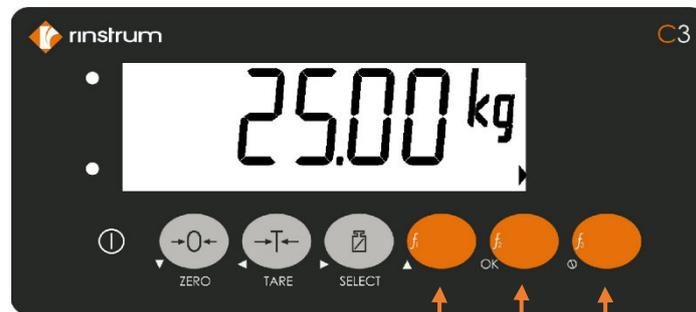


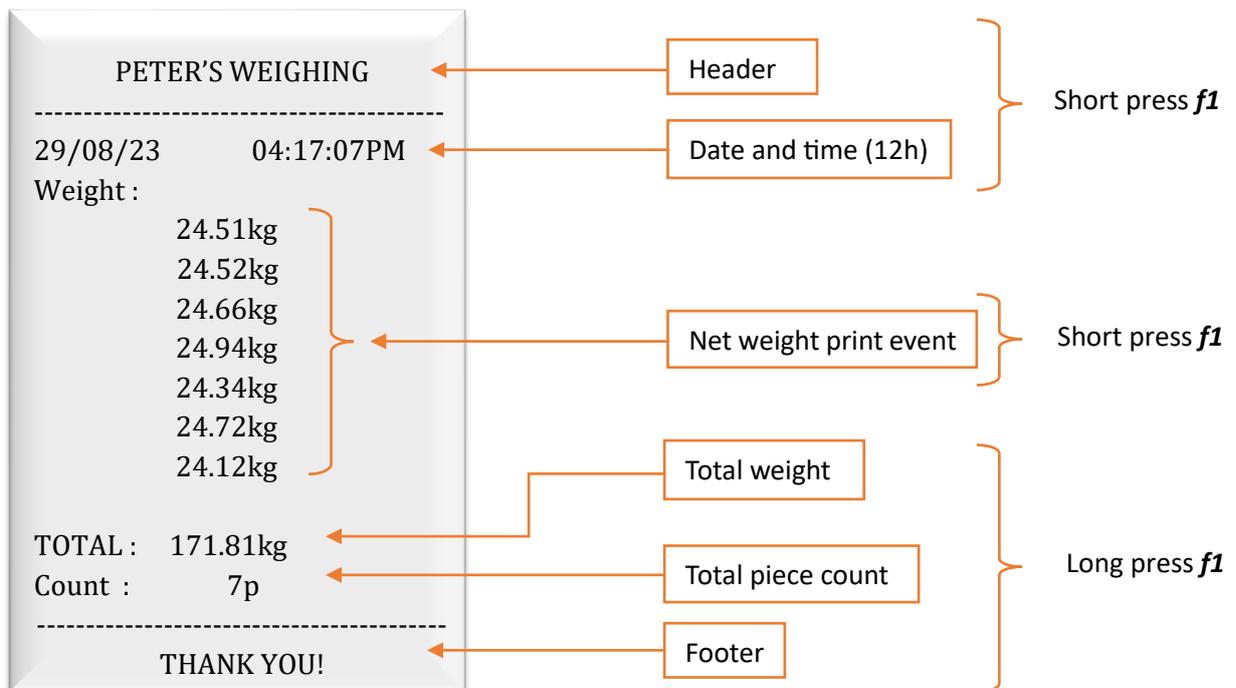
Application

The application- **C320 Custom Printing Setup** outputs print outs from a C3 indicator using a custom docket printing format which is suitable for printing equivalent product weights and product count.



- Function Key 1 (**f1**) is set to be the PRINT key.
- Function Key 2 (**f2**) is set to be the TOTAL key.
- Function Key 2 (**f3**) is set to be the UNITS key.
- The printer is connected to the built-in **RS232** serial port SER 1.

