

Bosch alpha 3



Set the following parameters on the machine

VCRT = 14
BAUD = 7 (1200 baud)

To set the controller in the Drip feed mode

Drip feed is not available on this controller.



Set the following parameters on the PC

General settings

Machine name	MCH-1
Control system	Bosch alpha 3
Machine ID	01
Time out (sec)	5
Control program start	M82
Control program end	M30

DNC settings

Port Number	COM2 (or any free COM port)
Baud rate	1200
Data bits	7
Parity	Even
Stop bits	2
Handshake	None
Special protocol	None

Transmit settings

Transmit directory	Specify folder to store programs to be sent to machine from PC
Wait period at start of transmission	10.00
Wait period after transmitting program	5.0
Size of transmit packet	200
Delay period after each packet	0
Wait for XON before transmitting program	No
Drip feed	Off
Transmit comments ?	Yes
Comment start character	(
Comment end character)
Translation mode for CR	Transmit as CR
Translation mode for LF	Transmit as LF
Program start string	
Program end string	

Receive settings

Receiving directory	Specify folder to store programs coming from machine
Wait period before receiving program	45.0
Wait period after receiving program	5.0
Transmit XON before transmitting program	No
Auto compare and save	Yes
Acknowledgements and errors	Transmit descriptive messages
Translation mode for CR	Ignore
Translation mode for LF	Save as CRLF
Ack/error start string	%
Ack/error end string	%

To set the PC in the Drip feed mode

Drip feed is not available on this controller.



Cable connections

If the PC has 9 pin connector

Null modem		Full Handshake	
PC 9 pin	CNC 25 pin	PC 9 pin	CNC 25 pin
1	8	1	8
2	2	2	2
3	3	3	3
4	20	4	6
5	7	5	7
6	6	6	20
7	4	7	5
8	5	8	4

If the PC has 25 pin connector

Null modem		Full Handshake	
PC 25 pin	CNC 25 pin	PC 25 pin	CNC 25 pin
8	8	8	8
2	3	2	3
3	2	3	2
20	20	20	6
7	7	7	7
6	6	6	20
4	4	4	5
5	5	5	4