

AIR FILES / AIR SAWS

Fuji FRF series compact Air File & Saws feature reduced vibration and are designed for deburring, filing and cutting of metal, wood, plastic, and fiberglass.
 The FRS-45 Air Saw is equipped with a damper to minimize vibration and, a stroke regulator and blade cooling device. The cutting direction is adjustable to provide optimal operator comfort.



GLOBAL SPECIFICATIONS

Model	Tool Name	Stroke Per Minute SPM	Stroke		Chuck Capacity		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
			mm	in	mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FRF-4-1	File	1600	12	0.47	4x13x20	5/32x1/2x25/32	229	9	0.8	1.7	0.3	9.9	6.3	1/4
FRF-4-2	Saw	1600	12	0.47	2x13x20	5/64x1/2x25/32	229	9	0.8	1.7	0.3	9.9	6.3	1/4
FRS-45	Saw	1200	45	1.77	2.5x17.7x31	3/32x45/64x1 7/32	421	16.6	2.9	6.4	0.4	14.1	8	5/16

Air Inlet Thread Size: PT1/4"

TOOL SELECTION GUIDE

Standard models

Model	Throttle	
	Lever	Locking Lever (F)
FRF-4-1 E	541 205 3371	541 205 3373
FRF-4-2 E	541 205 3375	541 205 3376
FRS-45	541 205 3402	

CE certified models

Model	Throttle	
	Lever	Locking Lever (F)
FRF-4-1F		541 207 2245
FRF-4-2F		541 207 2247
FRS-45	541 207 2280	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Throttle	
	Lever	Locking Lever (F)
FRF-4-1	541 210 2800	
FRS-45	541 205 3403	

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ACCESSORIES

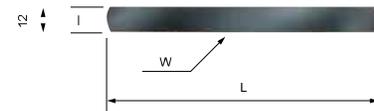
FILE BLADES FOR FRF-4-1, 1F



Model	Tool Name	Part Number	Stroke Per Minute SPM	Stroke mm
1	•FILE-4P	541 205 2955	Pillar	150
2	•FILE-4H	541 205 2954	Half Round	
3	•FILE-4R	541 205 2956	Round	
4	•FILE-4C	541 205 2953	Triangle	
5	•FILE-4S	541 205 2957	Square	

* =Accessories included in FRF-4-1, 1F

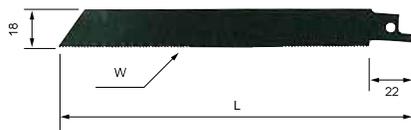
SAW BLADE FOR FRF-4-2, 2F



Model	Part Number	Stroke	
		L mm	mm
•SAW-4	541 205 6223	123	25

* =Accessories included in FRF-4-2, 2F.
 * W =The number of teeth per inch.

SAW BLADES FOR FRS-45



Item n°	Part Number	Size		Cutting Materials
		L mm	W	
SAW-2014	541 205 6216	200	14	steel plate, pipe, copper, brass, plastic, slate
•SAW-2018	541 205 6217	200	18	steel plate, pipe
•SAW-2024	541 205 6218	200	24	steel plate, pipe
•SAW-2514	541 205 6219	250	14	steel plate, pipe, copper, brass, plastic, slate
•SAW-2518	541 205 6220	250	18	steel plate, pipe
•SAW-3014	541 205 6221	300	14	steel plate, pipe, copper, brass, plastic, slate
•SAW-3018	541 205 6222	300	18	steel plate, pipe

* =Accessories included in FRS-45. W =The number of teeth per inch.
 *Using cutting fluid extends life of blade. A mixture of turpentine and kerosene with spindle oil,
 *soapsuds, grease at the rate of 7 to 3 is recommended.

STANDARD ACCESSORIES FOR FRS-45



Item	Part Number	Description
SAW-2018	541 205 6217	Saw Blade (1) (min order unit 10)
SAW-2024	541 205 6218	Saw Blade (1) (min order unit 10)
F-704	541 205 2207	4mm Hex. Pin Wrench (1)
F-706	541 205 2209	6mm Hex. Pin Wrench (1)
AO-30	541 207 0161	Oil (1)
CASE-T431	541 205 1098	Steel Case (1)

CHAMFERING MACHINES

CHAMFERING MACHINES

Fuji Chamfering Machines are powerful and durable. They are ideal for chamfering edges of steel skeleton materials used in various industries such as ship building, bridge and steel frame construction. Pneumatically driven with easily replaceable carbide tips provide uniform and precise chamfering.



