

WOOD



CATALOGUE 2025

WOODWORKING MACHINES

FROM HOME MADE MACHINES TO THE WORLD'S TOP PRODUCERS.



NEARLY **35** YEARS ON THE MARKET



Company HOUFEK a.s. was found by Ing. Jaroslav Houfek in 1991. It originally included a small workshop for the production of simple woodworking machines. Today, the company resides in the town of Golčův Jeníkov, at the very edge of Vysočina region.

Originally, the company produced in particular belt grinders. Technical uniqueness, originality, and quality of the workshop processing resulted in increasing demand for machines made by HOUFEK on the Czech and foreign market, gradually. The growing interest in the machines resulted in greater production volume, and also in systematic expansion of the product range.

The technical concept was completed with managerial skills of his son Aleš Houfek and as a result of his work, the company has experienced a dynamic development since 1993. The result was the production extension with further series of woodworking machines of own construction – wide-belt grinders currently successfully operate in more than 50 countries worldwide.

As soon as in 1996, the company started building new premises and moved there in 2001. And in 2005, it ceremoniously opened another production hall with the participation of recognized business partners and customers; the plant includes new, state of the art production technologies.

On the Czech market, HOUFEK Company has achieved a recognized position in particular due to machines of great technical parameters, reliability, simple operation, and great workshop processing. The right choice of business policy is indicated by sales comprising of 75% export, therefore the machines made by HOUFEK have found their clients in the EU countries, in the USA, and worldwide.

Power is in simple solutions – it is the motto of HOUFEK for the development and construction of the sanders.

BULLDOG 9

WIDE BELT SANDER

F R C P S T D B

Max working width	mm	1350 - 1650
Min. – max. working height	mm	3 – 200 / 300
Feed speed	m/min	3 – 15
Motor	kW	22 / 40
Sanding belt (L x W)	mm	2620 / 3250 x 1370 - 1670
Contact roller diameter	mm	240 / 330
Weight	kg	15000 - 25000



DUPLEX

WIDE BELT SANDER

RR - RR RC - RC RRR - RRR RRC - RRC

Max working width	mm	400 - 910 - 1100 - 1350
Min. – max. working height	mm	10 – 160
Feed speed	m/min	3 – 15
Motor	kW	11 / 22
Sanding belt (L x W)	mm	2620 x 420 / 930 / 1130 / 1370
Contact roller diameter	mm	160
Weight	kg	4850 – 6000



BULDOG 7

WIDE BELT SANDER

R C RR RC FC RRR RRC FRC

Max working width	mm	910 - 1100 - 1350
Min. – max. working height	mm	3 – 160
Feed speed	m/min	3 – 15
Motor	kW	11 -18,5
Sanding belt (L x W)	mm	2620 x 930 - 1120 - 1370
Contact roller diameter	mm	200 - 240
Weight	kg	1250 – 4800



BULDOG 7S

WIDE BELT SANDER

S RS CS RRS RRRS RRSR TCSD

Max working width	mm	1350
Min. – max. working height	mm	3 – 160
Feed speed	m/min	3 – 15
Motor	kW	11 - 22
Sanding belt (L x W)	mm	2620 x 1370
Contact roller diameter	mm	200 - 240
Sanding belt speed	m/s	R 18, S 3 - 12, T 2 - 19
Weight	kg	1250 – 4800



BULDOG 5 WIDE BELT SANDER

R C RR RC RRR RRC

Max. working width	mm	630 - 910 - 1100 - 1350
Min. – max. working height	mm	3 – 160
Feed belt speed	m/min	3 - 15
Motor	kW	7,5 - 15
Sanding belt length	mm	2 200
Sanding belt width	mm	650 - 930 - 1120 - 1370
Contact roller diameter	mm	160
Weight	kg	1000 – 3200



