

## User's manual – CF-120 Taped Radial Lead Former

### A. Operation Instruction:

- 1. Pilot Operating** - Turning on (D12) On/Off Switch, the power indicator (D14) Will be lighted. Turning the speed regulator (D13) up slowly, the operation will be started according to the speed controlled on the regulator. Turning the speed regulator to “ 0 ” position and go to next step when everything goes on smoothly.
- 2. Feeding Components** - Put the taped components into the middle of two (C23) feeding wheels. Make sure the components are in outside position. Inserting it into the (C17) Left Track and aiming the hole of the tape at the center of conoid pin on the Synchronous Belt (C7). Push down the Guide Rail (C10). Turning up the speed regulator slowly, you will see the components that go into the forming mold step by step.
- 3. Forming** - The components will be formed (according to the specification that required) by the forming mold when it reaches. Turn off the speed regulator and make sure the forming operation is correctly. The depth of forming can be adjusted by the adjusting screw (B41). Go ahead to cutting operation when the forming operations meet the requirements.
- 4. Forming Height Adjustment** - The Height of the forming can be adjusted by the Height Adjusting screw (B10) to meet the requirements.
- 5. Lead Length Adjustment** - The Lead Length can be controlled by the Lead Length adjusting screw (B10) That will move up or down the mold set to adjusting the length.
- 6. Waste tape** - The components will jump up when it is cut by the cutter (B6)(B7). Close the cover Shielded (D6) to eliminate this condition and put the waste tape out through the guide hold in the cover.

### B. Caution:

- 1. Synchronous Belt** - Make sure the belt is tight enough. Adjusting the idler (C1) when necessary.
- 2. Synchronism** - Make sure the component is aimed at the center of forming Mold (B4)(B5). The components must be synchronized with the mold.
- 3. Forming Location** - The forming location can be adjusted by loosening the screw (C21) in Driving Wheel.
- 4. The Location of Forming and Cutting Mold** - The location of the mold set can be adjusted by the adjusting screw (B10).

### C. Maintenance:

- 1. Keep clean and lubricated on the following position** - 4 sets of eccentric shaft (A11). Rotundity Module (B2).
- 2. Fixed screw** – The screw (B41) is for fixed the forming and cutting mold. Please don't lose it unless necessary.
- 3. Minor adjustment for Wire size** – For processing different wire diameter. Make sure to make a minor change on forming mold (B4)(B5).  
Maintenance and technical support.

Please copy the sketch on the manual for further questions. For spare parts requirement, please ordering by fax in which specified part number or indicate by sketch. Welcome your inquiry for any question if unclear!

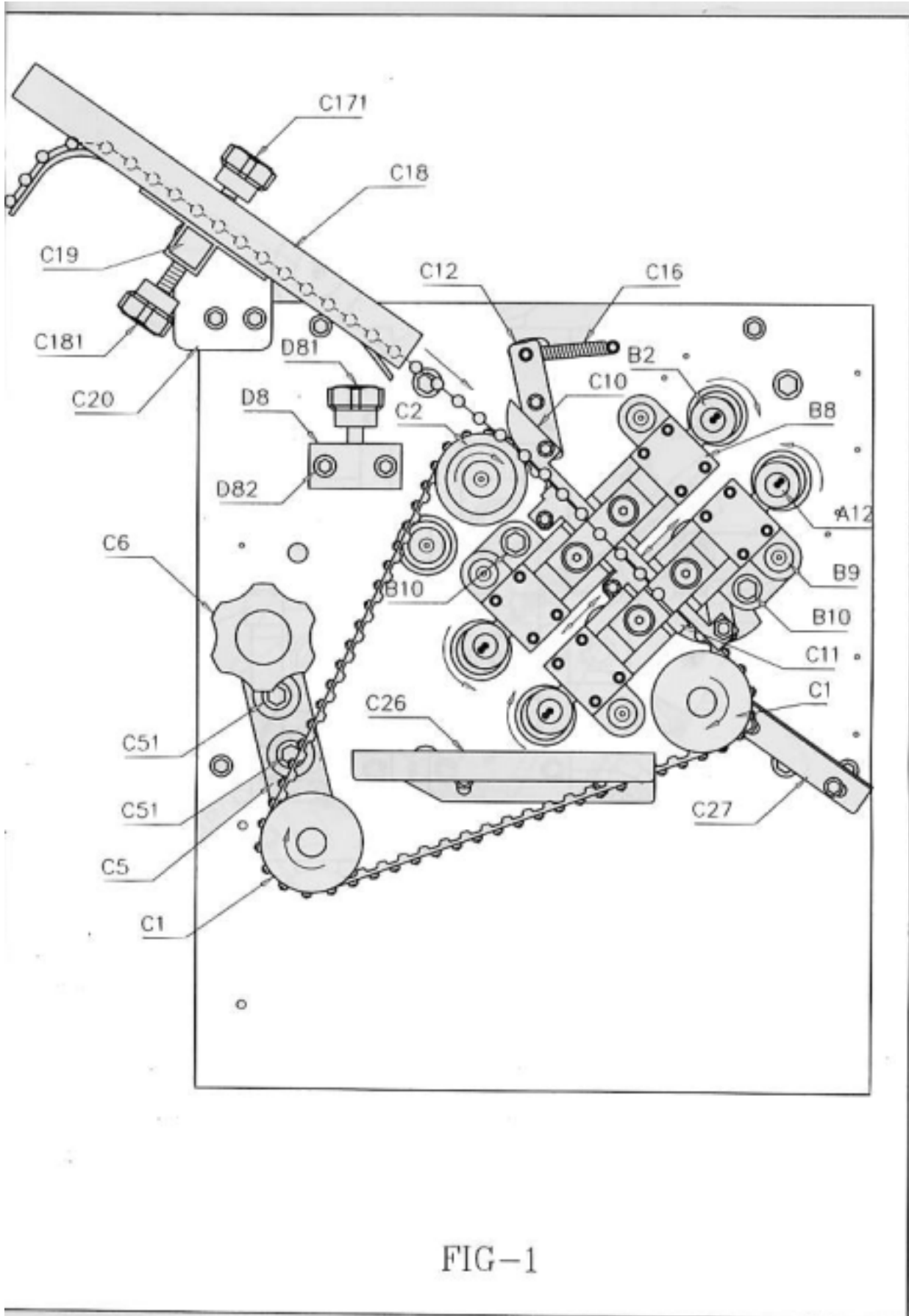
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## CF-120 Taped Radial Lead Former-Spare Part List

