

B3000 Pile Machine's Attached Manual

version: V1.1 .

Please use this attached manual with B3000 user manual

1.1 Function code chagement

Code	Name	Range	Min unit	Default	Modifica tion
P0.00	Command channel	0~2	1	1	○
P0.02	Main frequency source setting	3~4	1	3	○
P0.07	Upper limit of frequency	P0.08~P0.09	0.01Hz	100.00Hz	×
P0.08	Lower limit of frequency	0~P0.07	0.01Hz	10.00Hz	×
P0.09	Max output frequency	P0.07~650.00Hz	0.01Hz	100.00Hz	×
P0.12	Acc time 1	0.1~3600s	0.1s	Depended on driver's model	○
P0.13	Dec time 1	0.1~3600s	0.1s	Depended on driver's model	○
P2.08	Stop mode	0~2	1	1	×
PC.14	Terminal filter time	7.5~80.0ms	0.1ms	50.0ms	○
PD.00	Running mode	1: Stop after a single cycle 2: Holding the final value after single cycle 3: Continuous cycle	1	1	×
PE.00	Select 1 speed frequency 1	0.00~650.00Hz	0.01Hz	11.00Hz	○
PE.01	Select 1 speed frequency 2	0.00~650.00Hz	0.01Hz	22.00Hz	○
PE.02	Select 1 speed frequency 3	0.00~650.00Hz	0.01Hz	32.00Hz	○
PE.03	Select 1 speed frequency 4	0.00~650.00Hz	0.01Hz	46.00Hz	○
PE.04	Select 1 speed frequency 5	0.00~650.00Hz	0.01Hz	0.00Hz	○
PE.05	Select 1 speed frequency 6	0.00~650.00Hz	0.01Hz	0.00Hz	○
PE.06	Select 1 speed frequency Run Time 1	0.0~6553s	0.0s	60.0s	○
PE.07	Select 1 speed frequency Run Time 2	0.0~6553s	0.0s	60.0s	○
PE.08	Select 1 speed frequency Run Time 3	0.0~6553s	0.0s	90.0s	○
PE.09	Select 1 speed frequency Run Time 4	0.0~6553s	0.0s	300.0s	○
PE.10	Select 1 speed frequency Run Time 5	0.0~6553s	0.0s	0.0s	○
PE.11	Select 1 speed frequency Run Time 6	0.0~6553s	0.0s	0.0s	○
PE.12	Select 2 speed frequency 1	0.00~650.00Hz	0.01Hz	12.00Hz	○
PE.13	Select 2 speed frequency 2	0.00~650.00Hz	0.01Hz	26.00Hz	○
PE.14	Select 2 speed frequency 3	0.00~650.00Hz	0.01Hz	36.00Hz	○
PE.15	Select 2 speed frequency 4	0.00~650.00Hz	0.01Hz	42.00Hz	○
PE.16	Select 2 speed frequency 5	0.00~650.00Hz	0.01Hz	50.00Hz	○
PE.17	Select 2 speed frequency 6	0.00~650.00Hz	0.01Hz	0.00Hz	○

