



# 上海春日机械工业有限公司

SHANGHAI CHUN ZU MACHINERY INDUSTRY CO., LTD.

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## Description of Goods

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### CHUN ZU "LION" BRAND

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|---|-------|
| 1. Bolt former model CBF-64S with standard accessories. | 1 set |
| 2. Bolt former model CBF-84S with standard accessories. | 1 set |

### CBF-64S,84S Standard Accessories (Set/machine):

1. One set of tooling for one test run product for each machine confirmed by both parties as above mentioned.
2. One set of standard spare parts.
3. One set of standard hand tools.
4. One set of round table type wire coil stand.
5. One set of wire straighter with horizontal & vertical rollers installed on the machine.
7. One way bearing equipped with the starting straighter rollers.
8. One set of "I" type product conveyor.
9. One set of transfer cassette on the machine.
10. One set of pre-setting transfer cassette outside of machine & installed on operator's platform.
11. One set of motorized oil cleaner.
12. One set of AC motor.
13. One set of operator's platform.
14. One set of standard K.O. stroke adjustment mechanism.
15. Testing protection plastic plate.
16. One set of electrical drive & control panel with inverter.
17. One set of air clutch & brake.
18. Cylinder on first station for releasing short feeding cut-off pieces is equipped.
19. One set of inside lighting.
20. Auto checker for detecting & displaying of :
  - a. Air pressure shortage detector.
  - b. Material end detector.
  - c. Short feed detector.
  - d. Lub. oil pressure abnormal detector.
  - e. Motor over load detector.
  - f. Lub. oil shortage detector.
  - g. Two-hand control unit for jogging.
  - h. P.K.O. abnormal detector.
  - i. K.O. abnormal detector.

CBF-64S,84S Optional Accessories (Set/machine):

1. Fully enclosed cover with noise absorb materials for CBF-64S.	1	set
2. Fully enclosed cover with noise absorb materials for CBF-84S.	1	set
3. Hand wheel type adjustment devices with digital displaying for K.O. stroke for CBF-64S.	1	set
4. Hand wheel type adjustment devices with digital displaying for wire stopper for CBF-64S.	1	set
5. Hand wheel type adjustment devices with digital displaying for K.O. stroke for CBF-84S.	1	set
6. Hand wheel type adjustment devices with digital displaying for wire stopper for CBF-84S.	1	set
7. Hydraulic clamping device for transfer system.	2	sets
8. One set of air-conditioner outside the electrical box.	2	sets
9. One set of "I" type chip conveyor.	2	sets
10. Safety interlocking switches on all the doors on machine's cover.	2	sets
11. Enclosed covers on wire straightening mechanism for safety purpose.	2	sets
12. Pre-made holes on main slider at back of wedge plate for installation of sensors for monitor made by SK or Brankamp/Germany.	2	sets
13. Connector with outside dia. 100 mm for pipe of oil mist cleaner on top of CBF-64S machines' cover.	1	set
14. Connector with outside dia. 150 mm for pipe of oil mist cleaner on top of CBF-84S machines' cover.	1	set

CBF-64S Specificaitons:

No. of forging station	: 4	Cut-off die dia.	: ø30x45L mm
Forging load	: 40,000 kg	Punch dia.	: ø40x90L mm
Max. cut-off dia.	: ø8 mm	Main die dia.	: ø50x110L mm
Max. cut-off length	: 95 mm	Die ditch	: 60 mm
Max. output	: 140-240 pcs/min	Machine Wt.	: 10,000 kgs
P.K.O. Stroke	: 15 mm	Normal size of bolt	: 3-6 mm
K.O. Stroke	: 80 mm	Shank length of blank	: 10-75 mm
Main motor	: 15 kw	Main slider stroke	: 136mm

CBF-84S Specificaitons:

No. of forging station	: 4	Cut-off die dia.	: ø35x50L mm
Forging load	: 60,000 kg	Punch dia.	: ø45x115L mm
Max. cut-off dia.	: ø10 mm	Main die dia.	: ø60x120L mm
Max. cut-off length	: 100 mm	Die ditch	: 80 mm
Max. output	: 120-200 pcs/min	Machine Wt.	: 14,500 kgs