BULDOG 5Plus WIDE BELT SANDER

RC RS CS RRC RRS RCS

Max. working width	mm	1100	1350
Min. – max. working height	mm	3 – 160	3 – 160
Feed belt speed	m/min	3 - 15	3 - 15
Motor	kW	11 - 18,5	11 - 18,5
Sanding belt (L x W)	mm	R,C 2200, S 2620 x 1120	R,C 2200, S 2620 x 1370
Sanding belt speed	m/s	R,C 3 - 18, S 3 - 12	R,C 3 - 18, S 3 - 12
Contact roller diameter	mm	160	160
Weight	kg	2200 - 5000	



BULDOG 5F

WIDE BELT SANDER

FR FC FRR FRC

Max. working width	mm	910	1100	1350
Min. – max. working height	mm	160	160	160
Feed belt speed	m/min	3 - 15	3 - 15	3 - 15
Motor	kW	11 - 18,5	11 - 18,5	11 - 18,5
Sanding belt (L x W)	mm	2200 x 930	2200 x 1120	2200 x 1370
Contact roller diameter	mm	160	160	160
Cutterhead diameter	mm	180	180	180
Weight	kg		2200 - 5000	



BULDOG 3

WIDE BELT SANDER

C RC

Max. working width	mm	650	950	1100
Min. – max. working height	mm	3 - 160	3 - 160	3 - 160
Feed belt speed	m/min	4,5 / 9	4,5 / 9	4,5 / 9
Motor	kW	5,5	7,5	11
Sanding belt (L x W)	mm	1900 x 650	1900 x 950	1900 x 1100
Contact roller diameter	mm	120	120	120
Weight	kg		800 - 1450	



CINDY WIDE BELT SANDER

C RC

Max. working width	mm	300	400
Min. – max. working height	mm	3 – 200	3 – 200
Feed belt speed	m/min	4,5 / 9	4,5 / 9
Motor	kW	5,5	2 × 5,5
Sanding belt (L x W)	mm	1900 x 330	1900 x 430
Contact roller diameter	mm	160	160
Weight	kg	710 – 890	



PONY WIDE BELT SANDER

C

Max. working width	mm	430	630
Min. – max. working height	mm	3 – 160	3 – 160
Feed belt speed	m/min	4,5 / 9	4,5 / 9
Motor	kW	4	5,5
Sanding belt (L x W)	mm	1600 x 450	1600 x 650
Contact roller diameter	mm	120	120
Weight	kg	550 – 582	



FINAL

BRUSHING MACHINE

		DB BB	DBB BBB	DDBB BBBB
Max. working width	mm	1100 / 1350	1100 / 1350	1100 / 1350
Min. – max. working height	mm	3 - 100	3 - 100	3 - 100
Feed belt speed	m/min	3 -15	3 -15	3 -15
Motor	kW	2 x 4	3 x 4	4 x 4
Tool diameter	mm	150 – 300	150 – 300	150 – 300
Spindle speed	rpm/min	1000	1000	1000
Weight	kg		1550 – 4200	

TWINGO 400/600

BRUSHING MACHINE

		1B - 6B	Q
Max. working (W x H)	mm	400/600 x 300	400/600
Feed belt speed	m/min	3 -15	3 -15
Motor	kW	4	2,2
Tool diameter	mm	120 – 300	-
Tool length	mm	300/600	-
Spindle speed	rpm/min	1140	-
Sanding belt (L x W)	mm	-	70 x 1800/2200
Weight	kg	400 - 2600	



A

THICKNESSER

		530	630	800
Work table length	mm	1200	1200	1200
Max. working width	mm	530	630	800
Working height	mm	3 – 300	3 – 300	3 – 300
Feed speed	m/min	4 – 19	4 – 19	4 – 19
Motor	kW	5,5	7,5	11
Cutterhead diameter	mm	120	120	150
Number of knives	pcs	4	4	4
Weight	kg	1020	1110	1380