Code	Name	Range	Min unit	Default	Modification
PE.18	Select 2 speed frequency Run Time 1	0.0~6553s	0.0s	60.0s	○
PE.19	Select 2 speed frequency Run Time 2	0.0~6553s	0.0s	90.0s	○
PE.20	Select 2 speed frequency Run Time 3	0.0~6553s	0.0s	60.0s	○
PE.21	Select 2 speed frequency Run Time 4	0.0~6553s	0.0s	60.0s	○
PE.22	Select 2 speed frequency Run Time 5	0.0~6553s	0.0s	360.0s	○
PE.23	Select 2 speed frequency Run Time 6	0.0~6553s	0.0s	0.0s	○
PE.24	Select 3 speed frequency 1	0.00~650.00Hz	0.01Hz	11.00Hz	○
PE.25	Select 3 speed frequency 2	0.00~650.00Hz	0.01Hz	22.00Hz	○
PE.26	Select 3 speed frequency 3	0.00~650.00Hz	0.01Hz	36.00Hz	○
PE.27	Select 3 speed frequency 4	0.00~650.00Hz	0.01Hz	48.00Hz	○
PE.28	Select 3 speed frequency 5	0.00~650.00Hz	0.01Hz	65.00Hz	○
PE.29	Select 3 speed frequency 6	0.00~650.00Hz	0.01Hz	0.00Hz	○
PE.30	Select 3 speed frequency Run Time 1	0.0~6553s	0.0s	80.0s	○
PE.31	Select 3 speed frequency Run Time 2	0.0~6553s	0.0s	60.0s	○
PE.32	Select 3 speed frequency Run Time 3	0.0~6553s	0.0s	120.0s	○
PE.33	Select 3 speed frequency Run Time 4	0.0~6553s	0.0s	90.0s	○
PE.34	Select 3 speed frequency Run Time 5	0.0~6553s	0.0s	360.0s	○
PE.35	Select 3 speed frequency Run Time 6	0.0~6553s	0.0s	0.0s	○
PE.36	Select 4 speed frequency 1	0.00~650.00Hz	0.01Hz	18.00Hz	○
PE.37	Select 4 speed frequency 2	0.00~650.00Hz	0.01Hz	42.00Hz	○
PE.38	Select 4 speed frequency 3	0.00~650.00Hz	0.01Hz	60.00Hz	○
PE.39	Select 4 speed frequency 4	0.00~650.00Hz	0.01Hz	85.00Hz	○
PE.40	Select 4 speed frequency 5	0.00~650.00Hz	0.01Hz	0.00Hz	○
PE.41	Select 4 speed frequency 6	0.00~650.00Hz	0.01Hz	0.00Hz	○
PE.42	Select 4 speed frequency Run Time 1	0.0~6553s	0.0s	60.0s	○
PE.43	Select 4 speed frequency Run Time 2	0.0~6553s	0.0s	90.0s	○
PE.44	Select 4 speed frequency Run Time 3	0.0~6553s	0.0s	90.0s	○
PE.45	Select 4 speed frequency Run Time 4	0.0~6553s	0.0s	360.0s	○

Code	Name	Range	Min unit	Default	Modification
PE.46	Select 4 speed frequency Run Time 5	0.0~6553s	0.0s	0.0s	○
PE.47	Select 4 speed frequency Run Time 6	0.0~6553s	0.0s	0.0s	○

Explanation:

Change the properties of column, the symbol is defined as follows:

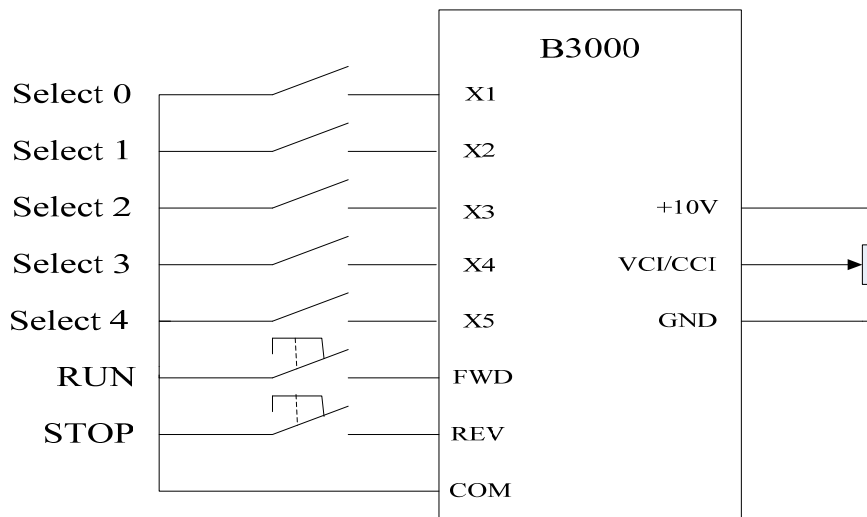
“○” : denotes the parameters can be revised when the inverter is in operating or stop status;

“×” : denotes the parameters cannot be revised when the inverter is operating;

“*” : denotes the parameters are actually detected value and cannot be revised;

“—” : denotes the parameters that are set by factory and the user cannot modify it.

1.2 Control line diagram



B3000 Pile machine line diagram

1.3 Function Description

(1) Selector Description

Select 0 for the manual running, frequency set by the potentiometer; Select 1-4 for automatic running, frequency set by the PE group parameter; Select 5 speed only display P0.08 (Lower limit of frequency). When in running status, selector is invalid, keep the original select and run time.

(2) Run schematic

