speed X/Y/Z	m/min	100/100/30	80/80/30	100/100/30	80/80/25	80/80/25
Vacuum capacity	m ³ /h	244	244*2	244	244	244
Servo power X/Y/Z	kW	1.5*2/1.5/1.5	1.5*2/1.5/1.5	1.5*2/1.5/1.5	1*2/1/1	1*2/1/1
Pressure	MPa	0.65	0.65	0.65	0.65	0.65
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KN-6516C	KN-6410C	KN-6410NC	KD-812HA	KD-868HA
Total Power	kW	26.3	25.3	24.4	59.5	59.5
Machine Size (LxWxH)	mm	7830*3530* 2500	5055*3090* 2715	5055*3090* 2715	8132*4920* 2190	8132*4300* 2190
Spindle Power	kW	13.2	13.2	12	2*5.5+2*3.5	2*5.5+2*3.5
Drill heads	-	PD 12V8H1S	PD 12V8H1S	PD 12V8H1S	Upper drill: 52V+24H+2S Bottom drill: 18V	Upper drill: 52V+24H+2S Bottom drill: 18V
Tools numbers	-	16	16	16	100	100
Table Size	mm	-	-	-	-	-
Working size	mm	5150*1500* 200	3250*1250* 200	3250*1250* 200	Panel Length : 200↔2800	Panel Length : 200↔2800
Max Moving Speed X/Y/Z	m/min	80/80/30	80/75/30	80/40/30	140/90/50	140/90/50
Vacuum capacity	m ³ /h	129	129	129	900 L/min	900 L/min
Servo power X/Y/Z	kW	1.3*2/1.3/1.3	1.8/1.3/1.3	2.0/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.65	0.65	0.65	0.6	0.6
Voltage	Vac	380	380	380	380	380

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ANNEX

to the EC type Examination Certificate No. 220-ET-12021.A4

PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KD-612KHSA	KD-612KHSZA	KD-612KSZA	KD-612T	KD-612KHSZ
Total Power	kW	30.12	30.12	30.12	31.92	28.22
Machine Size (LxWxH)	mm	8269*3650* 2190	8269*3830* 2190	8269*3830* 2190	7638*2855* 2190	7638*3140* 2190
Spindle Power	kW	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5
Drill heads	-	Upper drill: 26V+12H+1S Bottom drill: 9V	Upper drill: 26V+12H+1S Bottom drill: 9V	Upper drill: 26V+12H Bottom drill: 9V	Upper drill: 26V+18H Bottom drill: 18V	Upper drill: 26V+12H+1S Bottom drill: 9V
Tools numbers	-	50	50	50	64	50
Table Size	mm	-	-	-	-	-
Working size	mm	Panel Length : 200↔2800	Panel Length : 200↔2800	Panel Length : 200↔2800	Panel Length : 70↔3000	Panel Length : 70↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	140/90/50	140/90/50	140/90/50	140/90/50
Vacuum capacity	L/min	450	450	450	450	450
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KD-612KZ	KD-612KHZ	KD-612GH	KD-612KHS	KD-612KS
Total Power	kW	23.02	23.02	36.27	28.22	28.22
Machine Size (LxWxH)	mm	7638*2960* 2190	7638*2960* 2190	7638*3360* 2190	7638*2855* 2190	7638*2855* 2190
Spindle Power	kW	5.5+3.5	5.5+3.5	5.5+9+2*3.5	5.5+3.5	5.5+3.5
Drill heads	-	Upper drill: 12V+8H Bottom drill : 9V	Upper drill: 12V+8H+1S Bottom drill: 9V	Upper drill: 12V+8H+1S Bottom drill: 9V	Upper drill : 26V+12H+1S Bottom drill : 9V	Upper drill : 26V+12H Bottom drill : 9V
Tools numbers	-	31	32	34	50	49
Table Size	mm	-	-	-	-	-
Working size	mm	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	140/90/50	140/90/30	140/90/50	140/90/50
Vacuum capacity	L/min	450	450	450	450	450
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KD-612KH	KD-610HZ	TF600KT	KD-610NH	KD-610NHZ
Total Power	kW	22.65	21.9	21.9	21.9	21.9
Machine Size (LxWxH)	mm	7638*2620* 2190	7088*2660* 2190	4475*2660* 2190	7088*2277* 2190	7088*2660* 2190
Spindle Power	kW	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5
Drill heads	-	Upper drill : 12V+8H+1S Bottom drill : 9V	Upper drill : 12V+8H+1S Bottom drill : 9V	Upper drill : 12V+8H+1S Bottom drill : 9V	Upper drill : 12V+8H+1S Bottom drill : 9V	Upper drill : 12V+8H+1S Bottom drill : 9V
Tools numbers	-	32	32	32	32	32
Table Size	mm	-	-	-	-	-
Working size	mm	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	140/90/50	140/90/50	140/90/50	140/90/50
Vacuum capacity	L/min	450	260	260	260	260
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KD-612NH	KD-612NS	KD-612NHS	KD-612NZ	KD-612NHZ
Total Power	kW	22.65	28.22	28.22	23.02	23.02
Machine Size (LxWxH)	mm	7638*2620* 2190	7638*2855* 2190	7638*2855* 2190	7638*2960* 2190	7638*2960* 2190
Spindle Power	kW	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5
Drill heads	-	Upper drill: 13V+10H+1S Bottom drill: 9V	Upper drill: 26V+18H Bottom drill: 9V	Upper drill: 26V+18H+1S Bottom drill: 9V	Upper drill: 13V+10H Bottom drill: 9V	Upper drill: 13V+10H+1S Bottom drill: 9V
Tools numbers	-	35	55	56	34	35
Working size	mm	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 70↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	140/90/50	140/90/50	140/90/50	140/90/50
Vacuum capacity	L/min	260	450	450	450	450
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product: **ENGRAVING MACHINE**