FBM-2-1

GLOBAL SPECIFICATIONS

Model	Chamfering Size		Max. Ouput		Rotational Frequency		Height		Weight		Air Consumption (Free Speed)		Air Hose Size	
	mm	W	hp	min ⁻¹	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in		
FBM-2-1 R4	4mm	900	1.2	10000	144	5.7	3.6	7.9	1.2	42.4	9.5	3/8		
FBM-2-1 K	2 - 4mm	900	1.2	10000	144	5.7	3.6	7.9	1.2	42.4	9.5	3/8		
FBM-2-1F R4	4mm	900	1.2	10000	144	5.7	3.7	8.2	1.2	42.4	9.5	3/8		
FBM-2-1F K	2 - 4mm	900	1.2	10000	144	5.7	3.7	8.2	1.2	42.4	9.5	3/8		

Standard models

Model	Throttle	
	Roll	Locking Lever (F)
FBM-2-1 R4	541 210 3288	541 210 3289
FBM-2-1 K	541 210 3316	541 210 3319

CE certified models

Model	Throttle	
	Roll	Locking Lever (F)
FBM-2-1F R4 EC	541 210 4325	
FBM-2-1F K EC	541 210 4324	

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Throttle	
	Roll	Locking Lever (F)
FBM-2-1 R4 N	541 210 3835	541 210 3837
FBM-2-1 K N	541 210 3836	541 210 3838

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

ACCESSORIES

Tips are not supplied with the tool. 3 tips are needed



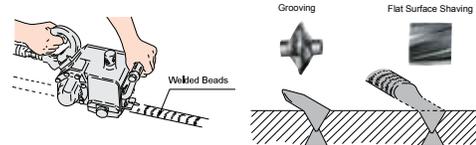
For R cut

For corner cut

Size of chamfering	Description	Item No	Part Number
R2	Tip	X-027-10	541 205 8760
R3	Tip	X-025-003	541 205 8759
R4	Tip	S-181-001	541 210 3831
C2 to C4	Tip	X-027-13	541 205 8762
R2 or C2	Guide Roller	S-173698-01	541 205 6179
R3 or C3	Guide Roller	S-173698-00	541 205 6178
R4 or C4	Guide Roller	S-181698-00	541 210 3247

ALUMINUM MILLING MACHINES

Aluminum Milling Machines are ideal portable tools to remove weld beads flush to the work surface and "V" grooving for aluminum welds milling type rotary cutters. The high power motor supplied with speed control governor provides smooth milling. The tools feature easy depth adjustments, chip blowing, milling cutter cooling, slow start throttle, and center guide with roller for easy operation.



FRC-200-1

- Grooving cutter dia, 62 mm
- Flat surface shaving cutter dia, 50 mm



FRC-300-1

- Grooving cutter dia, 100 mm
- Flat surface shaving cutter dia, 61 mm

GLOBAL SPECIFICATIONS

Model	Max. Grooving Depth		Max. Cutter Width		Cutter Shaft Dia.	Power		Rotational Frequency		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	mm	mm	mm		W	PS	min ⁻¹	mm	in	kg	in	m ³ /min	ft ³ /min	mm	in	
FRC-200-1	15.5	50	12	1250	1.7	7,000	295	11 39/64	4.7	10.3	1.4	49.4	12.7	1/2			
FRC-300-1	30.0	50	15	2650	3.6	4,600	372	14 41/64	14.0	30.8	2.2	77.7	19.0	3/4			

Air Inlet Thread Size: PT 3/8"

TOOL SELECTION GUIDE

Standard models

Model	Throttle	
	Roll	Lever
FRC-200-1	541 205 3245	
FRC-300-1	541 207 2126	

CE certified models

Model	Throttle	
	Roll	Lever
FRC-200-1 EC	541 207 2125	

For CE region availability of non CE models, please inquire to your Fuji representative.

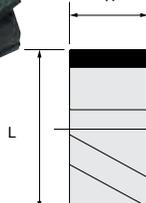
NPT models

Model	Throttle	
	Roll	Lever
FRC-300-1	541 205 3247	

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

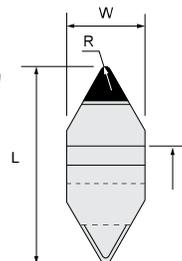
ACCESSORIES

CUTTERS FOR FRC-200, 300 SERIES



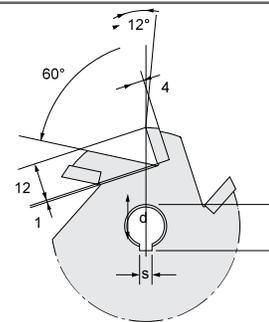
Flat surface shaving Cutter

AC Number	Part Number	Size (mm)					Models
		L	W	t	d	s	
CUT-0205	541 206 0307	50	25	12 ϕ	13.7	4	FRC-200-1
CUT-0204	541 206 0306	60	51	15 ϕ	17.3	5	FRC-300-1



Grooving cutter

AC Number	Part Number	Size (mm)					Models	
		L	R	W	t	d		
CUT-0202	541 205 1225	62	3	25	12 ϕ	13.7	4	FRC-200-1
CUT-0208	541 206 0308	100	4	42	15 ϕ	17.3	5	FRC-300-1



PIPE BEVELLING MACHINES

Fuji Portable Pipe Beveling Machines feature a powerful motor, zero torque reaction, in-pipe chucking, and variable speed control to assure a precise and fast beveling operation. They are available with beveling capacities from 12 mm through 240 mm pipe inside diameter.



