



USER MANUAL

Commercial Coffee Grinder
Titan

Catalogue

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The parameters of Titan coffee grinder

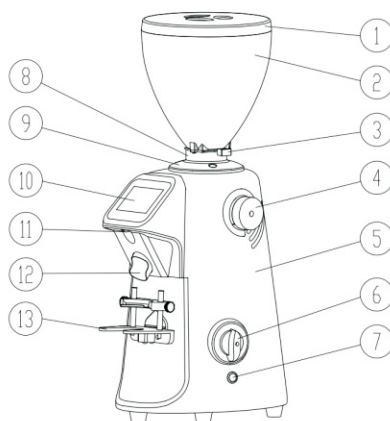
Product model:	Titan	
Dimensions:	L415*W250*H635mm	
GW/NW:	18.5KG/15.5KG	
Burrs diameter:	74mm (Flat Burrs)	
Rated power:	450W	
Voltage/Frequency:	220-240V, 50/60Hz, 450W	
Hopper capacity:	1.2kg	

Cautions

The products security requirements are carefully considered about when being designed and assembled. The terms below are necessary safety measures. Users must be in accordance with these specifications for normal operation:

- 1.Please read carefully and save the product manual..
- 2.Plastic bags are not toys and can be dangerous. To avoid any risk of suffocation, keep bags out of reach of babies and children. Remove the plastic films and the bags before using.
- 3.The product adaptable voltage is 220-240V, 50/60Hz, 450W.
- 4.Before using this product, please check whether the power cord surface has been damaged, and do remember turn off the power after using the product.
- 5.When using this product, please put it on the desktop and keep it away from the edges.
- 6.Please adjust the grinder dial while the motor is running, in case of the motor being locked and cause error.
- 7.Don't push your fingers into the discharging unit or hopper before the power line is discharged.
- 8.Don't clean coffee grinder burrs (flat wheel) by water or other liquid.
- 9.Don't use this product for other purposes except for coffee beans .
- 10.Guarantee period: 1 year.

The description and characteristic of parts



- (1) Bean hopper Lid.
- (2) Bean hopper: 1.2kg large capacity hopper, it is easy to control the state of grinding.
- (3) Bean hopper Door: pull sliding structure, to make the coffee beans drip easily.
- (4) Rotary switch: to freely adjust the degree of thickness of the coffee beans as you like.
- (5) Body: the whole body with aluminum alloy makes it thick and solid; available multiple-choice painting colors make the appearance elegant and refined.
- (6) ON/OFF switch.
- (7) The power indicator light.
- (8) Inductive switch: the machine can not operate when the hopper is moved out.
- (9) Up blade holder: Shining metal, matches with the body, makes the machine beautiful.
- (10) Touch Screen: Can freely select grinding modes, and adjust grinding time accordingly. Also, can calculate total cups.
- (11) Grinding indicator light.
- (12) Powder tube: 304stainless steel
- (13) Weighing Sensor: It's used to sense the weight of the portafilter and measure the weight of the powder.

The instruction of Titan coffee grinder

1. Put the machine on the flat table, and keep the powder tray under the machine body.



2. Pour the coffee beans into the hopper, cover the hopper lid, and pull out the bean hopper door.

- a. The hopper clip should be matched with the up holder clip, and rotate clockwise as the picture shows.

(Tips: If the hopper is assembled in wrong way, the machine can not operate.)

- b. Please keep enough coffee beans in the hopper to make sure the consistence of grinding.

Hopper Clip
(with inductive switch)

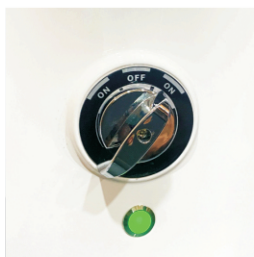


3. There's a protection cover in the hopper, it can protect people from being hurt when their fingers reach into the hopper.



4. Connect power and turn on the switch.

There is an ON/OFF switch at the side of the machine body.
Turn On and turn off to control the machine.
(The left and the right side are both the ON switch.)



5. The operating instruction of control panel.

The machine has two quantitative modes, namely weighing mode and timing mode, which can be freely selected through the menu bar.