Example: Let's follow the steps to get a printout like this where the PETER'S WEIGHING company needs to weigh 25kg pieces and get the docket with Total weight + Total piece count.



Configuration

Setting up the configuration menu contains following steps.

1. Set Function Keys- f1, f2 and f3

```

┌─ FULL SETUP
├── LANG      : EN
├── GEN.OPT
├── SCALE
├── SERIAL
├── SETP
├── APP
│   ├── P.COUNT : WEIGHT
│   ├── CHECK.W
│   ├── A.TARE
│   ├── F1 KEY
│   │   ├── TYPE      : PRINT
│   │   └── PRT.OUT   : SER 1
│   ├── F2 KEY
│   │   └── TYPE      : TOTAL
│   ├── F3 KEY
│   │   └── TYPE      : UNITS
│   ├── IN 1
│   ├── IN 2
│   └── TEST
└── End
    
```

F1 key is assigned for **PRINT** functionality as PRINT.1 and that will be the custom docket printing to be defined below.

F2 key is assigned for **TOTAL** functionality. Product weight is added to the Total weight of products each time when generating the docket and displays both the Total Weight and Total Item Count.

F3 key is assigned for **UNITS** functionality which sets the weight of a piece.

2. Set Serial Port SER 1 for Communication.

Here we select the serial port that needs to be configured, in this case the built in RS232 serial port is used – SER 1

```

┌─ FULL SETUP
├── LANG      : EN
├── GEN.OPT
├── SCALE
├── SERIAL
│   ├── HEADER : PETER'S WEIGHI ...
│   ├── FOOTER : THANK YOU !!!
│   ├── SER 1
│   │   ├── BAUD      : 9600
│   │   ├── DATA     : 8
│   │   ├── PARITY    : P NONE
│   │   └── STOP      : 1
│   ├── SER.NET
│   │   ├── ADDR     : 1
│   │   └── TYPE      : RINCMD
│   ├── SER.AUT
│   │   ├── FORMAT   : FMT.A
│   │   ├── AUT.SPD  : SINGLE
│   │   └── SOURCE    : D.DISP
│   ├── PRINT
│   ├── SER 2
│   └── SER 3
├── SETP
├── APP
├── TEST
└── End
    
```

Type as required.

Select matching values.

Keep default.

Keep default.

3. Set Custom Printout.

Docket prints are built up from multiple print passes. Each of the print pass is defined by a specific configuration string. Print passes are triggered by operator events – these include short and long press of the Print key.

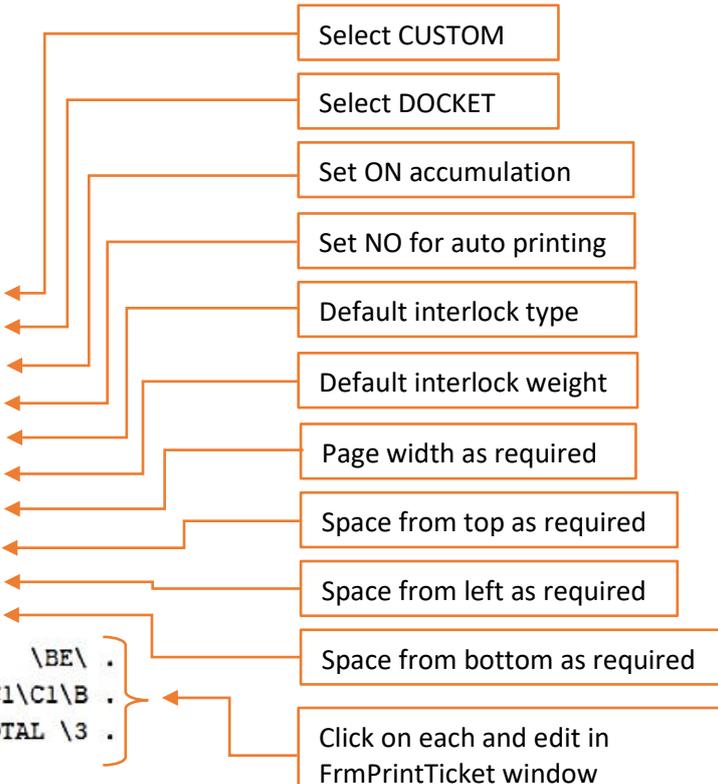
Here the docket events are triggered by short and long pressing print key.