| Part No. | Part name                               | Part No. | Part name                    |
|----------|---|----------|------------------------------|
| A1       | Motor                                   | B1       | Forming Pedestal             |
| A2       | Reducer                                 | B2       | Rotundity Module             |
| A21      | Flat Key                                | B3       | Bottom Module                |
| A22      | Motor Fixed Screw                       | B4       | Forming Mold , Top           |
| A23      | Screw Cap                               | B41      | Screw                        |
| A3       | Intermission Machine , Gear Wheel       | B5       | Forming Mold , Bottom        |
| A31      | Screw                                   | B6       | Cutting Blade , Top          |
| A4       | Intermission Machine , Rotation Annulus | B7       | Cutting Blade , Bottom       |
| A5       | Shaft , Segmentation Gear               | B71      | Cutting Blade , Underlay     |
| A51      | Flat Key                                | B8       | Cover , Forming Mold         |
| A52      | Diameter 35mm Bearing                   | B81      | Screw                        |
| A53      | Diameter 32mm Bearing                   | B9       | Glide Shaft                  |
| A6       | Feeding Gear Wheel                      | B91      | Screw                        |
| A61      | Screw                                   | B10      | Screw                        |
| A7       | Eccentric Shaft , Gear Wheel            | B11      | Screw Cap                    |
| A71      | Screw                                   |          |                              |
| A8       | Idler , Gear Wheel                      | C1       | Idler                        |
| A81      | Screw                                   | C2       | Dentition , Driving Wheel    |
| A9       | Motor Gear Wheel                        | C21      | Screw                        |
| A91      | Screw                                   | C3       | Idler , Adjusting Shaft      |
| A10      | Driving Wheel Shaft                     | C4       | Belt , Idler Shaft           |
| A101     | Flat Key                                | C5       | Feeding belt , Adjusting Bar |
| A102     | Diameter 32mm Bearing                   | C51      | Screw                        |
| A11      | Eccentric Output Shaft                  | C52      | Underlay                     |
| A111     | Flat Key                                | C53      | Screw                        |
| A112     | Diameter 32mm Bearing                   | C6       | Belt , Adjusting Screw       |
| A12      | Eccentric Shaft                         | C61      | Screw Cap                    |
| A121     | Flat Key                                | C7       | Synchronous Belt             |
| A122     | Diameter 32mm Bearing                   | C8       | Belt Pin                     |
| A13      | Idler Shaft                             | C9       | Riveting Plate               |
| A131     | Diameter 32mm Bearing                   | C10      | Guide Rail                   |
| A132     | Diameter 28mm Bearing                   | C101     | Screw                        |

