



PRODUCT CERTIFICATION
BODY

Notification of European Commission

NB 1802



CEPROM® S.A.

440240 Satu Mare, str. Fântânele, No. 23/A, Romania

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accredited for
CERTIFICATION



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

EC TYPE-EXAMINATION CERTIFICATE

No. 371-ET-12024

Technical File no. 371-ET-12024/KDT-2024001-A1

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: **PANEL SAW**

Models: **See Annex**

Certification procedure: EC Type-Examination

Reference standards: EN ISO 12100:2010, EN 60204-1:2018, EN 19085-2:2021

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 – 7 pages

Issuing Date: 01.01.2024

Expiry Date: 31.12.2028



EUROPEAN UNION
Satu Mare, ROMANIA

GENERAL MANAGER

eng. Cristian SOPONOS



CEPROM-CERT Manager

eng. Vasile ZELE

E.S.

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ANNEX

to the EC type Examination Certificate No. 371-ET-12024

PRODUCT IDENTIFICATION

The Product:

PANEL SAW

*models:

KS-842CP, KS-842L, KS-843H, KS-832H, KS-843HM, KS-832HM, KS-843D, KS-832C, KS-832D, KS-828C, KS-828CT, KS-828D, KS-828DT, KS-843DT, KS-832DT, KS-138PV, KS-138K, KS-132PV, KS-132K, KS-132C, KS-138, MS320L, MS320, MS320G, MS450, MS450L, XY450L, XY450, AS450R, ST320, ST320OPTI, KS-843HLM, KS-843L, KS-843HL, KS-542HL, KS-543HL, KS-4522HLS, KS-538H, KS-543H, KS-833L, KS-833LL, KS-543HM, KHM-550, KHM-560, KHM-560P, KHM-550S, KHM-550B

*type assessed:

KS-842CP, Serial no. 3832210601731

*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 used for plate cutting in mass production for plate - type furniture.**