Operator action	Event name	Event description
PRINT KEY	EV.D.NEW	Event Docket New controls the first part of the docket that is printed along with the first transaction.
PRINT KEY	PRN.KEY	Print Key controls the printing weight of each piece in the docket.
LONG PRESS PRINT KEY	EV.D.END	Event Docket End controls the format of the end of the docket including printing sub-totals etc.

Here the printing is customized in PRINT tab.

```

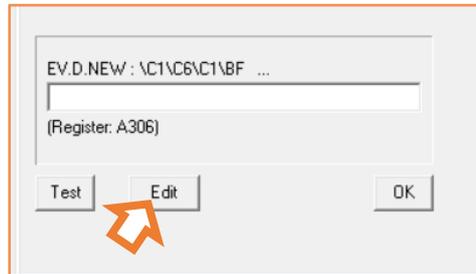
[+] FULL SETUP
  ... LANG      : EN
  [+] GEN.OPT
  [+] SCALE
  [-] SERIAL
    ... HEADER   : PETER'S WEIGHI ...
    ... FOOTER   : THANK YOU !!!
    [-] SER 1
      ... BAUD    : 9600
      ... DATA   : 8
      ... PARITY  : P NONE
      ... STOP    : 1
      [+] SER.NET
      [+] SER.AUT
      [-] PRINT
        ... FORMAT : CUSTOM
        ... TYPE   : DOCKET
        ... ACCUM  : ON
        ... AUTO   : NO
        ... IL.TYPE : NONE
        ... I.LOCK : 0.00 kg
        ... P.WIDTH : 40
        ... SP.TOP  : 2
        ... SP.LEFT : 2
        ... SP.BOT  : 3
        ... PRN.KEY : \C1      \BE\ .
        ... EV.D.NEW : \C1\C6\C1\C1\B .
        ... EV.D.END : \C1\C1TOTAL \3 .
    [-] SER 2
    [-] SER 3
  [+] SETP
  [+] APP
  [+] TEST
  ... End
  
```



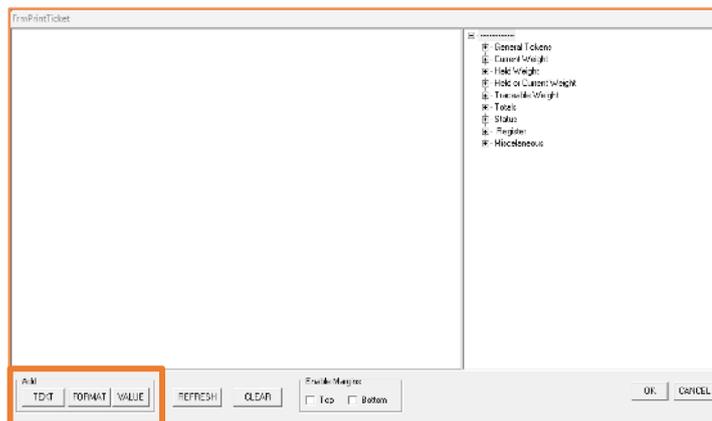
- Select CUSTOM
- Select DOCKET
- Set ON accumulation
- Set NO for auto printing
- Default interlock type
- Default interlock weight
- Page width as required
- Space from top as required
- Space from left as required
- Space from bottom as required
- Click on each and edit in FrmPrintTicket window