SP

THICKNESSER

		430	530	630
Work table length	mm	900	900	900
Max. working width	mm	430	530	630
Cutterhead diameter	mm	120	120	120
Working height	mm	3 – 250	3 – 250	3 – 250
Feed speed	m/min	4 / 8	4 / 8	4 / 8
Motor	kW	4	4	5,5
Number of knives	pcs	4	4	4
Weight	kg	600	690	762



R SURFACE PLANER

430 530

Total work table length	mm	3100	3100
Work table length infeed / outfeed	mm	1630 / 1430	1630 / 1430
Cutterhead diameter	mm	120	120
Number of knives	pcs	4	4
Max. material removal	mm	7	7
Motor	kW	5,5	5,5
Weight	kg	610	760

SR SURFACE PLANER

430 530

Work table (L x W)	mm	2700 x 450	2700 x 550
Max. working width	mm	430	530
Cutterhead diameter	mm	120	120
Number of knives	pcs	4	4
Max. material removal	mm	7	7
Motor	kW	4	4
Weight	kg	486	520



SC

COMBINATION PLANER

		430	530
Work table (L x W)	mm	2100 x 450	2300 x 550
Max. working width	mm	430	530
Cutterhead speed	rpm/min	4600	4600
Number of knives	pcs	4	4
Max. depth of cut	mm	5	5
Motor	kW	4	5,5
Tilttable fence	°	0 – 45	0 – 45
Weight	kg	830	910



F 250

SPINDLE MOULDER

		250T	250TS	250TE	250TSE
Work table dimension	mm	1300 × 900	1300 × 900	1300 × 900	1300 × 900
Motor	kW	7,5	7,5	7,5	7,5
Spindle speed using a frequency converter	rpm	3 / 5 / 6 / 8 / 10 ths	3 / 5 / 6 / 8 / 10 ths	-	-
Electrospindle		-	-	•	•
Predefined speed	rpm	-	-	1500 - 24000	1500 - 24000
Rapid tool change system	HSK 63F	-	-	•	•
NC machine control		-	-	15,4"	15,4"
Motorised spindle tilt	°	-±45	±45°	-95° +45°	-95° +45°
Spindle diameter	mm	40	40	40	40
Motorized spindle stroke	mm	200	200	200	200
Side tenoning carriage with rotary base and tenoning guard		-	•	-	•
Weight	kg	950	1350	980	1480



SF 220

SPINDLE MOULDER

		SF 270	SF 270L	SF 270S	SF 220T	SF 220TL	SF220TS
Work table dimension	mm	1000 x 720					
Max. tool diameter	°	270	270	270	220	220	220
Motor	kW	5,5	5,5	5,5	4	4	4
Spindle diameter	mm	30	30	30	30	30	30
Double-sided table extension with sliding bar	mm	-	2 x 600	-	-	2 x 600	-
Side tenoning carriage with fixed base and a rotary ruler ±45° with clamping eccentric		-	-	•	-	-	•
Mechanical spindle tilting -5°/+45°	°	-	-	-	•	•	•
Spindle speed using a frequency converter	rpm	3/5/6/8/10 ths					
Electronic spindle height adjustment with electronic height indicator		•	•	•	•	•	•
Weight	kg	690	790	770	690	790	770



HB 1000

OSCILLATING EDGE SANDER

Sanding belt (L x W)	mm	3200 x 200
Sanding belt speed	m/s	13
Tiltable sanding unit	°	0 – 45
Work table (L x W)	mm	1000 x 400
Exhaust outlet diameter	mm	2 x 120
Motor	kW	3
Weight	kg	566