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: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-842CP	KS-842L	KS-843H	KS-832H
Max. cutting size	mm	4280x4280x90/120	4280x4280x120	4280x4280x90/120	3180x3180x90/120
Total Power	kW	28	35	34.5	34.5
Dimensions	mm	7795x6595x1960	9755x6595x1960	9420x6595x2030	7750x5495x2030
Main Blade Size	mm	Ø400x75/Ø450	Ø450x75	Ø400x75/Ø450	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	95	95	95	95
Max. Return speed	m/min	120	120	120	120
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	15/18.5	18.5	18.5	18.5
Scoring Saw Blade Motor Power	kW	1.5	1.5	2.2	2.2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	KS-843HM	KS-832HM	KS-843D	KS-832C
Max. cutting size	mm	4280x4280x90/120	3180x3180x90/120	4280x4280x90/120	3180x3180x90/120
Total Power	kW	34.5	34.5	33	28
Dimensions	mm	10025x6595x2030	8355x5495x2030	8075x6595x2030	6415x5560x1960
Main Blade Size	mm	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	95	95	95	95
Max. Return speed	m/min	120	120	120	120
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	18.5	18.5	18.5	15/18.5
Scoring Saw Blade Motor Power	kW	2.2	2.2	2.2	1.5
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-832D	KS-828C	KS-828D	KS-828DT
Max. cutting size	mm	3180x3180x90/120	2830x2830x90/120	2830x2830x90/12	2830x2830x90/12
Total Power	kW	33	25	25	25
Dimensions	mm	6405x5495x2030	6390x5145x1960	6390x5145x2030	6390x5145x2030
Main Blade Size	mm	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	95	95	95	95
Max. Return speed	m/min	120	120	120	120
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	18.5	15/18.5	18.5	18.5
Scoring Saw Blade Motor Power	kW	2.2	1.5	2.2	2.2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	KS-538H	KS-843DT	KS-543H	KS-832DT
Max. cutting size	mm	3830x3830x90/120	4280x4280x90/120	4280x4280x90/120	3180x3180x90/120
Total Power	kW	54	33	47	33
Dimensions	mm	8010x7120x2030	8075x6595x2030	8600x7570x2030	6405x5495x2030
Main Blade Size	mm	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	150	95	150	95
Max. Return speed	m/min	200	120	200	120
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	22	18.5	22	18.5
Scoring Saw Blade Motor Power	kW	2.2	2.2	2.2	2.2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-833L	KS-138PV	KS-132PV	KS-138K
Max. cutting size	mm	3330x3330x120	3720x3200x80/100	3120x3200x80/100	3720x3200x80/100
Total Power	kW	35.5	7.2	7.2	7.2
Dimensions	mm	7860x5645x2030	7912x5033x1650	6712x5033x1650	7912x5033x1600
Main Blade Size	mm	Ø450x75	Ø300/Ø350x30	Ø300/Ø350x30	Ø300/Ø350x30
Scoring saw blade size	mm	Ø200x50	Ø120x22	Ø120x22	Ø120x22
Max. Sawing speed	m/min	95	-	-	-
Max. Return speed	m/min	120	-	-	-
Max. Feeding Speed	m/min	95	-	-	-
Main Blade Motor Power	kW	18.5	5.5	5.5	5.5
Scoring Saw Blade Motor Power	kW	2.2	1.1	1.1	1.1
Feeding Motor	kW	2	-	-	-
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	KS-132K	KS-138	KS-132C	KS-833LL
Max. cutting size	mm	3120x3200x80/100	3720x3200x80/100	3120x3200x80/100	3330x3330x120
Total Power	kW	7.2	6.7	6.7	35.5
Dimensions	mm	6712x5033x1600	7912x4860x1250	6912x4860x1250	9015x5645x2030
Main Blade Size	mm	Ø300/Ø350x30	Ø300/Ø350x30	Ø300/Ø350x30	Ø450x75
Scoring saw blade size	mm	Ø120x22	Ø120x22	Ø120x22	Ø200x50
Max. Sawing speed	m/min	-	-	-	95
Max. Return speed	m/min	-	-	-	120
Max. Feeding Speed	m/min	-	-	-	95
Main Blade Motor Power	kW	5.5	5.5	5.5	18.5
Scoring Saw Blade Motor Power	kW	1.1	1.1	1.1	2.2
Feeding Motor	kW	-	-	-	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	MS320L	MS320	MS320G	KS-543HM
Max. cutting size	mm	3180x3180x120	3180x3180x90/120	3180x3180x90/120	4280x4280x120
Total Power	kW	37	28	29	47
Dimensions	mm	8975x5495x1960	6715x5495x1960	6715x5495x1960	9080x7570x2030
Main Blade Size	mm	Ø450x75	Ø450x75/Ø450	Ø450x75/Ø450	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	95	95	95	150
Max. Return speed	m/min	120	120	120	200
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	18.5	15/18.5	15/18.5	22
Scoring Saw Blade Motor Power	kW	1.5	1.5	1.5	2.2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	MS450	MS450L	XY450L	KS-828CT
Max. cutting size	mm	4480x4480x90/120	4480x4480x120	4480x4480x120	2830x2830x90/120
Total Power	kW	29	35	39	25
Dimensions	mm	8255x6795x1960	9755x6795x1960	12755x6795x1960	6785x5145x1960
Main Blade Size	mm	Ø400x75/Ø450	Ø450x75	Ø450x75	Ø400x75/Ø450
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	95	95	120	95
Max. Return speed	m/min	120	120	150	120
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	15/18.5	18.5	18.5	15/18.5
Scoring Saw Blade Motor Power	kW	1.5	1.5	1.5	1.5
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	XY450	AS450R	ST320	ST320OPTI
Max. cutting size	mm	4480x4480x90/120	4480x4480x120	3120x3200x80/100	3120x3200x80/100
Total Power	kW	35.5	94	7.2	7.2
Dimensions	mm	10025x6795x1960	11800x15030x2030	6712x5033x160	6712x5033x1650
Main Blade Size	mm	Ø400x75/Ø450	Ø450x75	Ø300x30/Ø350	Ø300x30/Ø350
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø120x22	Ø120x22
Max. Sawing speed	m/min	95	120	-	-
Max. Return speed	m/min	120	150	-	-
Max. Feeding Speed	m/min	95	95	-	-
Main Blade Motor Power	kW	18.5	30	5.5	5.5
Scoring Saw Blade Motor Power	kW	1.5	2.2	1.1	1.1
Feeding Motor	kW	2	2	-	-
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	KS-843HLM	KS-843L	KS-843HL	KS-542HL
Max. cutting size	mm	4280x4280x120	4280x4280x120	4280x4280x120	4280x4280x120
Total Power	kW	39.5	35.5	38.5	52
Dimensions	mm	12755x6595x2030	9755x6595x2030	12755x6595x2030	12970x7570x2030
Main Blade Size	mm	Ø450x75	Ø450x75	Ø450x75	Ø450x75
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø200x50	Ø200x50
Max. Sawing speed	m/min	120	95	120	150
Max. Return speed	m/min	150	120	150	200
Max. Feeding Speed	m/min	95	95	95	95
Main Blade Motor Power	kW	18.5	18.5	18.5	22
Scoring Saw Blade Motor Power	kW	2.2	2.2	2.2	2.2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6	0.6	0.6	0.6

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-543HL	KS-4522HLS	KHM-550	KHM-560
Max. cutting size	mm	4280x4280x120	4480x4480x120	3000x1100x160	2500x1100x60
Total Power	kW	52	94	41.5	53.2
Dimensions	mm	12970x7570x2030	11800x15030x2030	5120x2700x2386	5737x3226x2250
Main Blade Size	mm	Ø450x75	Ø450x75	Ø300x50	Ø300x50
Scoring saw blade size	mm	Ø200x50	Ø200x50	Ø120x30	Ø120x30
Max. Sawing speed	m/min	150	120	40	40
Max. Return speed	m/min	200	150	-	-
Max. Feeding Speed	m/min	95	95	-	-
Main Blade Motor Power	kW	22	30	3x7.5	4x7.5
Scoring Saw Blade Motor Power	kW	2.2	2.2	3x1.5	4x1.5
Feeding Motor	kW	2	2	-	-
Working Pressure	MPa	0.6	0.6	0.6	0.6

Model	M.U.	KHM-560P	KHM-550S	KHM-550B
Max. cutting size	mm	2500x1100x60	2500x1100x60	2500x1100x60
Total Power	kW	52.8	49	35.5
Dimensions	mm	5737x3226x2250	5120x2700x2386	5120x2700x2386
Main Blade Size	mm	Ø300x50	Ø300x50	Ø300x50
Scoring saw blade size	mm	Ø120x30	Ø120x30	Ø120x30
Max. Sawing speed	m/min	40	40	40
Max. Return speed	m/min	-	-	-
Max. Feeding Speed	m/min	-	-	-
Main Blade Motor Power	kW	4x7.5	3x7.5	3x7.5
Scoring Saw Blade Motor Power	kW	4x1.5	3x1.5	3x1.5
Feeding Motor	kW	-	-	-
Working Pressure	MPa	0.6	0.6	0.6

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