FrmPrintTicket

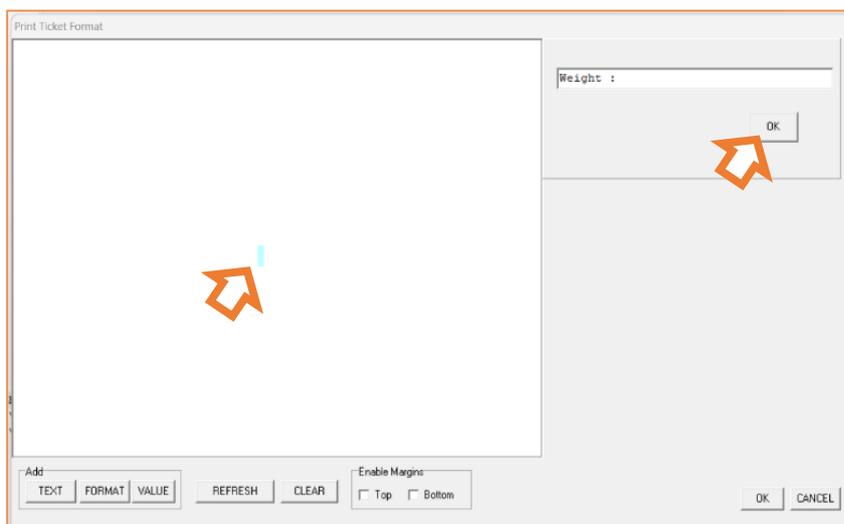
When you click on 'edit,' a user-friendly window pops up separately. This window is designed for creating printouts using printing blocks.



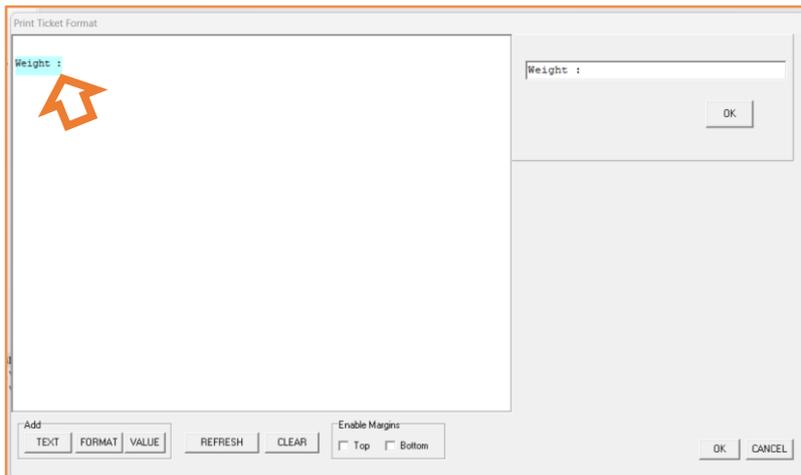
We have three printing block categories in the window under Add section at the bottom.



1. Text: Adds custom strings (ex: Weight :).

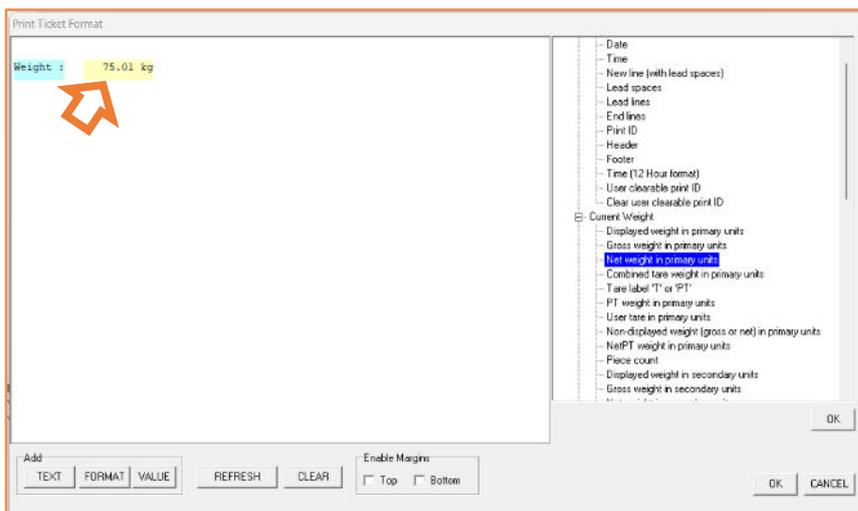


1. Click on TEXT
2. Click the blue space appeared.
3. Then type the needed text inside the spacebar appeared at top-right.
4. Click OK right below.