Weighing mode

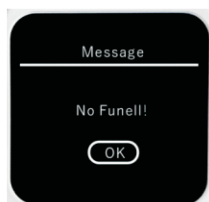


Timing mode

The Operating Instruction of Touch Screen		
	Power On mode:	Turn on the machine. The screen will light on and start working.
	Operation mode:	<p>One-cup mode:</p> <p>1. In the weighing mode, press "", the machine enters into the one-cup grinding state. After setting the required weight and putting on the portfilter, gross weight will be cleared to zero automatically, and will start grinding by the setting gram.</p> <p>2. In the timing mode, after setting the grinding time and pressing the start button "", the machine starts grinding the coffee beans, and will stop till the time is "0".</p>
		<p>Two-cups mode:</p> <p>1. In the weighing mode, press "", the machine enters into the two-cup grinding state. After setting the required weight and putting on the portafilter, gross weight will be cleared to zero automatically, and will start grinding by the setting gram.</p> <p>2. In the timing mode, after setting the grinding time and pressing the start button "", the machine starts grinding the coffee beans, and will stop till the time is "0".</p>
		<p>Adjust the weight of powder:</p> <p>Click the one-cup or two-cup button to enter the interface as shown in the figure. Press "+" and "-" to adjust the required weight. The left number is the setting weight, example 18 grams and the right number is the real weight of the powder.</p> <p>Adjust the time of grinding:</p> <p>Click the one-cup or two-cup button to enter the interface as shown in the figure. Press "+" and "-" to adjust the required time. The number in the figure is the setting time and the machine will stop working when the time is "0"</p>

The Operating Instruction of Touch Screen		
	Setting mode:	<ol style="list-style-type: none"> 1. Language: Chinese/English. 2. Control mode: Weighing mode and timing mode 3. System set: In the weighing mode, enter the password "32310" to correct the machine.(Refer to the next page for details). 4.Storage: Count total cups usage and reset data. (Enter the password "123456" to check the using state of the machine)

Tips: The machine is engineered with sophisticated protective features to ensure maximum safety for users.



When the screen displays "No Funell" that means the hopper is not installed properly or the hopper is being released. Make sure to check the position of the hopper and insert it properly(Turn clockwise after installation).

Error Correction of JX-680P Coffee Grinder Under the Weighing Mode

1. Turn on the machine and choose the setting interface, click "System Set", and enter the password "32310".

2. AD value setting: Step 1+ Step 2

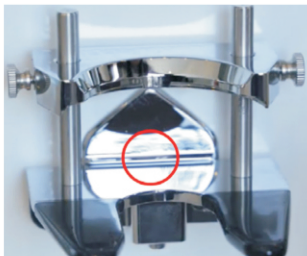
Step 1: Set the AD value when the standard "Weight " is 0.

When the oscillating rate of the "AD value" is much stable (only the last 2 numbers changing is OK) , take the middle value of it and click the "OK" button to complete the setting.

Make sure that no other items such as powder can be found on the bracket at this time.



Step 2: Set the AD value when the standard “Weight “ is 200. Put the 200g weight on the bracket. When the oscillating rate of the AD value is stable (only the last 2 numbers changing is OK) , take the middle value of it and click the “OK” button to complete the setting. And note that at this time, there are no other items such as powder on the bracket except the 200g weight.



Return to the main interface after setting, the weighing mode is ready for one cup and two cups grinding under “Operation Mode” (Refer to P5)

Adjustment of thickness

According to the 1-9 scale, rotate the grinding dial slightly to make it in proper position. Turn clockwise to grind coffee beans finer, and turn counter clockwise to grind for coarse. (Grind size adjustment should be set while the machine is grinding the coffee beans (especially from coarse to fine) , to avoid the coffee beans being stuck).



Clean and maintenance

Before cleaning coffee grinder, the users must shut off the power, and wait for cooling.

1.Cleaning the body of machine, hopper and powder tray.

a.After the coffee beans are grinded completely, rotate counterclockwise to remove the hopper.

b.Wash the hopper and powder tray by clean water, and keep them dry naturally. Only use liquid detergent (free of abrasive components) and soft sponge.

2.Cleaning the grinding mill.

Please clean the product under the instruction below if powder blockage happens:

a.Loosen the 3 pieces positioning screws by a hexagon wrench.

(The upper holder is assembled together with the one piece burr).

b.Rotate the dial counterclockwise, and take it off. No need to loosen the burr blade. (Pay attention to the inductive switch).