GLOBAL SPECIFICATIONS

Model and Assortment	Capacity (Pipe inside Dia.)		Stall Torque		Rotational Frequency	Feed Length		Side to Center		Overall Length		Weight		Max. Air Consumption		Air Hose Size	
	mm	in	N.m	ft.lb	min ⁻¹	mm	in	mm	in	mm	in	kg	lb	m ³ /min	ft ³ /min	mm	in
FBM-16-1	12 - 16 mm	15/32" - 5/8"	25	18.8	290	20	0.79	19.0	3/4	281	10.3	2.6	5.7	0.40	14.1	8	5/16
FBM-24-1	14 - 24 mm	35/64" - 15/16"	34.3	25.3	180	30	1.18	27.0	1 1/16	278	10.9	2.9	6.4	0.40	14.1	8	5/16
FBM-300-2	80 - 120 mm	3 9/64" - 4 23/32"	431	318	75	60	2.36	56.0	2 1/5	524	20.6	23.7	52.1	1.68	59.5	12.7	1/2
FBM-300-3	120 - 240 mm	4 23/32" - 9 29/64"	431	318	75	60	2.36	135.0	5 5/16	603	23.7	26.8	60	1.68	59.5	12.7	1/2
FBM-300-4	80 - 240 mm	3 9/64" - 9 29/64"	431	318	75	60	2.36	135.0	5 5/16	603	23.7	26.8	59.1	1.68	59.5	12.7	1/2
FBM-80A-2	30 - 40 mm	1 3/16" - 1 9/16"	113	83.3	100	30	1.18	39.0	1 11/20	403	15.9	6.7	14.3	0.60	21.1	8	5/16
FBM-80A-3	40 - 80 mm	1 9/16" - 3 1/8"	113	83.3	100	30	1.18	39.0	1 11/20	403	15.9	6.7	14.7	0.60	21.1	8	5/16
FBM-80A-4	30 - 80 mm	1 3/16" - 3 1/8"	113	83.3	100	30	1.18	39.0	1 11/20	403	15.9	6.7	14.7	0.60	21.1	8	5/16
FBM-80A-5	20 - 29 mm	2 5/32" - 1 5/32"	113	83.3	100	30	1.18	39.0	1 11/20	403	15.9	6	13.2	0.60	21.1	8	5/16
FBM-80A-6	20 - 80 mm	2 5/32" - 3 1/8"	113	83.3	100	30	1.18	39.0	1 11/20	403	15.9	6.7	14.8	0.60	21.1	8	5/16

*FBM-16, 24, 80A: 1/4" Air inlet thread. FBM-300: 1/2" Air Inlet thread.
 *Optional Chuck Ass'y. for 240-300 mm Pipe Beveling is also available on request.

TOOL SELECTION GUIDE

Standard models

Model	Handle	
	Normal roll handle	Self return type (S)
FBM-16-1	541 205 2419	541 205 2421
FBM-24-1	541 205 2423	541 205 2425
FBM-80A-1	541 207 1197	541 205 2441
FBM-80A-2	541 205 2443	
FBM-80A-3	541 205 2447	541 205 2449
FBM-80A-4	541 205 2451	541 205 2453
FBM-80A-5	541 205 2455	
FBM-80A-6	541 205 2459	541 205 2461
FBM-300-2	541 205 2427	
FBM-300-3	541 205 2431	
FBM-300-4	541 205 2435	

CE certified models

Model	Handle
	Self return type (S)
FBM-24-1S	541 207 1196
FBM-80A-1S	541 207 1198
FBM-80A-3S	541 207 1199
FBM-80A-4S	541 207 1200
FBM-80A-6S	541 207 1201

For CE region availability of non CE models, please inquire to your Fuji representative.

NPT models

Model	Handle	
	Normal roll handle	Self return type (S)
FBM-80A-4	541 205 2452	
FBM-80A-6S		541 205 2462

For possibility of NPT inlet for other models, please inquire to your Fuji representative.

FULL SET
FBM-16-1(S)



FULL SET
FBM-24-1(S)



FULL SET
FBM-80A-6(S)



FULL SET
(4 CASES)
FBM-300-4(S)