| Part No. | Part name                | Part No. | Part name             |
|----------|--------------------------|----------|-----------------------|
| C102     | Screw                    | C261     | Screw                 |
| C103     | Screw Cap                | C27      | Outlet Plate , Waste  |
| C11      | Belt , Inputs Guide      | C271     | Screw                 |
| C111     | Screw                    |          |                       |
| C12      | Fastenings (Big)         | D1       | Outer Cover           |
| C121     | Screw                    | D11      | Fuse                  |
| C122     | Screw                    | D12      | Power on/off Switch   |
| C123     | Screw Cap                | D13      | Speed Regulator       |
| C124     | Screw Cap                | D14      | Power Indicator       |
| C13      | Fastenings (Small)       | D2       | Front Frame           |
| C131     | Screw                    | D21      | Screw                 |
| C14      | Copper Lining (Smallish) | D22      | Screw                 |
| C15      | Copper Lining (Long)     | D3       | Rear Frame            |
| C16      | Track Pull Springs       | D4       | Joint Shaft           |
| C161     | Screw                    | D5       | Bottom Frame          |
| C162     | Screw Cap                | D51      | Underlay              |
| C17      | Left Track               | D52      | Screw                 |
| C171     | Track Adjusting Knob     | D53      | Screw                 |
| C18      | L Type , Guide Parcel    | D6       | Cover Shielded        |
| C181     | Track Adjusting Knob     | D61      | Knob                  |
| C19      | Shaft , Track Foursquare | D62      | Screw                 |
| C191     | Screw                    | D63      | Hinge – Acrylic cover |
| C20      | Guide Underlay           | D64      | Screw                 |
| C201     | Screw                    | D65      | Screw                 |
| C22      | Roller Shaft , Tape Reel | D7       | Finished Parts Bin    |
| C221     | Screw Cap                | D8       | Acrylic Lock          |
| C23      | Feeding Wheels           | D81      | Adjusting Screw       |
| C231     | Screw                    | D82      | Screw                 |
| C24      | Roller Bar , Tape Reel   |          |                       |
| C241     | Screw                    |          |                       |
| C25      | Roller Plate , Tape Reel |          |                       |
| C251     | Screw                    |          |                       |
| C26      | Cover , Shielded Stuff   |          |                       |



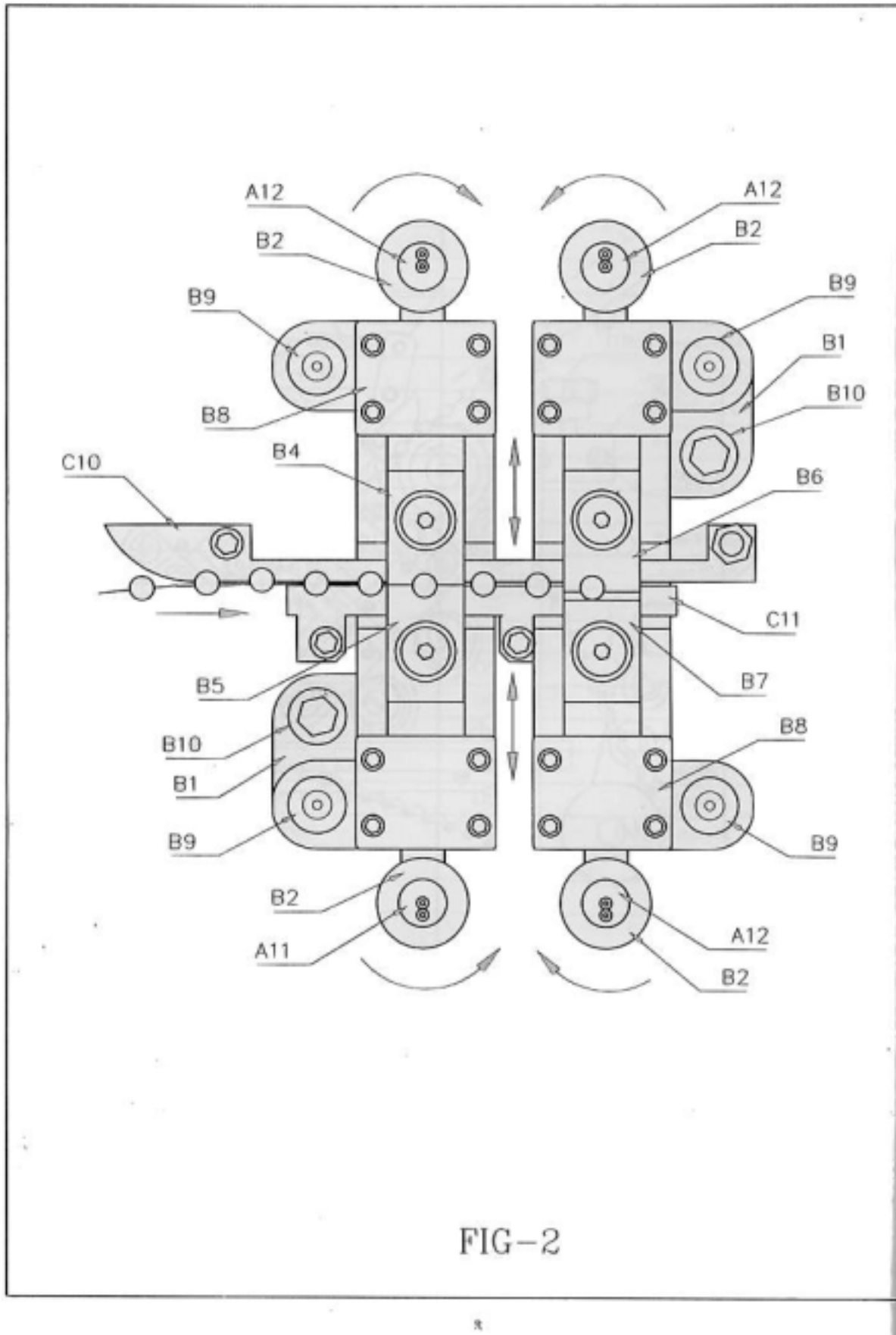


FIG-3

