

Low Speed Grinders

These powerful Grinders are designed with a gear reduction mechanism and speed control governor to maintain the power and rotational speed. Their light weight and compact design make them excellent for polishing, grinding, paint removal and can be used with non-woven cloth, brushes, flap wheels and buffs.



FG-2VX-1F



FG-3VX-1F, 6F

Model	Collet Size		Free Speed min ⁻¹	Spindle Thread Size in	Power		Overall Length		Weight		Max. Air Consumption		Air Inlet Thread Size PT or NPT	Air Hose Size	
	mm	in			kW	hp	mm	in	kg	lb	m ³ /min	ft ³ /min		mm	in
Locking Lever Handle / Rear Exhaust Models															
FG-2VX-1F	6	1/4	4,300	3/8-24UNF	0.29	0.39	216	8 1/2	0.9	2.0	0.34	12.0	1/4	9.5	3/8
FG-3VX-1F	6	1/4	7,600	W3/8-16	0.28	0.37	331	13 1/32	1.4	3.1	0.45	15.9	1/4	9.5	3/8
FG-3VX-6F	6	1/4	12,000	W3/8-16	0.31	0.41	331	13 1/32	1.4	3.1	0.47	16.6	1/4	9.5	3/8



FG-3VX-2F, 3F

Model	Capacity		Free Speed min ⁻¹	Wheel Thread Size in	Power		Overall Length		Weight (with wheel guard)		Max. Air Consumption		Air Inlet Thread Size BSP or NPT	Air Hose Size	
	mm	in			kW	hp	mm	in	kg	lb	m ³ /min	ft ³ /min		mm	in
Locking lever Handle / Rear Exhaust Models															
FG-3VX-2F	75 x 19 x 9.5	3 x 3/4 x 3/8	9,500	W3/8-16	0.29	0.39	316	12 7/16	• 1.4	• 3.1	0.47	16.6	1/4	9.5	3/8
FG-3VX-3F	125 x 19 x 9.5	5 x 3/4 x 3/8	7,600	W3/8-16	0.28	0.37	316	12 7/16	• 1.4	• 3.1	0.45	15.9	1/4	9.5	3/8

*Models marked • are without wheel guard.

Straight Grinders

All Fuji Grinders are designed and produced using Fuji's latest grinder technology. Fuji Straight Grinders are equipped with centrifugal speed control governors, noise reducing design, and a locking handle. These standard features assure high performance and smooth operation.



FG-3H-1F, 2F

FG-4H-1F, 2F

FG-5H-1M, 2M, 6H-1M



FG-8H-1M, 2M



FG-8H-1C

Model	Max. Dia. (Grinding Wheel)		Free Speed min ⁻¹	Spindle Thread Size in	Power		Overall Length		Weight		Max. Air Consumption		Air Inlet Thread Size BSP or NPT	Air Hose Size	
	mm	in			kW	hp	mm	in	kg	lb	m ³ /min	ft ³ /min		mm	in
Locking Lever Handle Models															
FG-3H-1F	65 x 13 x 9.53	2 1/2 x 1/2 x 3/8	14,600	W3/8-16	0.48	0.64	342	13 15/32	1.7	3.7	0.55	19.4	3/8	9.5	3/8
FG-3H-2F	75 x 13 x 9.53	3 x 1/2 x 3/8	12,700	W3/8-16	0.48	0.64	342	13 15/32	1.7	3.7	0.55	19.4	3/8	9.5	3/8
FG-4H-1F	100 x 19 x 9.53	4 x 3/4 x 3/8	9,500	W3/8-16	0.70	0.94	408	16 1/16	2.3	5.1	0.80	28.2	3/8	12.7	1/2
FG-4H-2F	100 x 19 x 12.7	4 x 3/4 x 1/2	9,500	W1/2-12	0.70	0.94	414	16 19/64	2.3	5.1	0.80	28.2	3/8	12.7	1/2
FG-5H-1M	125 x 19 x 12.7	5 x 3/4 x 1/2	7,600	W1/2-12	0.96	1.28	506	19 59/64	2.5	5.5	1.00	35.3	3/8	12.7	1/2
FG-5H-2M	125 x 19 x 15.8	5 x 3/4 x 5/8	7,600	5/8-11UNF	0.96	1.28	511	20 7/64	2.5	5.5	1.00	35.3	3/8	12.7	1/2
FG-6H-1M	150 x 25 x 15.8	6 x 1 x 5/8	6,300	5/8-11UNF	1.03	1.38	531	20 29/32	3.4	7.5	1.20	42.4	3/8	12.7	1/2
FG-8H-1M	205 x 25 x 15.8	8 x 1 x 5/8	4,600	5/8-11UNF	1.47	1.97	556	21 57/64	5.5	12.1	1.60	56.5	1/2	12.7	1/2
FG-8H-2M	180 x 25 x 15.8	7 x 1 x 5/8	5,300	5/8-11UNF	1.62	2.17	556	21 57/64	5.4	11.8	1.80	63.5	1/2	12.7	1/2
Grip Handle Models															
FG-8H-1C	205 x 25 x 15.8	8 x 1 x 5/8	4,600	5/8-11UNF	1.47	1.97	538	21 3/16	5.6	12.3	1.60	56.5	3/8	12.7	1/2