



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. 371-ET-12024.A2

Technical File no. 371-ET-12024.A2/KDT-2024001-A3

Applicant:

**GUANGZHOU KDT MACHINERY
GROUP CO., LTD.**

No. 81 Ruixiang Street, Huangpu District,
Guangzhou, China

Manufacturer:

**GUANGZHOU KDT MACHINERY
GROUP 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 – 8 pages

Issuing Date: 01.01.2024

Update: 10.11.2025

Expiry Date: 31.12.2029



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.A2

PRODUCT IDENTIFICATION

The Product:

PANEL SAW

*models:

KS-828D, KS-828DT, KS-832D, KS-832DT, KS-842CP, KS-843D, KS-843DT, KS-838D, KS-838DT, KS-833D, KS-833DT, KS-832HM, KS-843HM, KS-543HM, KS-833L, KS-833LL, KS-843L, KS-833DL, KS-833DLL, KS-838DL, KS-843DL, KS-843DLS, KS-843HLM, KS-543HLM, KS-843HLMS, KS-543HLMS, KS-138K, KS-132PV, KS-132K, KS-132C, KS-138, MS320L, MS320G, MS450, MS450L, XY450L, XY450, ASR450, MS320GL, MS450GL, MS450GLS, XY450LS, ST320, ST3200PTI, KS-4522HLMS, KHM-560, KHM-560P, KHM-550S, KHM-550B, KHM-550C

*type assessed:

KS-842CP, Serial no. 3832210601731

*manufactured by:

GUANGZHOU KDT MACHINERY GROUP 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-828D	KS-828DT	KS-832D
Max. cutting size	mm	4280L*4280W*90/1 20H	2830L*2830W*90/1 20H	2830L*2830W*90/1 20H	3180L*3180W*90/1 20H
Total Power	kW	28 (31.5)	33	33	33
Dimensions	mm	7901L*6656W*189 0H	6375L*5145W*203 0H	6375L*5145W*203 0H	6405L*5495W*203 0H
Main Blade Size	mm	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	15/18.5(Options)	18.5	18.5	18.5
Main Blade Motor Power	kW	1.5	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	KS-832DT	KS-843D	KS-843DT	KS-838D
Max. cutting size	mm	3180L*3180W*90/ 120H	4280L*4280W*90/ 120H	4280L*4280W*90/ /120H	3830L*3830W*9 0/120H
Total Power	kW	33	33	33	33
Dimensions	mm	6405L*5495W*203 0H	8075L*6595W*203 0H	8075L*6595W*20 30H	7595L*6145W*2 030H
Main Blade Size	mm	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	18.5	18.5	18.5
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-838DT	KS-833D	KS-833DT	KS-832HM
Max. cutting size	mm	3830L*3830W*90/1 20H	3330L*3330W*90/1 20H	3330L*3330W*90/1 20H	3180L*3180W*90/1 20H
Total Power	kW	33	33	33	33.5
Dimensions	mm	7595L*6145W*203 0H	6615L*5645W*203 0H	6615L*5645W*203 0H	8355L*5495W*203 0H
Main Blade Size	mm	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450	Ø400*75/Ø450
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	18.5	18.5	18.5
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	KS-843HM	KS-843HLM	KS-843HLMS	KS-543HM
Max. cutting size	mm	4300L*4300W*12 0H	4280L*4280W*12 0H	4280L*4280W*12 0H	4280L*4280W*90/ 120H
Total Power	kW	37 34.5	39.5 40.5	40.5 42	44.5 46
Dimensions	mm	10915L*6730W*1 890H	12755L*6595W*2 030H	13510L*6595W*2 030H	9680L*7570W*20 30H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø450*75	Ø400*75/Ø450
Scoring saw blade size	mm	120	120	120	160
Max. Sawing speed	m/min	150	150	150	200
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	18.5	18.5	22
Main Blade Motor Power	kW	1.5	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	7.5
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-543HLM	KS-543HLMS	KS-833L	KS-833LL
Max. cutting size	mm	4280L*4280W*120 H	4280L*4280W*120 H	3330L*3330W*120 H	3330L*3330W*120 H
Total Power	kW	49.5	50.5	35.5	35.5
Dimensions	mm	12970L*7570W*20 30H	13800L*7570W*20 30H	7860L*5645W*203 0H	8975L*5645W*203 0H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø450*75	Ø450*75
Scoring saw blade size	mm	160	160	95	95
Max. Sawing speed	m/min	200	200	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	22	22	18.5	18.5
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	7.5	7.5	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	KS-833DL	KS-833DLL	KS-838DL	KS-843DL
Max. cutting size	mm	3330L*3330W*120 H	3330L*3330W*120 H	3830L*3830W*120 H	4280L*4280W*12 0H
Total Power	kW	36 36.5	36 36.5	36 36.5	36 36.5
Dimensions	mm	7860L*5645W*203 0H	8975L*5645W*203 0H	9755L*6145W*203 0H	9755L*6595W*20 30H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø450*75	Ø450*75
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	18.5	18.5	18.5
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	KS-843L	KS-843DLS	KS-132PV	KS-138K
Max. cutting size	mm	4280L*4280W*120 H	4280L*4280W*120 H	3120L*3200W*80/1 00H)	3720L*3200W*80/1 00H)
Total Power	kW	35.5	37	7.2	7.2
Dimensions	mm	9755L*6595W*203 0H	10990L*6595W*20 30H	6712L*4860W*165 0H	7912L*4860W*160 0H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø300*30/Ø350	Ø300*30/Ø350
Scoring saw blade size	mm	95	95	/	/
Max. Sawing speed	m/min	120	120	/	/
Max. Return speed	m/min	95	95	/	/
Max. Feeding Speed	m/min	18.5	18.5	5.5	5.5
Main Blade Motor Power	kW	2.2	2.2	1.1	1.1
Scoring Saw Blade Motor Power	kW	2	2	/	/
Feeding Motor	kW	2	2	/	/
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	KS-132K	KS-138	KS-132C	KS-4522HLMS
Max. cutting size	mm	3120L*3200W*80/1 00H)	3720L*3200W*80/1 00H)	3120L*3200W*80/1 00H)	4500L*4500W*120 H
Total Power	kW	7.2	6.7	6.7	96 98
Dimensions	mm	6712L*4860W*160 0H	7912L*4860W*125 0H	6712L*4860W*125 0H	15035L*14030W*2 030H
Main Blade Size	mm	Ø300*30/Ø350	Ø300*30/Ø350	Ø300*30/Ø350	Ø450*75
Scoring saw blade size	mm	/	/	/	120
Max. Sawing speed	m/min	/	/	/	150
Max. Return speed	m/min	/	/	/	95
Max. Feeding Speed	m/min	5.5	5.5	5.5	30
Main Blade Motor Power	kW	1.1	1.1	1.1	2.2
Scoring Saw Blade Motor Power	kW	/	/	/	2
Feeding Motor	kW	/	/	/	2
Working Pressure	MPa	0.6MPa	/	/	0.6MPa