HBK 3200

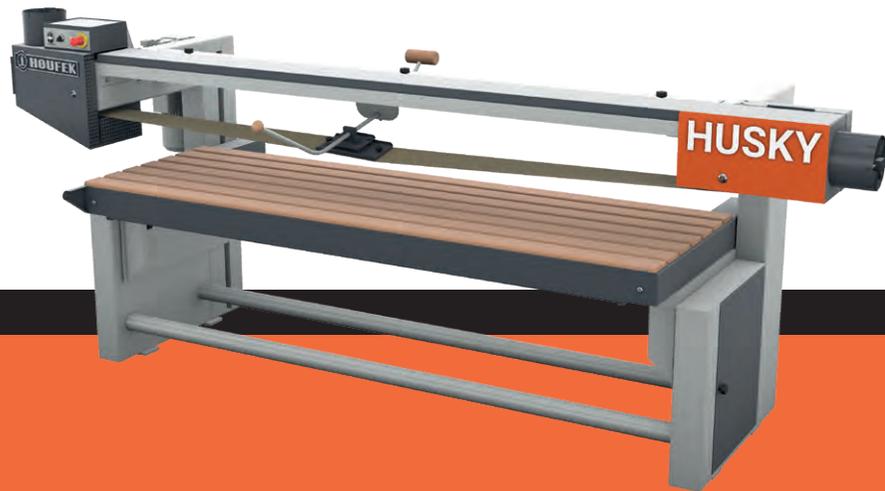
OSCILLATING EDGE SANDER

Sanding belt (L x W)	mm	3200 x 150
Sanding belt speed	m/s	15
Work table (L x W)	mm	2180 x 1015
Exhaust outlet diameter	mm	150
Motor	kW	3
Weight	kg	565



HUSKY BELT SANDER

		2200	2500	3000
Sanding belt length	mm	6200	6800	7800
Sanding belt width	mm	150	150	150
Sanding belt speed	m/s	17	17	17
Max. working width	mm	2200	2500	3000
Horizontal table travel	mm	700	700	700
Motor	kW	3	3	3
Weight	kg	600	605	645



BASSET BELT SANDER

		1000	2200	2500	3000
Sanding belt (L x W)	mm	4000 x 150	6400 x 150	7000 x 150	8000 x 150
Tiltable sanding unit	°	90	90	90	90
Max. working (L x W)	mm	1000 x 800	2200 x 800	2500 x 800	3000 x 800
Table vertical travel	mm	540	540	540	540
Horizontal table travel	mm	700	700	700	700
Motor	kW	3	3	3	3
Weight	kg	490	504	516	530



VD 26

SLOT MORTISER

		R	RL
Max. longitudinal travel, X axis	mm	355	250
Max. cross travel, Y axis	mm	335	330
Spindle stroke, Z axis	mm	250	200
Work table (L x W)	mm	800 x 400	800 x 400
Maximum tool diameter	mm	26	26
Cross table tilt	°	-	±45
Spindle rotation	°	-	±65
Table rotation	°	±45	-
Motor	kW	2,2	2,2
Weight	kg	510	600



VD 20

SLOT MORTISER

		R	RL
Max. longitudinal travel, X axis	mm	340	190
Max. cross travel, Y axis	mm	245	320
Spindle stroke, Z axis	mm	160	160
Tool diameter	mm	20	20
Table dimension	mm	700 x 400	700 x 400
Cross table tilt	°	-	±45
Spindle motion	°	-	±65
Table rotation	°	±45	-
Motor	kW	1,5	1,5
Weight	kg	345	335



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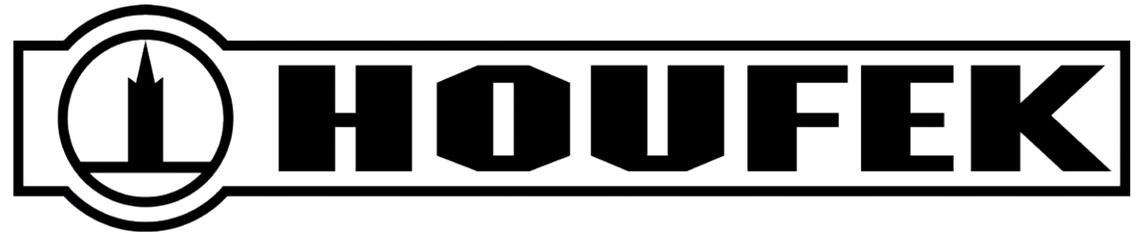
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Application



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