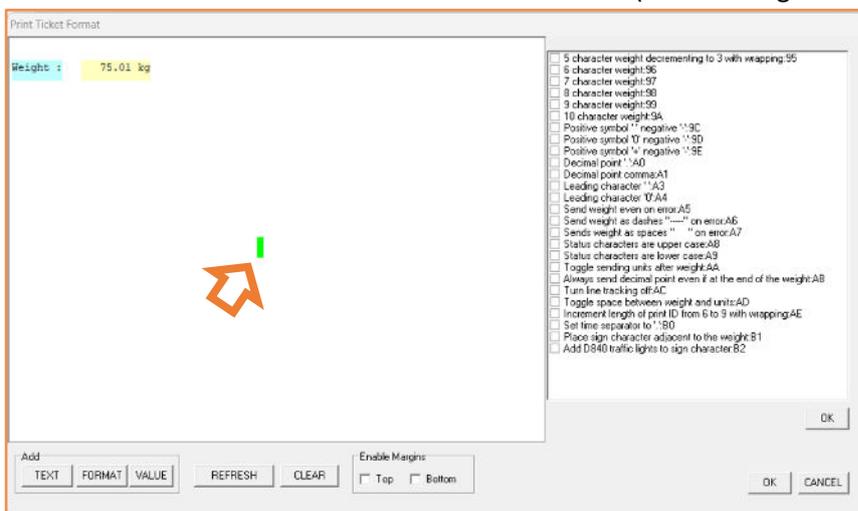
5. Typed text will appear as a block.
6. Press and hold to place the block.

2. Value: Selects the type of value to be appeared on the print (ex: Net weight in primary units).



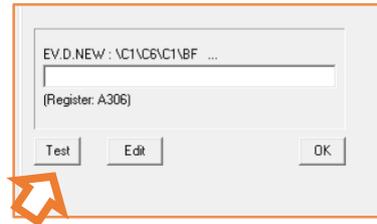
1. Click on VALUE
2. Click the space appeared.
3. Double click to Select the needed value from the appeared list in section at right. {General tokens, Current weight, Held weight, Traceable weight, Totals, Status, Register, Miscellaneous}
4. Selected value will appear as a block.
5. Press and hold to place the block.

3. Format: Selects formats of values to be shown (ex: Net weight in unit format Kg or lb).



1. Click on FORMAT
2. Click the green space appeared.
3. Double click to Select the needed value format from the appeared list in the section at right.
4. Drag and position the format block before the value block that needs formatting.

- Design is saved by clicking OK at right-bottom.
- We must design PRN.KEY, EV.D.NEW, EV.D.END separately. And each part can be viewed by clicking TEST.

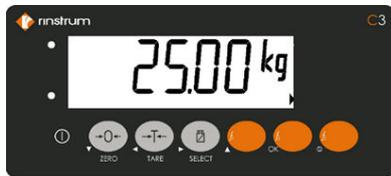


- Let's see how our print went thoroughly with FrmPrintTicket editor.

Event	FrmPrintTicket Editor	Test
EV.D.NEW		
PRN.KEY		
EV.D.END		

Set piece weight

Follow steps below to set the weight of one piece to get the piece count on the print.



- Put a piece on the weighing scaler.
- Long press f3 key.
- Set the number to 1.
- Press OK.
- Now 25.00 kg is the weight of one piece.

Cable connection

After designing the print, we should send it to the printer via RS232 port. C300 has two RS232 (bi-directional) ports. The cable connections are shown below.