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	MS320L	MS450L	XY450L	MS320G
Max. cutting size	mm	3180L*3180W*120 H	4480L*4480W*120 H	4480L*4480W*120 H	3180L*3180W*90/1 20H
Total Power	kW	35.5	35.5	40	29.5 (33)
Dimensions	mm	8975L*5495W*196 0H	9755L*6795W*196 0H	12755L*6855W*19 60H	6815L*5495W*196 0H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø450*75	Ø400*75/Ø450
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	18.5	18.5	15/18.5(Options)
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	MS320GL	MS450	MS450GL	MS450GLS
Max. cutting size	mm	3180L*3180W*120 H	4480L*4480W*90/1 20H	4480L*4480W*120 H	4480L*4480W*120 H
Total Power	kW	36 36.5	29.5 (33)	36 36.5	37
Dimensions	mm	8975L*5495W*196 0H	8255L*6795W*196 0H	9755L*6795W*196 0H	10990L*6795W*19 60H
Main Blade Size	mm	Ø450*75	Ø400*75/Ø450	Ø450*75	Ø450*75
Scoring saw blade size	mm	95	95	95	95
Max. Sawing speed	m/min	120	120	120	120
Max. Return speed	m/min	95	95	95	95
Max. Feeding Speed	m/min	18.5	15/18.5(Options)	18.5	18.5
Main Blade Motor Power	kW	2.2	2.2	2.2	2.2
Scoring Saw Blade Motor Power	kW	2	2	2	2
Feeding Motor	kW	2	2	2	2
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

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The Product: **PANEL SAW**

*constructive and functional characteristics:

Model	M.U.	XY450	ASR450	XY450LS	ST3200PTI
Max. cutting size	mm	4480L*4480W*120 H	4500L*4500W*120 H	4480L*4480W*120 H	3120L*3200W*80/1 00H)
Total Power	kW	35	96.98	41	7.2
Dimensions	mm	9275L*6855W*196 0H	15035L*14030W*2 030H	12755L*6855W*19 60H	6712L*4860W*165 0H
Main Blade Size	mm	Ø450*75	Ø450*75	Ø450*75	Ø300*30/Ø350
Scoring saw blade size	mm	95	120	95	/
Max. Sawing speed	m/min	120	150	120	/
Max. Return speed	m/min	95	95	95	/
Max. Feeding Speed	m/min	18.5	30	18.5	5.5
Main Blade Motor Power	kW	2.2	2.2	2.2	1.1
Scoring Saw Blade Motor Power	kW	2	2	2	/
Feeding Motor	kW	2	2	2	/
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

Model	M.U.	ST320	KHM-560	KHM-560P	KHM-550S
Max. cutting size	mm	3120L*3200W*80/1 00H)	2500L*1100W*60H	2500L*1100W*60H	3000L*1100W*60H
Total Power	kW	7.2	53.2	52.8	41.6
Dimensions	mm	6712L*4860W*160 0H	5740L*3226W*225 0H	5740L*3226W*225 0H	5086L*2800W*239 6H
Main Blade Size	mm	Ø300*30/Ø350	Ø300*50	Ø300*50	Ø350*30
Scoring saw blade size	mm	/	Ø120*30	Ø120*30	Ø120*22
Max. Sawing speed	m/min	/	20	20	20
Max. Return speed	m/min	/	41	41	41
Max. Feeding Speed	m/min	5.5	20	20	20
Main Blade Motor Power	kW	1.1	7.5	7.5	5.5
Scoring Saw Blade Motor Power	kW	/	1.5	1.5	1.5
Feeding Motor	kW	/	0.37	0.37	0.37
Working Pressure	MPa	0.6MPa	0.6MPa	0.6MPa	0.6MPa

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PRODUCT IDENTIFICATION

The Product: **PANEL SAW**

*constructive and functional characteristics:

<i>Model</i>	<i>M.U.</i>	<i>KHM-550B</i>	<i>KHM-550C</i>
Max. cutting size	mm	3000L*1100W*60H	3000L*1100W*60H
Total Power	kW	34.1	34.1
Dimensions	mm	5086L*2700W*2396H	5086L*2700W*2396H
Main Blade Size	mm	Ø300*30	Ø300*30
Scoring saw blade size	mm	Ø120*22	Ø120*22
Max. Sawing speed	m/min	20	20
Max. Return speed	m/min	41	41
Max. Feeding Speed	m/min	20	20
Main Blade Motor Power	kW	5.5	5.5
Scoring Saw Blade Motor Power	kW	1.5	1.5
Feeding Motor	kW	0.37	0.37
Working Pressure	MPa	0.6MPa	0.6MPa

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