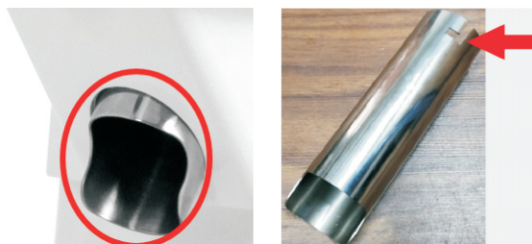
c.Use a brush to scrub the grinding mills. Never use running water to clean the burrs.

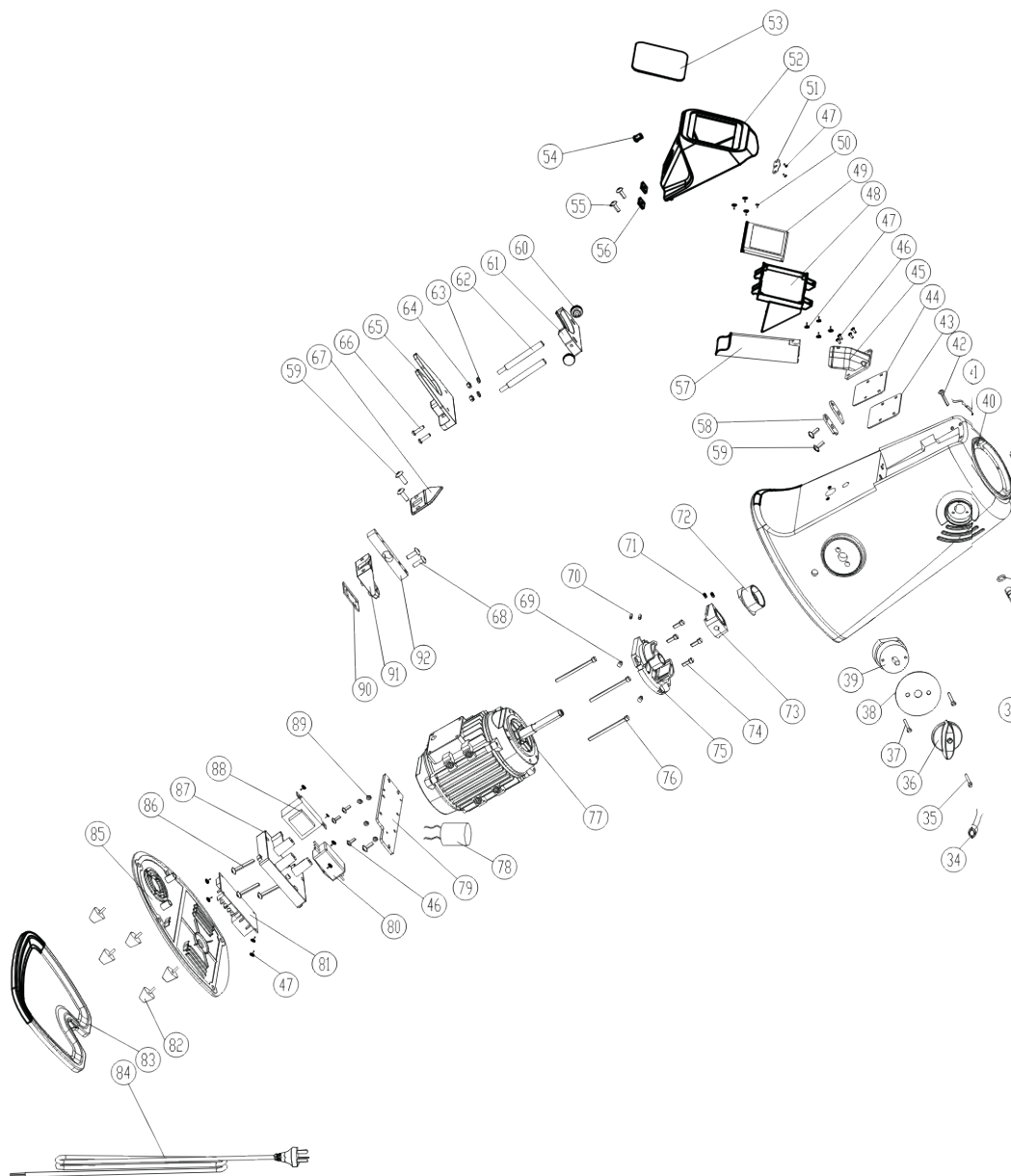
d.Don't remove the burrs holder, in case of affecting the accuracy of the machine.

e.The replacement and assembly of new burrs is a delicate task. Only skilled technical personnel are allowed. After cleaning and replacing tasks, make sure assemble all of the parts and safety screws in the same way as they are disconnected.