*constructive and functional characteristics:

Model	M.U.	KD-612NHSZ	KD-612TH	KD-612NHSA	KD-612NHSZA	KD-612NCHSD
Total Power	kW	28.22	31.92	30.12	30.12	37.22
Machine Size (LxWxH)	mm	7638*3140* 2190	7638*2855* 2190	8269*3650* 2190	8269*3830* 2190	7638*3450* 2190
Spindle Power	kW	5.5+3.5	5.5+3.5	5.5+3.5	5.5+3.5	5.5+6+2*3.5
Drill heads	-	Upper drill: 26V+18H+1S Bottom drill: 9V	Upper drill: 26V+18H+1S Bottom drill: 18V	Upper drill : 26V+18H+1S Bottom drill : 9V	Upper drill : 26V+18H+1S Bottom drill : 9V	Upper drill : 26V+16H+1S Bottom drill : 9V
Tools numbers	-	56	65	56	56	56
Table Size	mm	-	-	-	-	-
Working size	mm	Panel Length : 70↔3000	Panel Length : 70↔3000	Panel Length : 200↔2800	Panel Length : 200↔2800	Panel Length : 70↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	140/90/50	140/90/50	140/90/50	140/90/50
Vacuum capacity	L/min	450	450	450	450	450L
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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PRODUCT IDENTIFICATION

The Product:

ENGRAVING MACHINE

*constructive and functional characteristics:

Model	M.U.	KD-612NCSD	KHM-660B	KHM-626	KHM-680	KHM-630
Total Power	kW	37.22	35.3	16.5	39.2	20.25
Machine Size (LxWxH)	mm	7638*3450* 2190	5275*3250* 1975	4085*2440* 1400	5570*3700* 2755	3785*2495* 2090
Spindle Power	kW	5.5+6+2*3.5	Vertical spindle: 6+1.5	Hinge spindle: (1.5+0.75)*3	Door lock and Hinge processing spindle: 6+2.2 Vertical machining spindle: 9 Saw blade machining spindle: 5.5 +1.5	Door lock processing spindle: (6+1.5)*2
Drill heads	-	Upper drill: 26V+16H Bottom drill: 9V	milling cutter: ø18+ø12+ø3	milling cutter: ø12+ø3	milling cutter: ø18+ø12+ø3 saw blade: 350*ø30+ ø120*ø22	milling cutter: ø18+ø12+ø3
Tools numbers	-	55	-	-	12	-
Working size	mm	Panel Length : 70↔3000	Panel Length : 1800↔3000	Panel Length : 1800↔3000	Panel Length : 1800↔3000	Panel Length : 1800↔3000
Max Moving Speed X/Y/Z	m/min	140/90/50	76/75/60	76/80/40	76/76/40	76/30/15
Vacuum capacity	L/min	450	400	400	400	400
Servo power X/Y/Z	kW	1.5/1.5/1.5	1.5/1.5/1.5	1/1/1	1.5/1.5/1.5	1.5/1.5/1.5
Pressure	MPa	0.6	0.6	0.6	0.6	0.6
Voltage	Vac	380	380	380	380	380

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