3.Cleaning the powder tube.

The powder tube is detachable, which makes cleaning easily. Rotate the tube counterclockwise, and pul it down. Clean the tube by soft brushes or by water. Make sure the tube is dry enough, and keep the tube slot in line with the central axis of the machine body, clip on the tube, and rotate the grinding plate clockwise. The tube is assembled thoroughly.







No.	Partname	Material&Spec.	Qty.	No.	Partname	Material&Spec.	Qty.
47	tapping screw	ST3*10	14	1	hopper lid	ABS	1
48	touch screen base	ABS	1	2	hopper	PC	1
49	LCD touch screen	/	1	3	protection cover	PC	1
50	tapping screw	ST3*6	4	4	hopper door	ABS	1
51	Hang buckle	iron	1	5	hopper holder	PC	1
52	touch screen cover	ABS	1	6	tapping screw	ST3.0*12	3
53	front panel	PMMA	1	7	magnet	NdFeB	2
54	LED light cover	/	1	8	hexagon socket screw	M5*16	3
55	machine screw	M5*16	2	9	pin	Manganese steel	2
56	square nut	17*12*3-M5	2	10	upper burr holder	ADC12	1
57	powder tube	sus304	1	11	burr/blade	high-speed steel	2
58	cover fastener	iron	2	12	round phillips screw	M4*10	6
59	phillips screw	M5*12	4	13	cover	ABS	1
60	holder screw	M4*10	2	14	Left-hand screw	M6*15	1
61	upper holder	Zinc alloy	1	15	spring cap	ADC12	1
62	holder pole	sus304	2	16	spring	2*16.5*21 65Mn	1
63	Spring Shim	M5	2	17	bottom burr holder	ADC12	1
64	hexagon nut	M5	2	18	bearing	6003RZ	1
65	bottom holder	Zinc alloy	1	19	axle sleeve	17*12*35	1
66	machine screw	M4*10	2	20	spring pin	Φ3*16	1
67	Cardboard	Zinc alloy	1	21	O ring	rubber	1
68	round phillips screw	M5*18	2	22	Knob adjusting shaft	copper	1
69	ball screw	M5*8	2	23	bearing	699Z	1
70	spring pin	Φ3*8	2	24	bearing fixing nut	copper	1
71	spring	0.6*5.5*21	2	25	fluted disc	nylon+fiberglass	1
72	upper slider	ADC12	1	26	flat phillips screw	M4*12	3
73	bottom slider	ADC12	1	27	dial paster	PET	1
74	round phillips screw	M6*12	4	28	machine screw	M4*10	1
75	bottom slider	ADC12	1	29	rotary knob	ADC12	1
76	machine screw pole	M6*80 L8.8	4	30	Knob dial ring	Zinc alloy	1
77	motor	220-240V 50Hz 450W	1	31	spring	0.5*4*10	1
78	capacitor	14 μF/450V	1	32	ball screw	M4*10	1
79	motor fixing board	iron	1	33	round phillips screw	M3*8	2
80	Filter	250VAC/3A	1	34	indicator light	YJ-G016 220W	1
81	main board	/	1	35	machine screw	M3*10	1
82	rubber foot	rubber 29*20	5	36	rotary knob cover	ABS	1
83	tray	ABS	1	37	machine screw	M4*18	2
84	Power Cord	300/500V 3*1.0	1	38	powder switch paster	6061	1
85	machine base	ABS	1	39	power switch	220-240V LW26-20	1
86	round phillips screw	M4*16	3	40	body	ADC12	1
87	main board base	ABS	1	41	inductive switch	4*18	1
88	Transformers	220V/9V/5W	1	42	machine screw	M4*20	1
89	Washers	M4	4	43	silicone-A	silicone	1
90	AD base	/	1	44	silicone-B	silicone	1
91	Sensor bracket	ADC12	1	45	upper powder tube	ABS	1
92	Sensor	5kg	1	46	machine screw	M4*10	11

Marketed globally by:

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